

Case study 3

0:0:0.0 --> 0:0:2.390

Speaker 1

Red sign. Now let's start recording. Yeah.

0:0:2.770 --> 0:0:3.320

Speaker 2

Yes.

0:0:3.570 --> 0:0:11.660

Speaker 1

Yes, good. Thank you so much. So nice to meet you, [interviewee name]. So, [interviewee name]. Yeah.

0:0:13.240 --> 0:0:19.830

Speaker 1

And the project and you your affiliation is to [company name].

0:0:21.330 --> 0:0:21.720

Speaker 2

Yes.

0:0:21.440 --> 0:0:26.860

Speaker 1

But may I ask you [name of the interviewee's company] is consulting or?

0:0:28.390 --> 0:0:28.730

Speaker 1

OK.

0:0:29.690 --> 0:0:34.520

Speaker 2

Yes. And I'm. Uh yeah, console consulting and.

0:0:34.600 --> 0:0:38.520

Speaker 2

Umm, I deliver a contract management.

0:0:39.80 --> 0:0:39.320

Speaker 1

No.

0:0:44.420 --> 0:0:48.940

Speaker 1

OK. And you are the the owner of that organization, but you you?

0:0:48.590 --> 0:0:49.860

Speaker 2

Yeah, it's myself and I.

0:0:51.150 --> 0:0:52.560

Speaker 2

I'm the only one, yes.

0:0:52.260 --> 0:0:57.470

Speaker 1

Uh, yeah, yeah. And you, you and your role is in [name of the project] is the.

0:0:59.10 --> 0:0:59.670

Speaker 1

Yeah.

0:0:59.870 --> 0:1:2.370

Speaker 2

Sure. So to say direct seafood ring.

0:1:4.180 --> 0:1:6.390

Speaker 1

Like the consultant or the?

0:1:12.760 --> 0:1:13.210

Speaker 1

Ah.

0:1:7.930 --> 0:1:18.840

Speaker 2

No, I'm, yeah, I'm two in one. I'm a contract manager, so I look look up what's in the contract and what did the customer.

0:1:19.800 --> 0:1:25.580

Speaker 2

Put in the contract and what is the contractor supposed to deliver?

0:1:26.100 --> 0:1:26.570

Speaker 1

OK.

0:1:28.530 --> 0:1:30.340

Speaker 1

OK, trust manager good.

0:1:31.40 --> 0:1:31.470

Speaker 1

So.

0:1:31.10 --> 0:1:34.140

Speaker 2

Yeah, definitely in in Dutch, it's direct seafood ring.

0:1:35.160 --> 0:1:36.590

Speaker 1

Do do you Roxie?

0:1:37.970 --> 0:1:38.800

Speaker 2

Put it in the chat.

0:1:40.310 --> 0:1:40.660

Speaker 1

OK.

0:1:47.490 --> 0:1:49.690

Speaker 1

Ah, there are six four. Thank you so much.

0:1:51.510 --> 0:1:51.900

Speaker 1

Yes.

0:1:53.900 --> 0:1:56.290

Speaker 1

OK, nice to meet you so.

0:1:57.150 --> 0:1:58.760

Speaker 1

Should we start now with the questions?

0:2:0.360 --> 0:2:0.690

Speaker 2

Sure.

0:2:1.420 --> 0:2:7.580

Speaker 1

So first we have a kind of, I call it. When I interview people, I call them that. It's warm up questions.

0:2:8.240 --> 0:2:13.370

Speaker 1

So so first, like because uh, now here we we are in the.

0:2:14.400 --> 0:2:25.270

Speaker 1

In the era I'm, I'm what I'm talking. We are here in the Netherlands where we have initiatives, goals for circularity, circular build environments, circular cities.

0:2:26.200 --> 0:2:33.120

Speaker 1

And and we have all I think the Netherlands, they have the goal for 2050 for to become fully circular.

0:2:33.850 --> 0:2:38.640

Speaker 1

And so in light of those or in line with those initiatives?

0:2:40.250 --> 0:2:47.790

Speaker 1

What do you think of the influence of those initiatives on the building industry and the real estate market?

0:2:52.120 --> 0:2:53.700

Speaker 2

I don't know if the influence is.

0:2:55.300 --> 0:3:3.200

Speaker 2

Good enough to get our get everything we need that has to be done to get it done. I'm not sure.

0:3:3.800 --> 0:3:4.160

Speaker 1

OK.

0:3:4.930 --> 0:3:5.590

Speaker 2

We try.

0:3:6.970 --> 0:3:9.960

Speaker 2

We develop theories we develop.

0:3:11.160 --> 0:3:14.530

Speaker 2

[Dutch word] uh agreements together.

0:3:16.360 --> 0:3:26.230

Speaker 2

And I'm a part of, uh, an organization with volunteers. I'm in [name of a platform]. You know that.

0:3:33.60 --> 0:3:33.590

Speaker 1

Ah.

0:3:33.940 --> 0:3:35.600

Speaker 2

CB23.

0:3:36.160 --> 0:3:38.10

Speaker 1

CB 23.

0:3:38.780 --> 0:3:45.40

Speaker 2

There's a national platform to get uh agreements, and so everyone.

0:3:45.770 --> 0:3:48.350

Speaker 2

Once to agree on one level.

0:3:49.20 --> 0:4:16.330

Speaker 2

To get things right, get things done. What a circular design. How do you get a circular design? So there's a group of people. I was one of them who tried to get [name]. I don't know what a [name] is, but a paper where you agree. What do you need to get a circular design? And that's a national.

0:4:17.740 --> 0:4:19.190

Speaker 2

Item national thing.

0:4:19.920 --> 0:4:20.210

Speaker 1

OK.

0:4:20.620 --> 0:4:26.510

Speaker 2

So I'm part of that, like a volunteer, and I think that's the best thing to do.

0:4:27.550 --> 0:4:28.660

Speaker 2

And I hope.

0:4:29.760 --> 0:4:30.480

Speaker 2

It will.

0:4:31.780 --> 0:4:43.790

Speaker 2

Get things done correctly like like that. That's yeah, if you, if you agree. What's a circular design? I hope that people take that paper and try to.

0:4:45.230 --> 0:4:48.390

Speaker 2

Design sick on a show circular way.

0:4:48.790 --> 0:4:49.230

Speaker 1

Uh-huh.

0:4:49.450 --> 0:4:55.240

Speaker 2

But I don't know if it was enough if I don't know if the impulse is enough, because there has to be.

0:4:56.70 --> 0:4:56.460

Speaker 1

So.

0:4:56.570 --> 0:5:0.10

Speaker 2

To be yeah, a lot of things. I don't know if you know the.

0:5:1.150 --> 0:5:7.830

Speaker 2

Uh energy transition [name]? I don't know if you know that's a I can show it.

0:5:7.570 --> 0:5:15.520

Speaker 1

I yeah, I heard about the drugs. I'm not fully aware of that. But also I heard about the energy transition.

0:5:15.830 --> 0:5:38.770

Speaker 2

Yeah, the energy transition says what is needed to get the transition 2050 to get it done, so to say. And if you look to in that transition, what what's needed then you know, like you need solar panels, warmth, warmth, pumps. I don't know the English words.

0:5:38.810 --> 0:5:41.140

Speaker 1

Yeah, the the sort of, yeah.

0:5:42.920 --> 0:5:43.260

Speaker 1

Actually.

0:5:41.200 --> 0:5:51.730

Speaker 2

Yes, solar panels, but also a warmth pump. Uh, green gas. Uh, things like that. But to get to, to actually produce solar panels you need.

0:5:52.750 --> 0:5:56.250

Speaker 2

Raw materials and those raw materials, they just.

0:5:57.0 --> 0:6:3.50

Speaker 2

Are not available anymore in Weld copper in 20. I don't know I've got this.

0:6:5.260 --> 0:6:5.610

Speaker 1

Just.

0:6:4.940 --> 0:6:8.310

Speaker 2

Really, really concerning type tables.

0:6:10.120 --> 0:6:12.760

Speaker 2

Want to say and they say, well copper, it's.

0:6:13.790 --> 0:6:24.870

Speaker 2

Almost gone and not any not available anymore in 2048, so to say you need in Indian for solar panels it will be.

0:6:26.430 --> 0:6:30.320

Speaker 2

2038 when it's not available anymore.

0:6:31.650 --> 0:6:33.440

Speaker 2

So that's also.

0:6:33.570 --> 0:6:37.880

Speaker 2

A. The build environment, same thing.

0:6:38.420 --> 0:6:38.950

Speaker 1

Yeah.

0:6:38.500 --> 0:6:45.220

Speaker 2

We sent for making uh breaks, downs and stuff and cement.

0:6:53.740 --> 0:6:54.70

Speaker 1

And.

0:6:46.90 --> 0:6:54.300

Speaker 2

And it will be gone. There will. We've got a Sahara full filled with sand, but not the sand we actually need, you know, so.

0:6:57.480 --> 0:6:57.690

Speaker 1

Yeah.

0:6:55.70 --> 0:6:58.780

Speaker 2

A lot of other other stuff it it it's not.

0:6:59.900 --> 0:7:1.220

Speaker 2

How do you pull it? How do you say that?

0:7:2.740 --> 0:7:3.800

Speaker 2

Well it it it's.

0:7:8.670 --> 0:7:9.60

Speaker 1

Yes.

0:7:4.480 --> 0:7:10.780

Speaker 2

It's ending. We don't have sources resources anymore. That's the whole problem, so I hope.

0:7:11.990 --> 0:7:13.170

Speaker 2

By writing.

0:7:14.490 --> 0:7:17.500

Speaker 2

Uh, down like, what is the circular?

0:7:19.890 --> 0:7:22.400

Speaker 2

Way to make your building.

0:7:23.810 --> 0:7:31.970

Speaker 2

I hope it's enough. I hope that people really actually take that kind of papers and do what they have to do.

0:7:32.400 --> 0:7:50.590

Speaker 1

Yeah. So what I understand from you, like many things are are let's say in there is a goals, there is guidelines, but still there is a ambiguity. We can say that or like there is a unclarity whether those guidelines and those efforts.

0:7:51.230 --> 0:7:56.120

Speaker 1

Will pay off or or they are in the right direction or like are enough?

0:7:54.870 --> 0:7:58.70

Speaker 2

Yeah, that's the right direction. But will we succeed?

0:7:58.450 --> 0:7:59.160

Speaker 1

Yeah.

0:7:59.160 --> 0:8:2.80

Speaker 2

Together, everything done for 2015, I don't know.

0:8:3.200 --> 0:8:3.470

Speaker 1

Yeah.

0:8:3.970 --> 0:8:6.200

Speaker 2

It's urgent. It's UM.

0:8:6.890 --> 0:8:7.540

Speaker 2

Yeah.

0:8:9.20 --> 0:8:9.370

Speaker 1

Yeah.

0:8:9.600 --> 0:8:12.430

Speaker 2

Yeah, I don't. I don't know. I'm not sure if it's enough.

0:8:12.960 --> 0:8:13.130

Speaker 1

Yeah.

0:8:13.910 --> 0:8:14.340

Speaker 2

I try.

0:8:15.190 --> 0:8:15.540

Speaker 1

Yes.

0:8:14.990 --> 0:8:16.110

Speaker 2

I'm not very positive.

0:8:16.740 --> 0:8:30.530

Speaker 1

Yeah. No, no, that's fine. Because it's very important really to to, to, to, to, to, to, to, to even understand the context, the context related aspects or the contextual issues, yeah.

0:8:31.150 --> 0:8:32.100

Speaker 2

It can be done.

0:8:32.590 --> 0:8:32.900

Speaker 1

Yeah.

0:8:32.950 --> 0:8:34.800

Speaker 2

If if everyone sees.

0:8:35.610 --> 0:8:41.430

Speaker 2

The urgent that we we there the urgency and I don't think that's a.

0:8:42.700 --> 0:8:44.560

Speaker 2

Real estate developers.

0:8:45.900 --> 0:8:51.600

Speaker 2

I don't know the government if they see the exactly the choices they have to make.

0:8:52.840 --> 0:8:54.770

Speaker 2

But that will be.

0:8:56.850 --> 0:8:58.640

Speaker 2

We have that will be another question.

0:8:59.120 --> 0:8:59.430

Speaker 1

Yeah.

0:9:0.930 --> 0:9:3.720

Speaker 1

The second also question that I'd like to to to to ask.

0:9:6.480 --> 0:9:7.620

Speaker 1

Is that a?

0:9:28.910 --> 0:9:29.150

Speaker 2

Yeah.

0:9:8.490 --> 0:9:38.680

Speaker 1

Now we talked about the the the impact of the initiatives and and so on, but also the my question is general to what extent those guidelines that for instance you you mentioned that the CBCB 23 or or even we have I think the Netherlands they have also another another models, another initiatives to what extent those those let's say guidelines models are considered in the building industry and the real estate market?

0:9:39.220 --> 0:9:41.60

Speaker 2

What? Sorry. What is the your question?

0:9:41.520 --> 0:9:43.920

Speaker 1

I mean to what extent?

0:9:44.790 --> 0:9:45.120

Speaker 2

To what?

0:9:44.690 --> 0:9:45.270

Speaker 1

Uh.

0:9:46.200 --> 0:9:55.390

Speaker 1

Those, those, those I mean, I mean, what? What do you think about the adoption and the consideration of those guidelines in the building industry?

0:9:57.710 --> 0:9:59.610

Speaker 2

That's good that they are.

0:10:3.40 --> 0:10:3.290

Speaker 1

And then.

0:10:1.600 --> 0:10:7.370

Speaker 2

Developed that. The problem is that you can you can develop but you have to use them.

0:10:7.820 --> 0:10:9.710

Speaker 1

Yeah, I'm asking about the use.

0:10:12.890 --> 0:10:13.270

Speaker 1

Yeah.

0:10:10.60 --> 0:10:19.440

Speaker 2

You. Well, I'm not sure. I think it's more like a real when you've got the architect. It depends on the architect in person.

0:10:20.520 --> 0:10:26.150

Speaker 2

If this architect is really designing on a circular way.

0:10:29.170 --> 0:10:30.750

Speaker 2

In a in a circular way.

0:10:33.360 --> 0:10:34.100

Speaker 1

OK.

0:10:33.380 --> 0:10:41.420

Speaker 2

It depends on the on the, on the person, and it depends on this person if this person wants to use guidelines.

0:10:42.140 --> 0:10:44.580

Speaker 2

Umm, because I think, uh.

0:10:45.570 --> 0:10:51.940

Speaker 2

Architects are stubborn and I think they know best themselves.

0:10:53.70 --> 0:10:58.980

Speaker 2

I'm not sure if an architect you want to you want an architect to use this.

0:10:59.970 --> 0:11:9.520

Speaker 2

Pay this paper. What you say? That it's not a paper, it's a guideline. You want an architect because he's building. He's he's designing the building. You want an architect to.

0:11:10.240 --> 0:11:12.470

Speaker 2

Yeah, ohama to.

0:11:14.430 --> 0:11:14.820

Speaker 1

So.

0:11:16.470 --> 0:11:16.960

Speaker 1

Yeah.

0:11:13.550 --> 0:11:23.560

Speaker 2

And to to use this guideline, but I'm not sure because an architect is stubborn and I think an architect will not use a guideline like that.

0:11:24.250 --> 0:11:24.760

Speaker 1

I see.

0:11:24.400 --> 0:11:30.280

Speaker 2

You want you. I want an architect to use it, but I'm not sure if that's.

0:11:31.510 --> 0:11:32.110

Speaker 2

And.

0:11:33.620 --> 0:11:38.820

Speaker 2

If you if it, if it comes to designers, I don't know if they will use it.

0:11:39.330 --> 0:11:39.760

Speaker 1

Yeah.

0:11:40.720 --> 0:11:46.770

Speaker 1

I can't imagine so. So we can say that also it it's it's something that is.

0:11:48.820 --> 0:11:53.60

Speaker 1

No, we we can say personal thing, but it's also depends on.

0:11:53.980 --> 0:11:58.270

Speaker 1

The practitioners, whether he or she would use it or not.

0:11:58.540 --> 0:12:15.30

Speaker 2

Yeah, it's not like you go to the IKEA. You have a paper. You you how to put your item together, but you you don't use it, you think you can do it yourself. And most of the times it it it works. Of course it's not a good example, but.

0:12:16.290 --> 0:12:19.510

Speaker 2

And so a guideline is not a.

0:12:20.890 --> 0:12:27.890

Speaker 2

Something I think an architect has only his desk next next to him when he is doing his job, so he say.

0:12:29.140 --> 0:12:30.630

Speaker 2

I would like him to or her.

0:12:31.580 --> 0:12:34.180

Speaker 2

I'd like her to use it, but I'm not sure.

0:12:36.70 --> 0:12:36.350

Speaker 1

Yeah.

0:12:38.720 --> 0:12:39.320

Speaker 1

Interesting.

0:12:40.280 --> 0:12:41.490

Speaker 1

Yeah, I can't imagine this.

0:12:42.920 --> 0:12:49.820

Speaker 1

Yeah. Unless there is maybe kind of compulsory or like it become a mandatory. So probably then.

0:12:50.200 --> 0:12:50.490

Speaker 2

Yeah.

0:12:50.890 --> 0:12:52.310

Speaker 1

Yeah, it's kinda beat.

0:12:52.690 --> 0:13:3.0

Speaker 2

You should maybe think about, so I'm I'm I would like to like like a a code. When you make a design you say OK, this is a designed by.

0:13:3.930 --> 0:13:9.620

Speaker 2

The light draft circular development say between [name]. I don't know the English words.

0:13:10.310 --> 0:13:13.620

Speaker 1

Yeah. Like I, yeah, I I got it.

0:13:12.960 --> 0:13:24.510

Speaker 2

That's right. For a product to eat a fair trade for product to eat, you have a same Adrian Tinta CB 23 kermac for a design A circular design, you know.

0:13:24.820 --> 0:13:27.430

Speaker 1

Says you mean like a kind of certification? Yeah.

0:13:28.200 --> 0:13:29.190

Speaker 1

Yeah, that's.

0:13:27.330 --> 0:13:30.30

Speaker 2

Yeah, yeah, that could help. Yeah.

0:13:30.880 --> 0:13:31.790

Speaker 1

That's that would be.

0:13:33.550 --> 0:13:37.500

Speaker 2

Anyway, I've got two students at at the half year.

0:13:38.860 --> 0:13:43.770

Speaker 2

In Amsterdam, it's the higher education is it's the heavier. I don't know if you know.

0:13:44.410 --> 0:13:45.40

Speaker 2

The heavier.

0:13:47.250 --> 0:13:48.300

Speaker 2

No. Uh anyway.

0:13:48.970 --> 0:13:49.670

Speaker 2

And.

0:13:51.950 --> 0:13:55.570

Speaker 2

Uh, they are in the last year of uh.

0:13:57.20 --> 0:14:0.260

Speaker 2

Being an engineer and they had in pompous.

0:14:1.70 --> 0:14:14.360

Speaker 2

In the north of Amsterdam, in it in the in this water there's an island. It's called pompous, and they had to make a circular.

0:14:16.270 --> 0:14:17.340

Speaker 2

Pavlick pavilion.

0:14:18.110 --> 0:14:18.660

Speaker 1

Pavilion.

0:14:18.920 --> 0:14:34.710

Speaker 2

Yeah, that, that, that was the goal and they found me with some they they found me and I asked can you help us? And I sat and I told them if you want to design A circular pavilion.

0:14:35.790 --> 0:14:42.30

Speaker 2

What a good idea is a good idea would be to use the CB23 light rates.

0:14:42.800 --> 0:14:53.430

Speaker 2

And I I told them twice, but I don't think that even downloaded it, you know, and that's that's the reason that I started to think, you know, if they don't do it, maybe an architect will not.

0:14:54.480 --> 0:15:0.70

Speaker 2

Get that guideline line as well. That's that made me think you know.

0:14:59.780 --> 0:15:19.370

Speaker 1

Yeah, it would you please if if, if, if, if you also because I'm also become interested. I will for, for for likely students because in one day probably I will use it the the the the the the the CB23 guidelines because it I see in the chat but I can Google and find the guidelines or you can.

0:15:18.950 --> 0:15:21.40

Speaker 2

Yeah, sure. I can send you the link.

0:15:21.460 --> 0:15:22.40

Speaker 1

Yeah, please.

0:15:22.490 --> 0:15:23.140

Speaker 2

Yeah.

0:15:25.300 --> 0:15:26.590

Speaker 1

So they shouldn't. They didn't.

0:15:28.880 --> 0:15:36.990

Speaker 2

No, they didn't. I don't even think that they downloaded it it then that they downloaded it.

0:15:37.660 --> 0:15:37.970

Speaker 1

Yeah.

0:15:38.30 --> 0:15:38.540

Speaker 2

I just.

0:15:38.630 --> 0:15:45.0

Speaker 2

The put the link in the chat and there you find all this like circular.

0:15:54.360 --> 0:15:54.870

Speaker 1

Ah.

0:15:45.80 --> 0:15:57.500

Speaker 2

And design uh measuring circularity. Uh passports for the build environment, etcetera. So this is the link to that platform.

0:15:59.340 --> 0:15:59.510

Speaker 2

Yep.

0:15:58.340 --> 0:16:0.910

Speaker 1

I see. I I gotta interesting.

0:16:1.610 --> 0:16:12.680

Speaker 1

But [name], you're the first one who shared it with me. I think long time ago, I heard about it because we we have the CBE hub and our faculty, the circular built environment hub.

0:16:13.670 --> 0:16:14.80

Speaker 2

Really.

0:16:13.470 --> 0:16:14.800

Speaker 1

As a result, yeah.

0:16:15.300 --> 0:16:19.330

Speaker 2

And the first one to to share it with you. This is a national platform.

0:16:19.600 --> 0:16:34.110

Speaker 1

Yeah. Yeah, I think just the share it once and that time it said, I mean it was a one year or more than one year, but then I have never seen it and nobody has talked to me about it. So so yeah.

0:16:32.730 --> 0:16:34.860

Speaker 2

Oh, that's not a good sign.

0:16:35.410 --> 0:16:38.900

Speaker 1

Yeah. So I I really, really need to dive in and look it up.

0:16:40.220 --> 0:16:45.40

Speaker 1

But it's interesting, uh, to to, to to to really Google it so.

0:16:45.690 --> 0:16:47.400

Speaker 1

So even, but I will consider it.

0:16:49.150 --> 0:16:49.570

Speaker 1

Yeah.

0:16:48.130 --> 0:16:51.480

Speaker 2

Yeah, but it should. It should. Uh.

0:16:52.880 --> 0:16:53.580

Speaker 2

Umm.

0:16:56.50 --> 0:16:56.670

Speaker 2

Well anyway.

0:16:57.350 --> 0:16:57.580

Speaker 1

Yeah.

0:16:57.390 --> 0:16:59.990

Speaker 2

Look it up and then maybe you will.

0:17:2.50 --> 0:17:4.680

Speaker 2

See something interest. Interesting things.

0:17:4.840 --> 0:17:6.860

Speaker 1

Yeah, I'm sure I will find. I'm sure I'll find.

0:17:8.650 --> 0:17:28.690

Speaker 1

So because now I will, I will move to to the next part before moving to Saint Castiel. I, as

I told you that I conducted theoretical study about how circularity and buildings and how adaptability like you know what what I mean by building adaptability like building flexibility.

0:17:28.830 --> 0:17:29.230

Speaker 2

Yeah.

0:17:29.580 --> 0:17:36.400

Speaker 1

Yeah. So, uh, I mean this part, I will ask you some question about how do you see like the integration.

0:17:37.30 --> 0:17:37.580

Speaker 1

Between.

0:17:38.540 --> 0:17:40.880

Speaker 1

Adaptability and security for buildings.

0:17:43.420 --> 0:17:47.770

Speaker 1

Uh, but when we say like circular and adaptable tilting.

0:17:48.900 --> 0:17:52.960

Speaker 1

So what makes the building circular and also adaptable?

0:17:54.300 --> 0:17:54.590

Speaker 1

Uh.

0:17:54.180 --> 0:18:1.170

Speaker 2

Yeah, circular is your, uh, your project circular. If you don't have any waste left, if it's 0.

0:18:2.320 --> 0:18:2.780

Speaker 1

OK.

0:18:2.570 --> 0:18:3.780

Speaker 2

And if you are, uh.

0:18:5.30 --> 0:18:10.150

Speaker 2

And if you have waste and it's not zero, then you have to.

0:18:10.940 --> 0:18:12.400

Speaker 2

Make new.

0:18:13.250 --> 0:18:13.860

Speaker 2

Uh.

0:18:14.930 --> 0:18:15.420

Speaker 2

Things.

0:18:16.270 --> 0:18:17.100

Speaker 2

Of your waste.

0:18:18.260 --> 0:18:18.870

Speaker 1

OK.

0:18:19.360 --> 0:18:23.30

Speaker 2

Things of things it it will be a test to be a new product.

0:18:23.650 --> 0:18:24.300

Speaker 1

OK.

0:18:23.930 --> 0:18:30.500

Speaker 2

So no waste if it's zero, then it's circular but but then it has to be.

0:18:31.310 --> 0:18:32.970

Speaker 2

The sustainable as well.

0:18:33.810 --> 0:18:34.460

Speaker 1

Yeah.

0:18:33.980 --> 0:18:45.960

Speaker 2

That's the the second step, so you can make a circular building, but it has to be

sustainable. If you have a circular bamboo from China, you have to transport your bamboo from China to.

0:18:46.750 --> 0:18:50.580

Speaker 2

Your actual project in, let's say Amsterdam.

0:18:52.210 --> 0:18:59.230

Speaker 2

So that's not very sustainable, of course, because you have CO2 because of the transport transportation.

0:19:0.560 --> 0:19:4.910

Speaker 2

Unless you transport by renewable energy.

0:19:5.870 --> 0:19:7.330

Speaker 2

Then it's then it's OK.

0:19:8.120 --> 0:19:8.830

Speaker 1

OK.

0:19:10.280 --> 0:19:11.820

Speaker 2

You don't want that, but it's.

0:19:12.550 --> 0:19:14.0

Speaker 2

There's no CO2.

0:19:15.520 --> 0:19:16.370

Speaker 2

Outcome then.

0:19:17.830 --> 0:19:22.150

Speaker 2

Anyway, so circularity for me is like uh, no waste.

0:19:22.520 --> 0:19:24.810

Speaker 1

Yeah, but like.

0:19:26.460 --> 0:19:26.770

Speaker 1

This.

0:19:23.850 --> 0:19:28.740

Speaker 2

And if you can't wait, you have to see it as a new uh, room.

0:19:28.130 --> 0:19:30.510

Speaker 1

Make a book out of our out of West.

0:19:31.120 --> 0:19:31.490

Speaker 2

Mm-hmm.

0:19:39.930 --> 0:19:40.440

Speaker 2

Yeah.

0:19:31.780 --> 0:19:42.100

Speaker 1

So there is, it should be 0 waste and if there is a waste, so the option is to make a product out of that that way. So no waste would be kept.

0:19:42.910 --> 0:19:43.340

Speaker 1

Yes.

0:19:55.10 --> 0:19:55.340

Speaker 1

Yeah.

0:19:42.740 --> 0:19:56.300

Speaker 2

Yeah. And then like the model of the circular economy of the, the the anemic Arthur Foundation, that will be that, that's all over it. You know, so good for the and fun.

0:19:56.520 --> 0:19:58.550

Speaker 1

The the butterfly diagram, yeah.

0:19:58.630 --> 0:19:58.870

Speaker 1

Uh.

0:20:0.90 --> 0:20:1.170

Speaker 1

Filling MacArthur, yeah.

0:20:2.250 --> 0:20:2.800

Speaker 2

Yeah.

0:20:2.950 --> 0:20:3.200

Speaker 1

Yeah.

0:20:5.670 --> 0:20:5.900

Speaker 2

Yeah.

0:20:4.160 --> 0:20:7.50

Speaker 1

Yeah, yeah, this one exactly. Yes, yes, yes.

0:20:7.430 --> 0:20:16.510

Speaker 2

So if you have got waste, normally you have the linear economy, you just produce waste. Then the recycle economy, you have a little bit waste. You don't want that.

0:20:17.450 --> 0:20:21.340

Speaker 2

You just want a circular economy where is no waste.

0:20:22.620 --> 0:20:27.50

Speaker 2

And if you even don't, you don't want the bin in this image.

0:20:28.330 --> 0:20:29.130

Speaker 2

You don't want to be.

0:20:30.20 --> 0:20:30.300

Speaker 1

Yeah.

0:20:30.710 --> 0:20:31.440

Speaker 2

And then.

0:20:32.350 --> 0:20:34.740

Speaker 2

This is in. This is indeed my.

0:20:36.650 --> 0:20:39.220

Speaker 2

And also my circular model.

0:20:40.690 --> 0:20:45.330

Speaker 2

And no waste. That's that. And when you've got a circular building.

0:20:47.30 --> 0:20:48.180

Speaker 2

You want uh.

0:20:49.160 --> 0:20:55.730

Speaker 2

No large and already explained and this one this. This is the energy transition shoe back.

Do you know this game?

0:20:56.770 --> 0:20:57.390

Speaker 1

Umm.

0:20:58.580 --> 0:21:1.590

Speaker 1

I think I played this when I was, uh, one time ago.

0:21:2.460 --> 0:21:2.740

Speaker 1

Yes.

0:21:2.180 --> 0:21:12.880

Speaker 2

Yeah, this is on the sides colombaro for delay from craving and there you have all the things you need like solar panels warm to pump green, gauss.

0:21:13.270 --> 0:21:13.750

Speaker 1

Ah.

0:21:14.10 --> 0:21:22.670

Speaker 2

That's and stuff like that. But if you you look to, well, this is the overshoot day 2022 in the Netherlands, it's already.

0:21:23.610 --> 0:21:27.390

Speaker 2

In the in the past 12, the April 12th.

0:21:38.810 --> 0:21:39.250

Speaker 1

The.

0:21:28.650 --> 0:21:57.120

Speaker 2

And if you see, uh, well, that's not that's not so good. Not not very good news anyway, if you need all the things you need, like solar panels for solar panel, you needs Indium. And this is what the the the table. This is the image I was looking at when I said to you we need things for this energy transition. But there will no be there will not be those materials anymore because everything will be finished.

0:21:59.0 --> 0:22:9.60

Speaker 1

So the solution is like solar panel and those things they are something but still we have a scarcity or even resource issue. There is no enough material to provide.

0:22:9.980 --> 0:22:15.390

Speaker 2

Well, there is no not enough material where we have access to.

0:22:15.890 --> 0:22:16.250

Speaker 1

Uh-huh.

0:22:16.330 --> 0:22:19.220

Speaker 2

Because you, well, there is like.

0:22:20.150 --> 0:22:23.550

Speaker 2

Indium. All over the world. But there are only.

0:22:24.580 --> 0:22:28.180

Speaker 2

Are you glad rufa where you?

0:22:29.810 --> 0:22:31.550

Speaker 2

Where you can get it that will be.

0:22:31.310 --> 0:22:31.560

Speaker 1

Ah.

0:22:41.360 --> 0:22:41.700

Speaker 1

Yeah.

0:22:44.390 --> 0:22:45.20

Speaker 1

Yes, yes.

0:22:32.490 --> 0:22:55.210

Speaker 2

It will be on other places. It's not only the when you've got calls, you have coal mines, but not there's not only coal in coal mines, it's around the world. Only we don't have access and it takes about 10 years to build a coal mine. We don't want that anymore, that's for sure. So there will be other sewer resources, but we have no access.

0:22:56.670 --> 0:22:57.290

Speaker 1

I got it.

0:22:57.650 --> 0:23:3.410

Speaker 2

And it's better to leave the raw material in the ground and just.

0:23:4.310 --> 0:23:7.190

Speaker 2

Go to a circular economy. Reuse.

0:23:7.990 --> 0:23:8.550

Speaker 1

Yes.

0:23:8.410 --> 0:23:15.920

Speaker 2

Over and over again. So and it is finished, but the the the minds are finished.

0:23:17.150 --> 0:23:39.350

Speaker 2

In in this image you can see when what is finished like gold. It's like 2033, no more gold, no more gold that we have access to. There will be gold but very difficult to get access to like also like the oil industry, all the resources that they were all the resources.

0:23:40.200 --> 0:23:41.380

Speaker 2

They were.

0:23:42.960 --> 0:23:44.490

Speaker 2

Low cost to answer.

0:23:45.880 --> 0:23:46.410

Speaker 2

They are.

0:23:47.320 --> 0:23:49.850

Speaker 2

Already in progress, you know.

0:23:52.520 --> 0:23:54.80

Speaker 2

You don't want to.

0:23:54.980 --> 0:24:1.300

Speaker 2

Go to places that cost a lot of money or the the impact on the environment is high cost, you know.

0:24:7.360 --> 0:24:7.850

Speaker 1

Yeah.

0:24:9.80 --> 0:24:10.290

Speaker 1

Yeah, that's that's.

0:24:2.80 --> 0:24:11.290

Speaker 2

So there will be resources but not available for us, not accept accessible are you. Go ahead. We can get the girls out of the ground, yeah.

0:24:13.60 --> 0:24:13.420

Speaker 1

So I.

0:24:20.90 --> 0:24:20.390

Speaker 1

Yeah.

0:24:12.700 --> 0:24:26.280

Speaker 2

So I don't think it's quite that, it's not really the truth. The images like this because there

is all over the world spread all over the world. There's copper and Indium and sink and silver.

0:24:27.60 --> 0:24:27.730

Speaker 1

Yeah.

0:24:27.410 --> 0:24:31.830

Speaker 2

Only it's harder to find and it will, uh, square meter.

0:24:32.570 --> 0:24:33.650

Speaker 2

Of telephones.

0:24:34.610 --> 0:24:44.410

Speaker 2

Mobile old mobile telephones. There is more gold in that square meter than in any gold mine. Somewhere in the world.

0:24:45.670 --> 0:24:53.170

Speaker 2

Because all those telephones have a little bit gold in it and it's this square meter, there's more gold than in normal average mine.

0:24:53.970 --> 0:24:54.550

Speaker 2

So still.

0:24:55.900 --> 0:24:56.370

Speaker 1

So.

0:25:8.750 --> 0:25:9.460

Speaker 1

Yeah.

0:24:55.780 --> 0:25:13.0

Speaker 2

So it also this way of thinking. We have already accessed to like golds, you have those square meters telephones and there is gold in it. You just have to extract it and you don't want to get it out of new minds or existing minds.

0:25:13.880 --> 0:25:14.310

Speaker 1

I see.

0:25:15.370 --> 0:25:15.690

Speaker 1

So.

0:25:15.80 --> 0:25:15.860

Speaker 2

But that's my.

0:25:18.360 --> 0:25:18.830

Speaker 1

Yeah.

0:25:17.30 --> 0:25:20.500

Speaker 2

Way of thinking. So I think that the images are not quite correct.

0:25:21.50 --> 0:25:21.640

Speaker 1

Yeah.

0:25:22.850 --> 0:25:24.400

Speaker 1

You're right. So.

0:25:24.190 --> 0:25:25.990

Speaker 2

I don't know, but it's my way of thinking.

0:25:26.620 --> 0:25:32.390

Speaker 1

Yeah. The second thing also in this question, I knew that what circular building.

0:25:33.90 --> 0:25:35.880

Speaker 1

0 W and if there is a waste, we need to.

0:25:48.330 --> 0:25:49.240

Speaker 2

Acceptable. Yeah.

0:25:36.40 --> 0:25:55.830

Speaker 1

Uh to to to to to to to make use of that waste too, and making another product, so we shouldn't really keep anyways. But also the second part of the question is that also adaptability and yes, so how also adaptability can be in building and adaptability like flexibility and so on.

0:25:56.130 --> 0:26:4.300

Speaker 2

Yeah, flexibility is like, uh, building like a Lego Lego lease lease, earring, Lego, Lego, Lasering.

0:26:8.100 --> 0:26:10.850

Speaker 1

Is it? Yeah. Did it go? Yeah.

0:26:6.730 --> 0:26:10.880

Speaker 2

You know Lego Lego. Go. Yeah, yeah, yeah.

0:26:12.70 --> 0:26:16.40

Speaker 2

Hence the reader. He's from the Delft, he.

0:26:17.60 --> 0:26:21.910

Speaker 2

Years ago, he wrote this book Lego listening in the in the building firemans.

0:26:22.380 --> 0:26:23.210

Speaker 1

Whose hands?

0:26:23.620 --> 0:26:24.840

Speaker 2

How hennis, the reader?

0:26:25.640 --> 0:26:28.790

Speaker 1

Uh, so I think he, he retires I think.

0:26:28.690 --> 0:26:29.870

Speaker 2

Yes, that's correct.

0:26:30.440 --> 0:26:31.110

Speaker 1

Uh. Uh.

0:26:35.810 --> 0:26:36.370

Speaker 1

Ah.

0:26:44.30 --> 0:26:44.540

Speaker 1

Yeah.

0:26:36.530 --> 0:26:45.790

Speaker 2

Yeah, legally seating in the in the build environment. Anyway. You need to build on a modular scale because every yeah.

0:26:47.270 --> 0:26:49.870

Speaker 2

If you think you ever going to uh.

0:26:55.850 --> 0:26:57.910

Speaker 2

Tear down your building. That's not the right word.

0:26:59.20 --> 0:27:2.0

Speaker 2

Not demolished, but put it out out.

0:27:2.440 --> 0:27:5.950

Speaker 2

Uh, you you want to build in?

0:27:6.960 --> 0:27:7.300

Speaker 1

Model.

0:27:6.950 --> 0:27:13.410

Speaker 2

And popular. Yeah. You want to build modular and with no no where you shoot.

0:27:14.500 --> 0:27:16.710

Speaker 2

Uh, use wet.

0:27:17.560 --> 0:27:18.210

Speaker 2

Forbidding her.

0:27:18.490 --> 0:27:21.460

Speaker 1

Ah OK, using joint connections.

0:27:21.640 --> 0:27:22.50

Speaker 2

Yeah.

0:27:22.190 --> 0:27:22.710

Speaker 1

This.

0:27:24.410 --> 0:27:24.790

Speaker 1

OK.

0:27:25.890 --> 0:27:26.400

Speaker 1

So.

0:27:25.830 --> 0:27:29.260

Speaker 2

And that's also what Hannah said they there years ago, he already.

0:27:30.870 --> 0:27:31.400

Speaker 2

Said that.

0:27:32.270 --> 0:27:33.60

Speaker 2

It's not new.

0:27:33.890 --> 0:27:34.270

Speaker 1

Yeah.

0:27:36.240 --> 0:27:37.170

Speaker 2

And it's possible.

0:27:39.110 --> 0:27:40.200

Speaker 1

OK. Yes.

0:27:39.810 --> 0:27:48.80

Speaker 2

But then you have got those uh architects they want to build something really, really, really different. And then there are something no new and it's not.

0:27:49.630 --> 0:27:51.0

Speaker 2

Yeah, like it should be.

0:28:2.20 --> 0:28:2.480

Speaker 2

Yeah.

0:27:51.350 --> 0:28:3.730

Speaker 1

Yeah. So when we talk about adaptable, so first like following the hands the the reader using like Legos, so it should be modular and.

0:28:3.330 --> 0:28:3.840

Speaker 2

What you learn?

0:28:8.550 --> 0:28:9.330

Speaker 2

Yeah, yeah.

0:28:4.490 --> 0:28:10.680

Speaker 1

And also, uh, yeah. Like we can't like, we called it dry. Yeah. Yes, yes so.

0:28:10.190 --> 0:28:12.670

Speaker 2

Not that this will be dry. Dry. Yeah, yeah.

0:28:13.510 --> 0:28:15.610

Speaker 2

And then you've got all back concepts.

0:28:18.880 --> 0:28:19.720

Speaker 1

Alba concerts.

0:28:26.40 --> 0:28:26.470

Speaker 1

Ah.

0:28:26.390 --> 0:28:36.80

Speaker 2

Loose Mark Bar hides index loose. Mark Bar hides in decks. It's not 100% percent.

0:28:36.210 --> 0:28:36.980

Speaker 2

And.

0:28:39.390 --> 0:28:39.930

Speaker 2

And.

0:28:42.370 --> 0:28:43.610

Speaker 2

Circular I think.

0:28:46.180 --> 0:28:47.350

Speaker 2

That it's a good start.

0:28:47.880 --> 0:28:48.250

Speaker 1

OK.

0:28:49.230 --> 0:28:51.270

Speaker 1

It's first time to hear about it long.

0:28:51.930 --> 0:28:52.450

Speaker 1

Mark.

0:28:53.10 --> 0:28:55.260

Speaker 2

Yeah. So that you can loosen things.

0:28:56.440 --> 0:28:57.270

Speaker 2

Like dry.

0:28:58.870 --> 0:28:59.590

Speaker 2

Like, yeah.

0:29:0.220 --> 0:29:0.700

Speaker 1

Yeah, yeah.

0:29:2.60 --> 0:29:4.60

Speaker 2

And that helps, UM.

0:29:6.480 --> 0:29:13.530

Speaker 2

With an old friend angles, someone who the connected upgrade I I forgot about the the term in English.

0:29:14.430 --> 0:29:19.430

Speaker 2

If you got, if you want to build a building and you have to, uh, go to the market.

0:29:20.730 --> 0:29:27.990

Speaker 2

Uh, like the? Uh, like the government, they have to do an understating.

0:29:29.310 --> 0:29:37.240

Speaker 2

And you want circularity and your and then. This is also a way to.

0:29:39.260 --> 0:29:47.770

Speaker 2

Gets a circular building because if you, uh, say to the market, I want you to use alpha concept. Those Maga hats index.

0:29:48.500 --> 0:29:50.70

Speaker 2

Then you get points.

0:29:51.530 --> 0:29:52.510

Speaker 2

Uh.

0:29:54.110 --> 0:29:55.800

Speaker 2

It's a way of UM.

0:29:56.760 --> 0:30:1.40

Speaker 2

Going to ride the to the right data and that in the right direction I think.

0:30:0.820 --> 0:30:1.100

Speaker 1

Umm.

0:30:2.480 --> 0:30:4.30

Speaker 2

I think my help, sorry.

0:30:4.90 --> 0:30:19.990

Speaker 1

Yeah. Visit. To be honest, it's it's new for me to to, to, to, to about the album concert. So the Alba concept is it because just I want to ask you, is it like the basic, the basics of the lost mark Back heights index or what?

0:30:21.200 --> 0:30:22.610

Speaker 2

They and they developed it.

0:30:23.370 --> 0:30:25.650

Speaker 1

Uh-huh. OK, they developed it.

0:30:26.20 --> 0:30:26.400

Speaker 2

Yeah.

0:30:26.800 --> 0:30:29.610

Speaker 1

So and it's, it's focused on uh.

0:30:30.460 --> 0:30:32.70

Speaker 1

It's not the new yeah.

0:30:33.310 --> 0:30:36.200

Speaker 2

I think 3 is is pre ground now.

0:30:37.240 --> 0:30:37.730

Speaker 1

Ah.

0:30:41.750 --> 0:30:42.300

Speaker 1

Object.

0:30:37.300 --> 0:30:42.850

Speaker 2

I would rather than circle in Amsterdam, South in the South. They presented over there.

0:30:44.770 --> 0:30:46.700

Speaker 2

I think it was an.

0:30:48.260 --> 0:30:51.310

Speaker 2

Yeah, I think that was pretty corona. I'm. I'm not sure when.

0:30:52.180 --> 0:30:52.410

Speaker 1

Umm.

0:30:53.350 --> 0:30:59.860

Speaker 1

And it's focused not only about circularity, but they consider also part of the adaptability. And so so on or what?

0:31:0.830 --> 0:31:1.390

Speaker 2

Uh, yeah.

0:31:1.980 --> 0:31:2.250

Speaker 1

Yeah.

0:31:3.280 --> 0:31:3.750

Speaker 1

I see.

0:31:3.830 --> 0:31:9.620

Speaker 2

But it's like a loosen index. How you loosen your building, how you, uh.

0:31:11.360 --> 0:31:14.730

Speaker 2

Yeah, I I'm not. I'm it's a lack of English good.

0:31:12.580 --> 0:31:17.10

Speaker 1

I have my demount the amount or dismantle or.

0:31:17.750 --> 0:31:18.810

Speaker 1

Or no.

0:31:17.520 --> 0:31:21.470

Speaker 2

Dismantle. Yeah. It's like there's dismantle index, yeah.

0:31:23.370 --> 0:31:23.720

Speaker 2

Yeah.

0:31:20.940 --> 0:31:23.780

Speaker 1

Uh. Or detach? Yeah, for yeah.

0:31:25.960 --> 0:31:29.800

Speaker 2

But there are some things in it that they are not.

0:31:29.870 --> 0:31:34.790

Speaker 2

It's a quite they're well theoretic theoretically.

0:31:51.340 --> 0:31:52.230

Speaker 1

Yeah.

0:31:34.890 --> 0:31:57.980

Speaker 2

Still, there are some loose ends, like when you have lanes took. I don't know if you know lame steak. That's a not a plaster. It's it's like a biological plaster for the for the wall. So it's really, really friendly for the environment. But because you put it on the wall like.

0:31:59.940 --> 0:32:00.550

Speaker 1

Worksheet.

0:32:07.20 --> 0:32:07.550

Speaker 1

OK.

0:32:00.270 --> 0:32:09.20

Speaker 2

Explore it. Yeah, you cannot easily get it off the wall. It is possible, but it's very hard to get it.

0:32:10.40 --> 0:32:11.150

Speaker 2

Of the wool again.

0:32:11.880 --> 0:32:12.420

Speaker 1

I see.

0:32:12.690 --> 0:32:13.480

Speaker 2

And then.

0:32:14.160 --> 0:32:19.460

Speaker 2

When you put that really nice material in albacon Sept Los Mag bytes index.

0:32:20.450 --> 0:32:32.500

Speaker 2

The outcome is not so positive, you know. Then you get less points, but it is a real good material for the finish in the building, you know. So there are some things that are not quite.

0:32:33.450 --> 0:32:34.600

Speaker 1

Clear. Yeah.

0:32:36.570 --> 0:32:36.980

Speaker 1

Yes.

0:32:33.610 --> 0:32:39.0

Speaker 2

Yeah, like a loop. The negative loop, so to say. I don't know if you understand what I mean, but.

0:32:39.210 --> 0:32:42.250

Speaker 1

Yeah, I understand it. So you mean like?

0:32:41.780 --> 0:32:51.410

Speaker 2

Really beautiful for me. All the, all the things from the the build environment and all those terms. I only speak Dutch for my.

0:32:55.820 --> 0:32:56.840

Speaker 2

OK. Yeah.

0:32:52.330 --> 0:33:19.90

Speaker 1

No, no, no, no. I I can get it. I can even understand it. So, yeah, what do you, you're using a expression immediately. I got your point. So that before moving to the next question, so I can summarize that your your, your, your perspective for circular and adaptable

building. So terrible circularity should be 0 waste, no waste. And if there is a waste, we should make use of that waste and another product.

0:33:20.10 --> 0:33:26.520

Speaker 1

Then for adaptability. So I basically the building should be a kind of like.

0:33:27.260 --> 0:33:34.120

Speaker 1

Standardized, modular and also using dry connections instead of with connections.

0:33:34.950 --> 0:33:37.70

Speaker 1

And also then you refer to.

0:33:38.70 --> 0:33:44.30

Speaker 1

A tool which is like the alpha concept for to make use that index. It's not that much.

0:33:50.800 --> 0:33:51.10

Speaker 2

Yeah.

0:33:45.290 --> 0:33:51.220

Speaker 1

Accurate. We can call it, but it's it's it's useful to you to to consider it. Yes for.

0:33:52.430 --> 0:33:52.690

Speaker 1

Yeah.

0:33:53.360 --> 0:33:59.790

Speaker 2

And what about the adaptability of a building? It's also important that you make a design.

0:34:0.640 --> 0:34:4.530

Speaker 2

That fits all still to say so you really need.

0:34:5.400 --> 0:34:7.990

Speaker 2

The spaces with high ceilings.

0:34:9.520 --> 0:34:10.110

Speaker 1

Yeah.

0:34:9.360 --> 0:34:13.760

Speaker 2

Because in a a space with high ceilings, everything will.

0:34:14.650 --> 0:34:16.50

Speaker 2

Fit in that so you.

0:34:16.900 --> 0:34:20.760

Speaker 2

Just want don't want to make only in environments for.

0:34:23.120 --> 0:34:25.250

Speaker 2

For a for to live in.

0:34:25.930 --> 0:34:26.970

Speaker 2

But also.

0:34:30.740 --> 0:34:31.270

Speaker 2

Practical.

0:34:29.50 --> 0:34:31.290

Speaker 1

So could could I make it? Because to be honest?

0:34:31.380 --> 0:34:43.940

Speaker 1

The you here, I'm here to listen from you, but also what? You mentioned this point. I I read it before and also I, I I read about it and also.

0:34:45.760 --> 0:34:56.450

Speaker 1

Two days ago, when I had an interview and with another real estate developer, he mentioned the same thing. So we need extra height extra dimension.

0:34:56.770 --> 0:35:3.800

Speaker 2

We need extra quality and one of the yeah, that that's about it because height is also quality.

0:35:4.420 --> 0:35:4.690

Speaker 1

Yeah.

0:35:8.690 --> 0:35:15.280

Speaker 2

We need quality and we don't build quality if we have elevators, elevators.

0:35:16.30 --> 0:35:28.320

Speaker 2

Are like disposable things nowadays. Mishubishi was a high quality elevator, but they didn't have a business anymore because all those.

0:35:30.310 --> 0:35:32.300

Speaker 2

Waste elevators, they.

0:35:33.380 --> 0:35:33.880

Speaker 2

Were.

0:35:35.470 --> 0:35:40.390

Speaker 2

Invited to pull to uh to.

0:35:41.190 --> 0:35:59.280

Speaker 2

Adicolor, they were cheap, so the people, the, the, the they chose the cheap elevators. But they are like waste. After 30 years. I don't think they even less 30 years. You have to throw it away. Put a new one in it. But Mitsubishi has quality. It's more expensive.

0:36:0.0 --> 0:36:3.160

Speaker 2

But they uh, like uh, Rolls Royce.

0:36:3.810 --> 0:36:10.420

Speaker 2

You have to. Uh, well, like you go to the garage with your car once in a while.

0:36:20.110 --> 0:36:20.380

Speaker 1

Yeah.

0:36:11.370 --> 0:36:25.740

Speaker 2

And we Shishi does that to the elevators and it can live for a very long time. So it it's sustainable and like other elevators, less quality, you have to throw away.

0:36:26.610 --> 0:36:29.170

Speaker 2

It's waste after one cycle.

0:36:31.700 --> 0:36:45.820

Speaker 2

What I want to say is that if you make this, if you yeah, if you design you design quality and it's in height that's in durable materials and like elements like elevators, you have to rethink.

0:36:46.830 --> 0:36:51.180

Speaker 2

Uh, we built now, but we want to use it well, like forever, maybe.

0:36:51.930 --> 0:36:52.390

Speaker 1

Yes.

0:36:52.600 --> 0:37:0.630

Speaker 2

And if you got a museum like Reichs Museum, you will not tear that down. It's high quality building. We're not going to demolish that.

0:37:1.50 --> 0:37:1.540

Speaker 1

Yeah.

0:37:1.380 --> 0:37:8.750

Speaker 2

With just, uh, if there's no museum, then everyone wants to live there because it's a high quality building, if not only the ceiling.

0:37:9.560 --> 0:37:17.190

Speaker 2

But also every everything uh well in the outside. Inside uh, windows.

0:37:18.390 --> 0:37:20.230

Speaker 2

Now light and light building.

0:37:21.700 --> 0:37:22.50

Speaker 1

Yeah.

0:37:22.320 --> 0:37:34.30

Speaker 2

And that if you if you uh design quality you can forever use your building and we are the people we we think we we will last forever on the Earth.

0:37:34.860 --> 0:37:37.730

Speaker 2

And we think we built forever, but the.

0:37:38.380 --> 0:37:42.950

Speaker 2

Period of time where we live in. It's like a split second or in in eternity.

0:37:44.410 --> 0:37:55.160

Speaker 2

And if you go on holiday, you take a tent with you. You're not going to build something in the middle of the woods because this tomorrow you will leave. You know you you put a tent.

0:37:56.170 --> 0:37:56.410

Speaker 1

Yeah.

0:37:55.930 --> 0:37:58.840

Speaker 2

Why should we make buildings from?

0:38:1.10 --> 0:38:1.570

Speaker 2

From.

0:38:2.340 --> 0:38:5.730

Speaker 2

A. How do you call that?

0:38:6.430 --> 0:38:18.70

Speaker 2

Uh materials that damage nature and we think we build it for a long time, but 50 years? It's well in the existence of the Earth Earth, it's only split second.

0:38:18.490 --> 0:38:18.760

Speaker 1

Yes.

0:38:20.920 --> 0:38:21.200

Speaker 1

Yeah.

0:38:21.520 --> 0:38:24.560

Speaker 2

Anyway, I don't know if you just keep following email, but yeah.

0:38:24.370 --> 0:38:30.840

Speaker 1

I don't. OK, I got it. But just one the the the important thing about the quality and so on.

0:38:32.100 --> 0:38:44.190

Speaker 1

Uh, so I got the depart for the the adaptive world. It's about also quality, modularity, drug connections. But do you see a kind of connection between the adaptability and circularity?

0:38:46.330 --> 0:38:47.640

Speaker 1

Like the.

0:38:46.950 --> 0:38:50.500

Speaker 2

With the next in between adaptability and circularity.

0:38:51.150 --> 0:38:51.400

Speaker 1

Yeah.

0:38:51.820 --> 0:38:52.500

Speaker 2

You should.

0:38:53.90 --> 0:38:53.530

Speaker 1

Yes.

0:38:53.670 --> 0:38:56.100

Speaker 2

Make this connection if it's not there.

0:38:56.630 --> 0:38:56.880

Speaker 1

Yeah.

0:38:59.480 --> 0:39:0.340

Speaker 2

It should be there.

0:39:0.920 --> 0:39:1.180

Speaker 1

Yeah.

0:39:2.850 --> 0:39:3.810

Speaker 1

Important, yes.

0:39:4.770 --> 0:39:5.280

Speaker 1

Yeah.

0:39:6.50 --> 0:39:16.800

Speaker 1

Uh, yeah. Interesting. Because I'm. I actually this question was wealthy and they got many reachable information worth information. So I learned a lot.

0:39:20.850 --> 0:39:21.740

Speaker 1

Yeah.

0:39:26.730 --> 0:39:27.520

Speaker 1

Yeah.

0:39:18.170 --> 0:39:32.890

Speaker 2

Yeah, but it's only my fish in, so I don't know people maybe think about the cheese. Just a madman. You are not going to live in a tent for all your entire life, you know. But it's more the way of thinking. What makes that we think that we build for a long time.

0:39:37.990 --> 0:39:38.440

Speaker 1

Yes.

0:39:33.550 --> 0:39:38.830

Speaker 2

Our long time is not the long time that the Earth is already there.

0:39:40.640 --> 0:39:43.930

Speaker 2

It's like more like a perspective that I want to yeah, that.

0:39:45.410 --> 0:39:46.620

Speaker 2

Want to want to give?

0:39:47.740 --> 0:39:48.570

Speaker 1

Yeah.

0:39:48.120 --> 0:39:49.180

Speaker 2

What is long term?

0:39:50.140 --> 0:39:52.60

Speaker 2

My long term is not your long term.

0:39:52.630 --> 0:39:52.920

Speaker 1

Yeah.

0:39:53.850 --> 0:39:59.420

Speaker 1

It's the. It's very from Asia, from a person to person, from a project to project, yeah.

0:39:59.60 --> 0:40:7.570

Speaker 2

Yeah, but also my long term vacation. When you put a tent on is long term for a vacation.

But yeah, yeah, anyway.

0:40:8.210 --> 0:40:8.470

Speaker 1

Yeah.

0:40:8.900 --> 0:40:9.990

Speaker 2

I mean my point.

0:40:10.310 --> 0:40:17.430

Speaker 1

Yeah. So the second question is that then we talk with, well, I think we we covered many of those things.

0:40:18.230 --> 0:40:21.560

Speaker 1

Uh, but also I I want to be more specific so.

0:40:22.840 --> 0:40:33.360

Speaker 1

What are the strategies that we can do in our projects or implement in our project to make our projects adaptable and circular?

0:40:34.100 --> 0:40:41.340

Speaker 1

Just, uh and I'm so when I'm seeing as when I'm talk about strategies like uploading uh like uh solutions.

0:40:42.500 --> 0:40:50.930

Speaker 1

That that we really need to consider and implement in our project to make our buildings adaptable and circular in the same way.

0:40:51.920 --> 0:41:0.650

Speaker 1

So if you think about strategies, uh, that can be implemented just uh, could you list give us examples.

0:41:2.30 --> 0:41:8.0

Speaker 1

For instance, you mentioned uh dry connections. This is this was a strategy.

0:41:9.320 --> 0:41:9.690

Speaker 2

Yeah.

0:41:10.170 --> 0:41:10.780

Speaker 1

Yeah.

0:41:11.960 --> 0:41:14.160

Speaker 2

You need an owner.

0:41:15.470 --> 0:41:17.110

Speaker 2

Who want to build?

0:41:17.840 --> 0:41:18.930

Speaker 2

A circular building.

0:41:20.860 --> 0:41:24.680

Speaker 2

If the owner doesn't want a circular building, is not going to.

0:41:26.260 --> 0:41:28.510

Speaker 2

Ask a circular building in the market.

0:41:29.170 --> 0:41:29.800

Speaker 1

Yeah.

0:41:36.10 --> 0:41:36.750

Speaker 2

And if you.

0:41:37.700 --> 0:41:39.700

Speaker 2

Are willing to uh.

0:41:41.80 --> 0:41:49.850

Speaker 2

Oscar Circular building in the market. Then you have got strategies like dry connections, modularity.

0:41:51.880 --> 0:41:52.630

Speaker 2

Uh.

0:41:54.940 --> 0:42:2.830

Speaker 2

When you make a design, you let uh demolisher look at the design. How would this demolisher?

0:42:3.530 --> 0:42:6.280

Speaker 2

Demolished on the end of life.

0:42:6.690 --> 0:42:7.400

Speaker 1

Uh-huh.

0:42:7.250 --> 0:42:8.640

Speaker 2

So the other way around.

0:42:12.0 --> 0:42:12.670

Speaker 1

OK.

0:42:12.530 --> 0:42:15.280

Speaker 2

Start with the end. So when you make a design.

0:42:16.0 --> 0:42:17.210

Speaker 2

Ask for.

0:42:18.790 --> 0:42:20.140

Speaker 2

A plan to.

0:42:23.420 --> 0:42:24.940

Speaker 2

How? How?

0:42:31.590 --> 0:42:32.580

Speaker 1

Did you catch?

0:42:26.50 --> 0:42:34.550

Speaker 2

You make a design but also make a plan how to, uh. Put this building the end of life.

Sorry.

0:42:34.340 --> 0:42:36.680

Speaker 1

Yeah, like it you design.

0:42:37.640 --> 0:42:44.510

Speaker 1

For the data the attached the building or you you, you, you for that I get the point. So you said like.

0:42:44.130 --> 0:42:44.680

Speaker 2

Yeah.

0:42:45.460 --> 0:42:49.170

Speaker 1

Involved the demolition that say in the design to design for.

0:42:50.30 --> 0:42:51.440

Speaker 1

Dismantling or?

0:42:51.750 --> 0:42:56.460

Speaker 2

This man's. Yeah, that's the right word. And there's also nice example.

0:42:57.970 --> 0:43:0.700

Speaker 2

The [name], do you know the [name]?

0:43:0.860 --> 0:43:1.250

Speaker 1

No.

0:43:1.870 --> 0:43:10.320

Speaker 2

They noted [name of a project], the in the the the they had the [name of a project], [name of a project].

0:43:10.390 --> 0:43:11.690

Speaker 2

The [name of a project].

0:43:10.650 --> 0:43:18.980

Speaker 1

Oh, Oh yeah, yeah, yeah. I heard about it. Is the one that now they dismantling it and they are moving it to another.

0:43:18.390 --> 0:43:29.970

Speaker 2

Exactly. They already dismantled to it, put it on a boat. The so it was a durable transportation to the north from Amsterdam. And now it's over there.

0:43:31.0 --> 0:43:42.810

Speaker 2

Because it the the reason that it was like a modular build because it was in the center of Amsterdam and the access to the builder construction side was very.

0:43:45.230 --> 0:43:45.830

Speaker 2

Difficult.

0:43:46.220 --> 0:43:46.750

Speaker 1

Yeah.

0:43:47.890 --> 0:43:48.500

Speaker 1

So.

0:43:48.290 --> 0:43:53.600

Speaker 2

There was a reason to uh, design. Uh, a modular building, so they.

0:43:54.450 --> 0:43:55.870

Speaker 2

Build it and now they.

0:43:57.780 --> 0:43:58.510

Speaker 2

Uh.

0:44:0.700 --> 0:44:3.570

Speaker 2

Yeah, they dismantled. Dismantle.

0:44:0.810 --> 0:44:4.420

Speaker 1

This matters. Do yes, yes.

0:44:5.350 --> 0:44:5.870

Speaker 2

Edward.

0:44:4.660 --> 0:44:13.110

Speaker 1

Uh, Josh, I I heard about it just a couple couple of days ago. I some someone talked to me about it, so.

0:44:13.910 --> 0:44:22.610

Speaker 1

What I understand that they are going to shift it in fully circular way like they dismantle it and they will move it. Yeah so.

0:44:22.0 --> 0:44:24.610

Speaker 2

That's the that's the goal, yeah.

0:44:25.190 --> 0:44:32.900

Speaker 1

Yeah. So my question is also like we during the the design, we should plan for demolition or dismantling.

0:44:32.940 --> 0:44:36.460

Speaker 2

Dismantling. That's better and not the Marshall Nurishing. That's the wrong word.

0:44:36.900 --> 0:44:37.370

Speaker 1

Yeah.

0:44:38.710 --> 0:44:43.790

Speaker 2

Yeah. [name of a company], actually. Uh, dismantled it together with new horizon.

0:44:44.520 --> 0:44:44.830

Speaker 1

Yeah.

0:44:45.510 --> 0:44:46.490

Speaker 2

Do you now [name of a company]?

0:44:47.150 --> 0:44:47.740

Speaker 1

Yeah.

0:44:48.160 --> 0:44:48.650

Speaker 2

Yeah.

0:44:51.690 --> 0:44:52.210

Speaker 2

OK.

0:44:48.790 --> 0:44:54.660

Speaker 1

I interviewed, I interviewed. Uh, actually, my interview was was was was with with someone.

0:44:55.410 --> 0:44:56.110

Speaker 2

Ah, OK.

0:44:56.600 --> 0:44:56.960

Speaker 1

Yeah.

0:45:0.460 --> 0:45:3.880

Speaker 1

Yes. So I learned a lot from them. So you are right.

0:45:4.720 --> 0:45:5.30

Speaker 1

Yeah.

0:45:5.160 --> 0:45:8.250

Speaker 2

Yeah. And that was really, yeah, it was like.

0:45:9.380 --> 0:45:17.440

Speaker 2

And another coincidence, but because of the the the spot that they had to build this extra square meters.

0:45:18.800 --> 0:45:20.60

Speaker 2

Food and made lots of bank.

0:45:22.120 --> 0:45:25.350

Speaker 2

Because of that, the result is that they could.

0:45:27.450 --> 0:45:27.980

Speaker 2

Do this.

0:45:29.170 --> 0:45:29.590

Speaker 1

This month.

0:45:30.80 --> 0:45:31.430

Speaker 2

Dismantling now, yeah.

0:45:31.780 --> 0:45:47.470

Speaker 1

So also can I also ask you if if you said we we now I can see the connectivity, the strategy that you mentioned, dry connections, the parties let's say the owner should collaborate, modular design, make use of waste a design for dismantling.

0:45:47.910 --> 0:45:49.600

Speaker 2

Yeah. And also, yeah.

0:45:50.50 --> 0:45:51.150

Speaker 1

Yeah. Yes, yes, can.

0:45:51.830 --> 0:45:52.200

Speaker 1

Go ahead.

0:45:51.830 --> 0:45:56.560

Speaker 2

Uh, yeah. Also, uh. Think about how you what's Africa?

0:45:57.290 --> 0:46:1.330

Speaker 2

UM, normally, if you got. Uh.

0:46:2.90 --> 0:46:15.110

Speaker 2

Your walls and on the inside it's quite normal to do some style and echo work. So you have those wooden sticks and one at the hips. Splat. I don't know hips once hips.

0:46:18.50 --> 0:46:19.720

Speaker 2

I'm going to Google Translate.

0:46:26.310 --> 0:46:27.960

Speaker 2

I don't know what to keep says so.

0:46:28.140 --> 0:46:29.330

Speaker 2

Uh fix?

0:46:30.830 --> 0:46:31.920

Speaker 1

Because yeah.

0:46:32.640 --> 0:46:34.100

Speaker 1

Yeah, the casting, I got it.

0:46:35.400 --> 0:46:35.530

Speaker 1

Yeah.

0:46:33.550 --> 0:46:37.430

Speaker 2

OHS. Yeah. Cost of course. And then you make this cost?

0:46:38.260 --> 0:46:38.840

Speaker 2

Wall.

0:46:39.660 --> 0:46:43.750

Speaker 2

And then you there you you need uh like.

0:46:45.280 --> 0:46:45.940

Speaker 2

Uh.

0:46:47.90 --> 0:46:49.420

Speaker 2

If I'm still contact, stop.

0:46:52.680 --> 0:46:53.650

Speaker 2

So good I would legs.

0:46:55.90 --> 0:46:56.360

Speaker 1

Yeah, took it out today, no.

0:46:57.30 --> 0:46:58.40

Speaker 1

For the electricity.

0:46:59.750 --> 0:47:0.30

Speaker 1

Yeah.

0:47:0.770 --> 0:47:1.300

Speaker 1

Yeah.

0:47:2.230 --> 0:47:2.860

Speaker 1

That's good.

0:46:58.700 --> 0:47:7.510

Speaker 2

Yeah. So could the outlet, I never heard of that one. OK, then you need to socket outlet and and also the wiring and you just cut.

0:47:15.620 --> 0:47:15.800

Speaker 1

Yeah.

0:47:8.750 --> 0:47:36.630

Speaker 2

Your wool and you break it down to get everything in it so you don't wanna do that. You just want to use not all the style and achieved not only not also not the wooden sticks and then the cost on top. You don't want that because cost is also not very durable. You want to use a healthy material on top and just put your installation on top of this product.

0:47:37.730 --> 0:47:43.100

Speaker 2

So keep it in one piece, don't demolish it because you don't want to see all the electricity.

0:47:45.390 --> 0:47:46.130

Speaker 2

And then you can.

0:47:48.350 --> 0:47:57.140

Speaker 2

When you move out, so to say, you can just take a screwdriver and get everything off the wall and this panel you can use again.

0:47:57.650 --> 0:47:57.980

Speaker 1

Yes.

0:47:58.280 --> 0:48:3.230

Speaker 2

Instead of demolishing the uh, the wall that you just built, that's really weird.

0:48:3.720 --> 0:48:13.260

Speaker 1

Yeah. So I think that the, the process, some, I, I they called sometimes like wait when you have an element like you want instead of demolishing it.

0:48:14.510 --> 0:48:24.270

Speaker 1

While dismantle it, sometimes they call selective dismantling like you selectively dismantled instead of demolishing. That's what you mean, yeah?

0:48:24.710 --> 0:48:28.400

Speaker 2

No, not not quiet, but if you got that.

0:48:28.630 --> 0:48:32.100

Speaker 2

A ohh that cost.

0:48:33.230 --> 0:48:38.530

Speaker 2

You don't want to break it anymore, you. But. But what we do, we plaster it. We.

0:48:39.710 --> 0:48:44.520

Speaker 2

Put uh things top and the screws are not feasible anymore. We cannot.

0:48:47.80 --> 0:48:48.30

Speaker 1

Yeah, I guess it's.

0:48:46.430 --> 0:48:50.380

Speaker 2

Yeah, we, we get you can't, uh, get it out in one piece anymore.

0:48:51.700 --> 0:48:59.340

Speaker 1

So avoiding putting the casting or the the cluster, so keep it to see where is the connections to dismantle later on.

0:48:58.990 --> 0:49:7.10

Speaker 2

Yeah, don't use cars just because when you use cars, you need all those sticks behind it to put it on. So you just want.

0:49:8.20 --> 0:49:11.120

Speaker 2

A construction that is, uh, strong enough.

0:49:11.760 --> 0:49:12.460

Speaker 2

And.

0:49:14.460 --> 0:49:14.840

Speaker 1

Yeah.

0:49:13.220 --> 0:49:15.490

Speaker 2

As it is like Nice.

0:49:16.310 --> 0:49:19.120

Speaker 2

Nice, Harry. Glad night. Nice.

0:49:20.480 --> 0:49:21.510

Speaker 2

And nice topping.

0:49:22.40 --> 0:49:22.300

Speaker 1

Yeah.

0:49:24.220 --> 0:49:24.850

Speaker 1

I got it.

0:49:25.800 --> 0:49:27.650

Speaker 2

You do because not very clear.

0:49:34.870 --> 0:49:35.100

Speaker 2

Yeah.

0:49:28.390 --> 0:49:39.250

Speaker 1

No, no, no, no, I got it. I got it. I got it. So so instead of putting the plasters, you keep it as it is to see the connections. What? What is the holes? What is the screws and so on.

0:49:39.640 --> 0:49:39.930

Speaker 2

Yeah.

0:49:40.250 --> 0:49:40.920

Speaker 1

Yeah.

0:49:41.90 --> 0:49:45.800

Speaker 2

And you want to use another material because cost is also not a very healthy material.

0:49:46.330 --> 0:49:46.620

Speaker 1

Yeah.

0:49:47.180 --> 0:49:52.780

Speaker 2

And like those, it's it looks like a kind of chip. Would you have got uh wooden?

0:49:54.240 --> 0:50:10.760

Speaker 2

Panels and there are strong in itself, so you don't need to all put all those sticks behind it and you just want to put all the installation on top of that and you just remove it when you are finished. So to say when you.

0:50:15.90 --> 0:50:16.960

Speaker 1

Just just screw it.

0:50:11.540 --> 0:50:17.730

Speaker 2

Want to reuse your building and just uh unscrew, yeah.

0:50:18.160 --> 0:50:28.370

Speaker 1

Yeah, yeah, I I got it so nice. It's strategies like right connections, modular design, make use of ways, design for dismantling.

0:50:29.60 --> 0:50:35.860

Speaker 1

And useful the material and also avoiding hiding the dry connections if we can say like.

0:50:36.10 --> 0:50:36.570

Speaker 2

Yes.

0:50:36.910 --> 0:50:38.290

Speaker 1

Yes. Uh.

0:50:37.590 --> 0:50:38.370

Speaker 2

And don't.

0:50:39.190 --> 0:50:41.20

Speaker 2

Uh, yeah.

0:50:41.960 --> 0:50:42.180

Speaker 1

Yeah.

0:50:41.750 --> 0:50:44.360

Speaker 2

Don't demolish things when you just build it.

0:50:45.420 --> 0:50:46.530

Speaker 2

Just leave it like that.

0:50:47.940 --> 0:50:48.480

Speaker 1

Yes.

0:50:50.390 --> 0:50:51.860

Speaker 2

That's really weird that we do that.

0:50:52.580 --> 0:50:52.800

Speaker 1

Yeah.

0:50:53.590 --> 0:50:54.0

Speaker 1

So.

0:50:55.340 --> 0:50:57.670

Speaker 1

Now those are key strategies that you believe in.

0:50:57.800 --> 0:51:0.490

Speaker 1

Umm. So uh uh.

0:51:1.860 --> 0:51:8.30

Speaker 1

The the, the, the those strategies are important for circular and adaptable building.

0:51:8.600 --> 0:51:15.390

Speaker 1

Umm. And yeah, I can see that. But the second question that what are the things?

0:51:16.160 --> 0:51:23.460

Speaker 1

And what I'm saying, like uh, things like enablers or aspect that facilitates.

0:51:24.290 --> 0:51:26.440

Speaker 1

The implementation of those strategies.

0:51:27.780 --> 0:51:33.140

Speaker 1

That makes the implementation of those, uh, the dry connections, modular design.

0:51:33.950 --> 0:51:37.540

Speaker 1

What are the aspects or the factors that could facilitate?

0:51:38.290 --> 0:51:40.830

Speaker 1

The implementation of those strategies and our buildings.

0:51:43.920 --> 0:51:44.330

Speaker 1

OK.

0:51:41.220 --> 0:51:45.220

Speaker 2

Yeah, well, it starts with the owner. The owner has to.

0:51:46.410 --> 0:51:47.380

Speaker 2

Desire that.

0:51:51.650 --> 0:51:52.60

Speaker 1

OK.

0:51:52.310 --> 0:51:54.400

Speaker 2

Maybe the owner doesn't want. It doesn't happen.

0:51:55.330 --> 0:51:56.50

Speaker 1

Yeah.

0:51:58.90 --> 0:52:0.10

Speaker 1

So it's a kind of UM.

0:52:2.380 --> 0:52:4.890

Speaker 1

Up a project related immediately.

0:52:5.250 --> 0:52:5.490

Speaker 2

Yeah.

0:52:6.230 --> 0:52:6.900

Speaker 1

Yeah.

0:52:7.0 --> 0:52:18.690

Speaker 2

And what about ownership we have, I think we that's that's the problem we own everything. How can we own like a Kate Raworth, you know, from the donut economy.

0:52:19.920 --> 0:52:21.50

Speaker 1

The the donut.

0:52:21.300 --> 0:52:23.650

Speaker 2

Yeah. Donati economy, Kate Raworth.

0:52:24.340 --> 0:52:26.710

Speaker 1

I know they Donuts model for circular economy.

0:52:27.650 --> 0:52:28.200

Speaker 1

Are they?

0:52:27.530 --> 0:52:28.460

Speaker 2

No. Yeah.

0:52:29.560 --> 0:52:31.160

Speaker 2

It's he's my hero.

0:52:34.20 --> 0:52:34.470

Speaker 2

Kate.

0:52:35.870 --> 0:52:40.120

Speaker 2

Pray with Red Nose like about yeah.

0:52:46.50 --> 0:52:46.840

Speaker 2

There's this.

0:52:49.630 --> 0:53:00.680

Speaker 2

There was an interview last week no two weeks ago with [name] in Amsterdam. That's really, really nice place to be and to learn things about circular economy.

0:53:01.490 --> 0:53:07.890

Speaker 2

And she said that to change the world, we need to look in a different way.

0:53:08.730 --> 0:53:22.960

Speaker 2

Uh to ownership why do we own things? Why do we owe and? And I said when the owner doesn't want a circular building, it doesn't happen. So if we don't have one owner but.

0:53:23.980 --> 0:53:27.850

Speaker 2

We look to ownership in a different way.

0:53:28.580 --> 0:53:30.270

Speaker 2

Then that problem is solved.

0:53:31.210 --> 0:53:31.490

Speaker 1

Uh.

0:53:32.900 --> 0:53:33.870

Speaker 1

OK so.

0:53:33.360 --> 0:53:35.310

Speaker 2

Because with a bigger.

0:53:36.220 --> 0:53:40.850

Speaker 2

With ownership we we all own circular buildings.

0:53:43.10 --> 0:53:49.260

Speaker 2

If we all want circular buildings, then it will happen and it doesn't depend on one owner, you know.

0:53:51.170 --> 0:53:51.570

Speaker 1

So.

0:53:51.170 --> 0:54:4.470

Speaker 2

And how do we own a building? What is ours? What's a piece of land? Are we the owner of the land because we paid to the government? I don't know. It's really weird. It's a piece of the earth. Do we own the earth?

0:54:6.880 --> 0:54:7.80

Speaker 1

Yeah.

0:54:5.420 --> 0:54:8.520

Speaker 2

Anyway, other other other question.

0:54:9.260 --> 0:54:10.860

Speaker 1

Yeah. So the owner.

0:54:13.870 --> 0:54:14.120

Speaker 1

Yeah.

0:54:11.520 --> 0:54:26.930

Speaker 2

The owner? Yeah. It starts with the owner. Unfortunately, in the linear economy and circular economy, it will be more owners, maybe. And then we have share shared ownership and then maybe this problem will be solved to begin with.

0:54:29.860 --> 0:54:31.700

Speaker 1

OK. What are other things?

0:54:30.700 --> 0:54:33.960

Speaker 2

So that's one and then you need. Sorry.

0:54:34.570 --> 0:54:35.900

Speaker 1

Yeah, go ahead. This is.

0:54:35.730 --> 0:54:46.160

Speaker 2

To facilitate. Yeah, you need uh, professionals who wants to build in a circular way, and you have got professionals and.

0:54:46.240 --> 0:54:53.830

Speaker 2

Uh, they say that they do things, but I don't do what they say they do. And then you needs someone like me.

0:54:55.230 --> 0:55:4.110

Speaker 2

To look in the uh, in to look when a building is built. If the people that say what they do.

0:55:4.790 --> 0:55:9.720

Speaker 2

For instance, making a circular building. If they do what they told you to that they would do.

0:55:10.510 --> 0:55:12.160

Speaker 2

Because that's also a problem.

0:55:12.960 --> 0:55:15.730

Speaker 1

So again, the professionals who want.

0:55:16.660 --> 0:55:17.40

Speaker 1

And.

0:55:16.730 --> 0:55:26.110

Speaker 2

Yeah, you've got the companies who say we make circular buildings, but they don't. If you look into the procedure that they follow, they just.

0:55:26.830 --> 0:55:29.600

Speaker 2

Glue everything together. You know that's not circularity.

0:55:30.50 --> 0:55:30.340

Speaker 1

Yeah.

0:55:31.900 --> 0:55:35.70

Speaker 1

So you need also besides shared ownership.

0:55:35.870 --> 0:55:43.110

Speaker 1

OK, you need also professionals who are who wants and really capable to do circular economy.

0:55:43.770 --> 0:55:44.230

Speaker 2

Yeah.

0:55:45.240 --> 0:55:45.570

Speaker 1

OK.

0:55:46.320 --> 0:55:49.870

Speaker 1

Do you? Do you think that there are also others that could facilitate?

0:55:50.880 --> 0:55:53.690

Speaker 1

Other factors that could facilitate also the.

0:55:53.460 --> 0:55:54.930

Speaker 2

The government, yeah.

0:56:1.470 --> 0:56:20.240

Speaker 2

Like uh, vet and I think they. Uh, well, if it's if it if it's forbidden to no, it's if you have to build a circular building then you have to build a circular building like in the Norway or I don't know, in Scandinavia you have to build a.

0:56:30.530 --> 0:56:31.90

Speaker 1

Yeah.

0:56:21.340 --> 0:56:32.240

Speaker 2

Uh buildings that they and the buildings has to produce energy and not consume energy, energy. So if you tell people.

0:56:32.940 --> 0:56:39.780

Speaker 2

You can only build if you build a building that's providing energy and not consuming.

0:56:40.450 --> 0:56:43.820

Speaker 2

Otherwise you can't build. If. Yeah, well, that's so simple.

0:56:48.340 --> 0:56:48.790

Speaker 2

Truth.

0:56:44.390 --> 0:56:49.360

Speaker 1

So the government's, you mean like there is a kind there should be kind of top down approach?

0:56:49.570 --> 0:56:51.300

Speaker 2

Yeah, yeah, that will help.

0:56:51.470 --> 0:56:52.100

Speaker 1

Yeah.

0:56:52.580 --> 0:56:54.740

Speaker 2

Because it doesn't get doesn't. Yeah, yeah.

0:56:55.800 --> 0:56:56.370

Speaker 1

Yeah.

0:56:57.360 --> 0:56:57.560

Speaker 1

And.

0:56:57.550 --> 0:57:8.530

Speaker 2

And also like uh, what also will help is because uh building circular buildings cost a little bit more time. So then you have this aspect of.

0:57:9.540 --> 0:57:10.360

Speaker 2

Uh.

0:57:11.340 --> 0:57:23.240

Speaker 2

You've got, uh, text on arbejde like producing and you've got tax on products and text on new products is lower than the text on.

0:57:23.320 --> 0:57:24.860

Speaker 2

And time.

0:57:25.590 --> 0:57:25.830

Speaker 1

Yeah.

0:57:26.710 --> 0:57:29.720

Speaker 2

And this that has to be the other way around.

0:57:30.830 --> 0:57:31.110

Speaker 1

OK.

0:57:31.240 --> 0:57:32.290

Speaker 2

That will help as well.

0:57:32.840 --> 0:57:33.400

Speaker 1

OK.

0:57:33.950 --> 0:57:34.620

Speaker 2

Like text.

0:57:35.660 --> 0:57:36.960

Speaker 2

Lower attacks on.

0:57:37.990 --> 0:57:38.590

Speaker 2

Arbites.

0:57:41.710 --> 0:57:44.730

Speaker 1

Like a hand flooring tax or tax relief? Yeah.

0:57:44.710 --> 0:57:45.60

Speaker 2

Yeah.

0:57:51.510 --> 0:57:52.470

Speaker 1

The tax on what?

0:57:51.870 --> 0:57:52.760

Speaker 2

Effects on new.

0:57:53.540 --> 0:57:55.60

Speaker 1

On on the product, yeah.

0:57:57.190 --> 0:57:57.480

Speaker 1

Uh-huh.

0:58:0.0 --> 0:58:0.250

Speaker 1

OK.

0:57:55.50 --> 0:58:6.50

Speaker 2

Products has to go up, so it has to be more expensive so that you use and reuse materials. And it's also weird that if you have.

0:58:7.20 --> 0:58:15.930

Speaker 2

A building and you have a products out of this building. Then you sell this products and you have to pay tax on the.

0:58:16.680 --> 0:58:20.400

Speaker 2

Products you already pay tax, so it's twice text.

0:58:21.140 --> 0:58:21.800

Speaker 1

Ah.

0:58:23.150 --> 0:58:26.870

Speaker 1

So you mean the task? Sometimes it's paid also on the reusable products.

0:58:27.190 --> 0:58:32.250

Speaker 2

Yeah, because when you have got like a ball next that's also or uh.

0:58:33.380 --> 0:58:38.910

Speaker 2

Owners of a second material, you know? So if you like new horizon?

0:58:39.500 --> 0:58:39.740

Speaker 1

Yeah.

0:58:40.130 --> 0:58:49.200

Speaker 2

Yeah. So they have this building and all those products, they get out of this building and they put it on their side. So you can buy reuse products.

0:58:52.300 --> 0:58:53.600

Speaker 1

Just they shouldn't it?

0:58:49.960 --> 0:58:56.790

Speaker 2

But you have to pay pay tax on that reuse products. They pay their tax was already paid in this in the former life.

0:58:56.960 --> 0:58:59.570

Speaker 1

Yeah, so it shouldn't pay for those products.

0:59:1.530 --> 0:59:2.680

Speaker 2

Yeah, yeah.

0:59:1.90 --> 0:59:4.30

Speaker 1

That's what you're coming? Yes. Or the yeah, yeah.

0:59:3.740 --> 0:59:6.360

Speaker 2

So that would be a lower text then.

0:59:7.670 --> 0:59:10.260

Speaker 2

That would be a positive impulse for what you ask.

0:59:10.950 --> 0:59:13.600

Speaker 2

That's not an answer that will provide.

0:59:15.0 --> 0:59:15.960

Speaker 2

Circularity.

0:59:17.570 --> 0:59:21.800

Speaker 1

And also increase the tasks for new products. That would would do you think, yeah.

0:59:20.730 --> 0:59:22.460

Speaker 2

Yeah, exactly. Yeah.

0:59:22.990 --> 0:59:24.100

Speaker 1

Yeah, I'm.

0:59:23.670 --> 0:59:48.220

Speaker 2

And we don't pay the real price for products some and like concrete is is really expensive compared to wood because when you've got this material, it's the CO2 outcome of concrete is very high and the damage it does is very high. So if we are going to pay for the CO2 output.

0:59:50.180 --> 0:59:53.230

Speaker 2

Then concrete will be more expensive.

0:59:53.980 --> 0:59:56.900

Speaker 2

More expensive than wood. While it's the other way around.

0:59:58.780 --> 1:0:0.790

Speaker 2

Also, something that will help.

1:0:1.670 --> 1:0:6.200

Speaker 1

So the concrete is is is till now is more expensive than wood, yeah.

1:0:6.620 --> 1:0:9.350

Speaker 2

Yeah, no concrete is too cheap.

1:0:9.600 --> 1:0:9.970

Speaker 1

Uh-huh.

1:0:13.180 --> 1:0:14.840

Speaker 1

II.

1:0:14.900 --> 1:0:23.420

Speaker 2

The cost the and the the the CO2 that is cost and the how it's uh homona.

1:0:26.410 --> 1:0:26.780

Speaker 1

Yes.

1:0:28.570 --> 1:0:29.140

Speaker 1

The police.

1:0:24.350 --> 1:0:31.620

Speaker 2

The the impact on the environment is very is, is is very high. We don't pay for this impact.

1:0:32.190 --> 1:0:32.550

Speaker 1

Uh.

1:0:36.940 --> 1:0:41.290

Speaker 1

So so you're to commence that like the prices of concrete should go up?

1:0:42.320 --> 1:0:42.550

Speaker 1

And.

1:0:41.790 --> 1:0:45.820

Speaker 2

Yeah, and. And as soon as we are going to pay for CO2.

1:0:46.500 --> 1:0:51.60

Speaker 2

Outcome of products then it will solve solve this problem.

1:1:1.240 --> 1:1:1.500

Speaker 1

I.

1:0:52.310 --> 1:1:4.700

Speaker 2

Because there's no SEO 2 coming out of wood, so if you use wood for your building, there's no CO2 coming out. But if you use concrete, there is a big CO2 footprint.

1:1:7.150 --> 1:1:8.950

Speaker 2

You have to pay for that so.

1:1:5.600 --> 1:1:15.320

Speaker 1

Exactly. And for the food? For the yeah. For the food. Yeah. The question is that just it's it's just because you mentioned interesting point and the wood is expensive.

1:1:15.770 --> 1:1:17.770

Speaker 2

Yeah, but it should be cheaper.

1:1:18.110 --> 1:1:18.760

Speaker 1

Yeah.

1:1:19.690 --> 1:1:21.440

Speaker 2

Because it's good for the environment.

1:1:21.720 --> 1:1:22.30

Speaker 1

Yeah.

1:1:22.550 --> 1:1:25.80

Speaker 2

Instead of concrete, that's really bad.

1:1:27.90 --> 1:1:28.80

Speaker 1

Because actually.

1:1:27.230 --> 1:1:30.270

Speaker 2

And don't say the actual price for stuff.

1:1:30.770 --> 1:1:31.120

Speaker 1

Yeah.

1:1:31.180 --> 1:1:42.0

Speaker 2

And if you think Mao, maybe it's it's really cheap. Yeah. Well, then it's too cheap. Also, when you go to the store and you go to the action or something, you see something that ohh, wow, this this is cheap.

1:1:43.510 --> 1:1:51.460

Speaker 2

That's really weird if you think it's weird, then it's too cheap. You don't pay the the the the price you should pay for this product.

1:1:52.760 --> 1:1:53.370

Speaker 1

Yeah.

1:2:2.560 --> 1:2:5.810

Speaker 2

And will be solved when we are going to pay for the CO2 out.

1:2:7.70 --> 1:2:7.630

Speaker 2

Output.

1:2:8.140 --> 1:2:11.370

Speaker 1

Yeah. The next question actually.

1:2:12.270 --> 1:2:19.880

Speaker 1

Is is interesting because I I when you start to to mention interesting point I start to put it under the second the question.

1:2:20.170 --> 1:2:21.770

Speaker 2

Ohh you will really.

1:2:23.250 --> 1:2:23.540

Speaker 2

He.

1:2:22.500 --> 1:2:42.720

Speaker 1

Yeah, yeah. But it's interesting because uh, but also that that means that also I want to listen more. The second question because I hear now from you what are the enablers like you mentioned the owner, the government share the ownership like sharing shared ownership instead of ownership professionals.

1:2:43.530 --> 1:2:46.990

Speaker 1

Now, who are capable, knowledgeable and capable?

1:2:48.810 --> 1:2:49.30

Speaker 2

Cool.

1:2:47.870 --> 1:2:51.390

Speaker 1

Uh and seriously making adaptable and the governments.

1:2:52.330 --> 1:3:1.910

Speaker 1

And you're going to go talk to the government should about the taxes. And I should the next question is the other way around the opposite. So what are?

1:3:3.0 --> 1:3:4.180

Speaker 1

The barriers.

1:3:5.10 --> 1:3:7.110

Speaker 1

Uh. That impede or hinder.

1:3:8.190 --> 1:3:15.320

Speaker 1

The the development of adaptable and circular buildings. So from my side I immediately start to mention about the.

1:3:16.80 --> 1:3:18.80

Speaker 1

To take some of your points like.

1:3:18.840 --> 1:3:20.440

Speaker 1

The high cost of.

1:3:26.310 --> 1:3:26.590

Speaker 2

Yeah.

1:3:21.420 --> 1:3:29.30

Speaker 1

Sustainable material and the low cost of non sustainable material, I I documented that because you give us an example between the wood and the.

1:3:30.420 --> 1:3:30.670

Speaker 2

OK.

1:3:29.610 --> 1:3:33.400

Speaker 1

Umm. And the concrete, which is really really interesting.

1:3:33.910 --> 1:3:46.190

Speaker 1

A example and I mentioned I and even I not like the tax issue like tax are I are paid for reusable material and it shouldn't be that the case.

1:3:46.940 --> 1:3:56.10

Speaker 1

Umm, uh, what else? Other other barriers do you think that may restrict the development of adaptable building and a circular and adaptable buildings?

1:4:0.0 --> 1:4:3.170

Speaker 2

Money and and all the examples I just.

1:4:7.130 --> 1:4:7.450

Speaker 1

Yeah.

1:4:4.530 --> 1:4:8.550

Speaker 2

Told you about the. Then the other way around, but the financial.

1:4:9.720 --> 1:4:11.20

Speaker 2

Yeah, financially it's.

1:4:11.100 --> 1:4:11.670

Speaker 2

Umm.

1:4:17.170 --> 1:4:19.230

Speaker 2

The owner is always.

1:4:20.280 --> 1:4:25.90

Speaker 2

Uh, they only can build this building. They have, they have one budget.

1:4:26.420 --> 1:4:26.980

Speaker 2

And.

1:4:28.430 --> 1:4:33.210

Speaker 2

And the cost? The price of a circular building is a little bit higher.

1:4:33.860 --> 1:4:34.280

Speaker 1

Hot.

1:4:34.950 --> 1:4:37.720

Speaker 2

So the initial cost is A is a problem if it's.

1:4:39.150 --> 1:4:39.900

Speaker 2

You should.

1:4:41.340 --> 1:4:42.50

Speaker 2

Luke.

1:4:53.210 --> 1:4:53.550

Speaker 1

Yeah.

1:4:42.300 --> 1:4:53.640

Speaker 2

And for the time that the building is will be there because you have you have quality long term it will be cheaper you know to.

1:4:53.900 --> 1:4:59.210

Speaker 2

Uh live there or have have your company in the this building?

1:5:0.40 --> 1:5:9.570

Speaker 2

But you have to realize you have to realize it now and not realize it. You have to. You have to make it and you have. But you have to.

1:5:10.360 --> 1:5:14.480

Speaker 2

Produce a building that's not the right words. I'm just looking for the right word.

1:5:14.400 --> 1:5:14.960

Speaker 1

Yeah.

1:5:15.140 --> 1:5:17.950

Speaker 2

To make it to develop it, to develop it.

1:5:18.470 --> 1:5:18.990

Speaker 1

Yeah.

1:5:19.430 --> 1:5:20.620

Speaker 2

And that initial visit?

1:5:20.770 --> 1:5:24.160

Speaker 2

A thought that initial budget.

1:5:26.150 --> 1:5:27.810

Speaker 2

That is sometimes the problem.

1:5:28.270 --> 1:5:29.360

Speaker 1

Yeah. So.

1:5:28.940 --> 1:5:33.180

Speaker 2

Because through yeah. So it's a financial thing you have to choose.

1:5:34.890 --> 1:5:39.180

Speaker 2

Sometimes you have to choose uh, and you can. Maybe you. You cannot afford it.

1:5:39.860 --> 1:5:43.670

Speaker 2

To get this nice biological.

1:5:44.660 --> 1:5:46.560

Speaker 2

Lame stuck on the inside.

1:5:49.770 --> 1:5:50.460

Speaker 1

Yeah.

1:5:50.400 --> 1:5:53.840

Speaker 2

Although it's healthier and better for the environment and.

1:5:55.0 --> 1:5:56.580

Speaker 2

You can take it out actually.

1:5:58.690 --> 1:5:58.980

Speaker 1

Yeah.

1:5:59.250 --> 1:6:1.0

Speaker 2

That's a little bit more expensive.

1:6:2.310 --> 1:6:2.910

Speaker 2

Uh.

1:6:5.640 --> 1:6:5.900

Speaker 2

Yeah.

1:6:6.700 --> 1:6:7.170

Speaker 1

Yeah.

1:6:7.220 --> 1:6:16.110

Speaker 2

Biological materials are less produced, less. It's not so easy not in that.

1:6:20.170 --> 1:6:20.490

Speaker 2

Yeah.

1:6:21.810 --> 1:6:22.800

Speaker 1

Biological material.

1:6:23.580 --> 1:6:23.950

Speaker 1

Ah.

1:6:25.910 --> 1:6:34.440

Speaker 2

Little bit more expensive I think because the production costs more money and it's not scaled up like the.

1:6:35.310 --> 1:6:37.360

Speaker 2

Traditional materials.

1:6:39.360 --> 1:6:39.830

Speaker 2

So.

1:6:39.360 --> 1:6:40.50

Speaker 1

So.

1:6:40.480 --> 1:6:41.550

Speaker 2

Yeah. If you go to.

1:6:42.660 --> 1:6:45.860

Speaker 2

And the practice of the [name].

1:6:47.240 --> 1:6:51.240

Speaker 2

Now you don't even see I my I don't know how. How?

1:6:52.640 --> 1:6:55.940

Speaker 2

How what? What percentage is biological or?

1:6:57.310 --> 1:7:4.500

Speaker 2

In environmental friendly, I don't. It's all only old old stuff like cost and stuff.

1:7:3.320 --> 1:7:5.970

Speaker 1

Yeah. What? What? What's the name of that?

1:7:8.840 --> 1:7:11.520

Speaker 1

That that was the place you mentioned there.

1:7:11.750 --> 1:7:19.10

Speaker 2

Yeah. Building market where you buy your stuff like if you are. Yeah, like how my and practice I didn't know the exact words.

1:7:19.510 --> 1:7:23.280

Speaker 1

I expected OK. I expected that place for reasonable material.

1:7:24.690 --> 1:7:27.870

Speaker 2

Now it's for building materials to buy it. If you go to a store.

1:7:28.970 --> 1:7:40.660

Speaker 2

And you want to buy uh materials to build your house. It's only the old stuff that's in there, but not the nice biological materials you shoot you, so it's not.

1:7:41.380 --> 1:7:44.200

Speaker 2

There to to buy for you.

1:7:44.810 --> 1:7:45.150

Speaker 1

Mm-hmm.

1:7:46.440 --> 1:7:46.850

Speaker 1

I see.

1:7:47.600 --> 1:7:48.210

Speaker 1

Interesting.

1:8:1.920 --> 1:8:2.150

Speaker 1

Yeah.

1:7:48.730 --> 1:8:5.0

Speaker 2

So you have got elephant grass panels for instance, but you can't buy them in this in those stores that you normally go to to get your stuff to get the job done. So it's it's a lack of English I can't explain.

1:8:5.10 --> 1:8:18.140

Speaker 1

No, no, I guess I got it. Yeah. But but he he I want really to to, to, to review with you some

some parts about this question before moving to the next one because also I may ask you about another thing, so the economic.

1:8:18.680 --> 1:8:19.730

Speaker 2

Yeah, financial.

1:8:19.840 --> 1:8:20.450

Speaker 1

Financial.

1:8:20.990 --> 1:8:24.560

Speaker 1

Uh. Also, the high cost of biological material.

1:8:24.920 --> 1:8:29.140

Speaker 1

Uh, I I initial cost of developing circular building.

1:8:31.90 --> 1:8:31.380

Speaker 2

Yeah.

1:8:30.150 --> 1:8:32.300

Speaker 1

Sometimes it, yeah.

1:8:34.80 --> 1:8:38.870

Speaker 1

I I I'm. I'm. I I I remembered point that you mentioned in the last question.

1:8:39.630 --> 1:8:49.540

Speaker 1

You when we talked about the enable and enable you should like we should really have practitioners who are capable and want to. So could we say that also?

1:8:50.290 --> 1:8:55.980

Speaker 1

From this point, can we say like one of the barriers that not all experts? Because that's what you mentioned in the last question?

1:8:58.210 --> 1:8:58.540

Speaker 1

Yeah.

1:9:3.350 --> 1:9:3.580

Speaker 1

Yeah.

1:8:55.880 --> 1:9:4.680

Speaker 2

Yeah, not. Yeah. You want experts? That and that you want experts to build a circular building, but you've got companies.

1:9:9.550 --> 1:9:10.220

Speaker 1

But they didn't.

1:9:5.570 --> 1:9:12.240

Speaker 2

Who say what they will do for you? Make circular building, but actually don't do what they say.

1:9:13.280 --> 1:9:18.170

Speaker 1

Yeah. So we can say like not all experts or companies in circularity.

1:9:19.70 --> 1:9:21.900

Speaker 1

They do circular things if you can.

1:9:21.570 --> 1:9:24.670

Speaker 2

Yeah, they they they say what they do, but they don't do what they say.

1:9:24.910 --> 1:9:25.420

Speaker 1

OK.

1:9:25.710 --> 1:9:34.450

Speaker 2

They tell you what they will do that, but they tell you what they will do, but they don't do what they tell you, and that's a real big problem because.

1:9:35.440 --> 1:9:40.430

Speaker 2

In the market, if you have companies that that, that uh.

1:9:42.480 --> 1:9:46.890

Speaker 2

There's a what's an amp stating if there's a big, there's a big building.

1:9:47.700 --> 1:9:51.560

Speaker 2

And it happened in my backyard, so to say.

1:9:52.350 --> 1:9:58.700

Speaker 2

There is a center of for students and uh status holders like.

1:9:59.380 --> 1:10:2.420

Speaker 2

Container building. So so it's.

1:10:3.340 --> 1:10:8.290

Speaker 2

Demountable you can put it out of it and reuse it.

1:10:9.670 --> 1:10:10.710

Speaker 2

And there was this.

1:10:12.520 --> 1:10:17.250

Speaker 2

A big company and they they they were I think 3.

1:10:18.180 --> 1:10:18.850

Speaker 2

Companies.

1:10:19.980 --> 1:10:25.160

Speaker 2

Who could? Uh, yeah. Inscription they could.

1:10:29.530 --> 1:10:41.530

Speaker 2

They yeah, they were asked to uh, they were asked to. OK you. You can be a part of this amp stating so three parties but one of them they won actually it's a big.

1:10:43.200 --> 1:10:44.530

Speaker 2

Uh building?

1:10:45.480 --> 1:10:45.960

Speaker 2

Uh.

1:10:46.910 --> 1:10:49.450

Speaker 2

They were not building a circular building.

1:10:50.130 --> 1:10:51.510

Speaker 2

Because they.

1:10:51.700 --> 1:10:54.730

Speaker 2

And all those units had.

1:10:55.890 --> 1:11:10.640

Speaker 2

A bathroom in it. But the bathroom was just tiles glued on the wall, so it was it was actually not circular, but they told the owner. I think it was iheart or I don't know.

1:11:11.870 --> 1:11:12.630

Speaker 2

Or.

1:11:13.530 --> 1:11:32.820

Speaker 2

Anyway, they told the the owner we are going to make a circular building and we are going to fill it in with circular material, but it wasn't true and they said, yeah, we are once in the in six years or 10 years, then we the containers go into the washing, what's invest Strat.

1:11:34.590 --> 1:11:52.840

Speaker 2

They, they said, we put it to the we just clean it once in that every ten years or once in every six years and we just clean it up, but they demolish everything. It is not circular. If you build a circular bathroom, you should use panels that are water resistance.

1:11:52.900 --> 1:11:55.270

Speaker 1

And right connections for instance of.

1:11:54.670 --> 1:11:55.980

Speaker 2

And dry connections.

1:11:56.860 --> 1:12:1.710

Speaker 2

So they they won this, they they were the ones who build it.

1:12:2.930 --> 1:12:5.780

Speaker 2

And so they got this. Uh.

1:12:6.440 --> 1:12:7.130

Speaker 2

Yeah.

1:12:8.390 --> 1:12:10.780

Speaker 2

Yeah, that they're building it and that's.

1:12:12.110 --> 1:12:16.350

Speaker 2

They immediately uh because they build it.

1:12:19.800 --> 1:12:21.510

Speaker 2

The IT stands in the way of.

1:12:22.950 --> 1:12:27.580

Speaker 2

Other companies who actually would have built a circular building.

1:12:28.860 --> 1:12:31.250

Speaker 2

So there they stop innovation.

1:12:32.800 --> 1:12:34.590

Speaker 2

Because they don't do what they say.

1:12:35.680 --> 1:12:43.790

Speaker 2

That's one thing, but it's also there. There was no innovation. It was an innovating an innovation project, so to say also.

1:12:44.840 --> 1:12:50.360

Speaker 2

But it was no innovation, so it was old. What was the old old school building?

1:12:51.590 --> 1:12:56.760

Speaker 2

And innovation was blocked, so to say. I don't know if you understand.

1:12:56.300 --> 1:12:57.90

Speaker 1

Yeah, yeah.

1:12:58.180 --> 1:13:5.70

Speaker 1

So so it they they took over the project but they didn't do circular thing they did consider.

1:13:5.590 --> 1:13:10.540

Speaker 1

Uh, so you mean like it? It was better that for other?

1:13:14.570 --> 1:13:14.850

Speaker 2

Yeah.

1:13:11.740 --> 1:13:17.730

Speaker 1

Uh contractors to take that project and do the thing and do innovative thing.

1:13:25.760 --> 1:13:26.80

Speaker 1

Yeah.

1:13:17.610 --> 1:13:32.60

Speaker 2

Yeah, and and if interfaith. Yeah, exactly. And there was also the. Yeah. And that was what they said that they would go going to do, but they didn't because a friend of mine, his son is living there and he's he sent me pictures of the bathroom. I said what?

1:13:32.750 --> 1:13:49.650

Speaker 2

It wasn't innovating innovation project and they want they wanted to have a circular building over there, not only the outside because containers is quite circular, but if it's a container, if that container is circular, then my second hand car is also circular, but it isn't.

1:13:51.300 --> 1:13:56.770

Speaker 1

So they they do what they don't say that they will do.

1:13:59.810 --> 1:14:0.290

Speaker 1

But they do.

1:14:1.990 --> 1:14:2.340

Speaker 1

Yeah.

1:13:57.180 --> 1:14:8.900

Speaker 2

They said we're going to make circular building inside, outside, but I didn't and that's then they they block the way of innovation as well. So then because of.

1:14:11.750 --> 1:14:12.430

Speaker 2

Because of.

1:14:13.850 --> 1:14:17.740

Speaker 2

That we are not going to get to the Gulf 2015, you know.

1:14:19.60 --> 1:14:21.90

Speaker 2

That's really, really, really bad.

1:14:21.610 --> 1:14:21.990

Speaker 1

Yeah.

1:14:23.0 --> 1:14:23.390

Speaker 1

Apple.

1:14:22.990 --> 1:14:26.820

Speaker 2

And then you need someone like a.

1:14:28.60 --> 1:14:33.170

Speaker 2

Directly folder or someone who knows what circular building you means?

1:14:35.600 --> 1:14:39.470

Speaker 2

First, uh people like that have to, uh, see.

1:14:41.350 --> 1:14:42.770

Speaker 2

And yeah.

1:14:43.890 --> 1:14:54.950

Speaker 2

See if people that they say we are going to make a circular building if it's actually happening. If they actually do what they say, if they actually do what they told their customer that.

1:14:56.590 --> 1:15:0.400

Speaker 2

They would get their go now. Yeah, well, it's not happening.

1:15:1.560 --> 1:15:2.0

Speaker 1

I see.

1:15:4.130 --> 1:15:7.980

Speaker 1

Unfortunately, so now can we move to the interesting part?

1:15:8.740 --> 1:15:11.0

Speaker 1

Which is, uh, about Zant. Castiel.

1:15:11.400 --> 1:15:12.0

Speaker 2

Yeah. OK.

1:15:12.310 --> 1:15:23.980

Speaker 1

Yeah. UM, so my first question, uh, why this? Why sent Castile was transformed? Uh wasn't uh, like vacant or outdated?

1:15:25.920 --> 1:15:27.830

Speaker 1

It's it's still being transformed, yeah.

1:15:28.210 --> 1:15:28.550

Speaker 2

Yeah.

1:15:34.910 --> 1:15:35.150

Speaker 2

Yeah.

1:15:29.30 --> 1:15:36.200

Speaker 1

Yeah, but so why? Why? It has been why it's being transformed from office, from bank to school, I think, yeah.

1:15:36.770 --> 1:15:37.480

Speaker 2

Yeah. Why?

1:15:38.10 --> 1:15:38.680

Speaker 1

Yeah. Why?

1:15:41.830 --> 1:15:42.510

Speaker 1

Yeah.

1:15:38.530 --> 1:15:47.980

Speaker 2

So the yeah. OK, this is the this is it, circular transformation. It's the old head office of the ING. They were in it. They moved out.

1:15:48.630 --> 1:15:48.910

Speaker 1

Huh.

1:15:49.690 --> 1:15:53.440

Speaker 2

I don't know why, but they moved out, so this building was for sale.

1:15:54.540 --> 1:16:3.470

Speaker 2

And three towers. This is a tower and this is a tower and they're back. Back there is another one. So three towers were bought.

1:16:4.620 --> 1:16:6.930

Speaker 2

Uh, the.

1:16:8.230 --> 1:16:15.480

Speaker 2

Oh yes, said only uh the UM, uh, the government of Amsterdam bought it for school, the International School.

1:16:16.420 --> 1:16:17.930

Speaker 2

So three towers were built.

1:16:18.810 --> 1:16:20.300

Speaker 2

Amsterdam is the owner now.

1:16:21.970 --> 1:16:23.630

Speaker 2

And well.

1:16:24.640 --> 1:16:28.860

Speaker 2

That he here, that this is a better picture. It's uh.

1:16:30.200 --> 1:16:33.570

Speaker 2

This tower the the first three towers from the Belma plane.

1:16:35.180 --> 1:16:44.290

Speaker 2

Are now uh on the ownership of the uh the government of Amsterdam and they are going to uh build a school in it. So we renovated it last year.

1:16:47.270 --> 1:16:51.330

Speaker 2

This is the picture of last year we renovated the outside.

1:16:52.200 --> 1:16:54.670

Speaker 2

The break the stone bricks, we cleaned it.

1:16:55.470 --> 1:16:58.300

Speaker 2

And all the glasses.

1:16:59.120 --> 1:17:1.510

Speaker 2

All the glass windows are UM.

1:17:3.680 --> 1:17:8.290

Speaker 2

The new the old ones out new ones in the roof is also been.

1:17:9.430 --> 1:17:10.340

Speaker 2

Renovated.

1:17:11.620 --> 1:17:19.370

Speaker 2

And this is a picture inside and we managed to get uh. From [name of a project] Amsterdam. That's the.

1:17:20.320 --> 1:17:22.340

Speaker 2

The contractor.

1:17:23.120 --> 1:17:28.480

Speaker 2

And they have to protect everything. What's in it and what is monumental.

1:17:29.460 --> 1:17:31.300

Speaker 2

But answering your question.

1:17:32.180 --> 1:17:32.910

Speaker 2

Why?

1:17:33.630 --> 1:17:34.670

Speaker 2

A renovation.

1:17:35.210 --> 1:17:36.80

Speaker 1

You know, I mean.

1:17:38.80 --> 1:17:38.480

Speaker 1

Ah.

1:17:35.340 --> 1:17:39.210

Speaker 2

It's because I and she went out. So there was no. Yeah.

1:17:39.560 --> 1:17:42.360

Speaker 1

So it it wasn't really vacant, we can say like.

1:17:44.20 --> 1:17:44.430

Speaker 1

It was.

1:17:42.950 --> 1:17:47.180

Speaker 2

Yeah, it was. It was, yeah, it was. So it was for sale on the market.

1:17:47.610 --> 1:17:48.200

Speaker 1

Ah.

1:17:49.190 --> 1:17:51.360

Speaker 2

Is that yeah, that that's your question, I think.

1:17:53.580 --> 1:18:4.760

Speaker 2

So three towers were bought. They. Well, I'm stem is the owner now and the rest of the towers is [name of a developer]. And they are making a apartment.

1:18:5.360 --> 1:18:8.130

Speaker 1

Yeah. So that's how many towers they are.

1:18:9.860 --> 1:18:13.340

Speaker 2

Abby say so. Three, I think 8.

1:18:14.320 --> 1:18:15.310

Speaker 2

8 + 3.

1:18:16.310 --> 1:18:17.280

Speaker 1

Ohh there.

1:18:16.930 --> 1:18:17.340

Speaker 2

11.

1:18:18.60 --> 1:18:20.500

Speaker 2

I don't know exactly the the total.

1:18:20.890 --> 1:18:28.520

Speaker 1

But so three towers, uh, they they were bought the by the government and they are being transformed to school. Yeah.

1:18:29.200 --> 1:18:29.740

Speaker 2

Exactly.

1:18:30.180 --> 1:18:30.870

Speaker 1

Yeah.

1:18:32.970 --> 1:18:39.550

Speaker 1

Yeah, before I listen to these strategies, I mean, why circularity has been considered in this project.

1:18:43.270 --> 1:18:43.470

Speaker 1

No, no.

1:18:41.370 --> 1:18:44.400

Speaker 2

The owner wanted it. And it's uh monument.

1:18:47.920 --> 1:18:48.630

Speaker 2

And.

1:18:50.370 --> 1:18:52.680

Speaker 1

Because the government was.

1:18:53.750 --> 1:18:54.80

Speaker 1

And.

1:18:53.580 --> 1:19:2.590

Speaker 2

It was a government a wish from the government and [name] is the advisor installation advisor.

1:19:4.660 --> 1:19:4.970

Speaker 1

Yeah.

1:19:4.580 --> 1:19:5.830

Speaker 2

I'll show there.

1:19:5.860 --> 1:19:6.730

Speaker 1

I I don't.

1:19:7.50 --> 1:19:9.750

Speaker 2

Yeah, they were the the ones who?

1:19:9.830 --> 1:19:15.30

Speaker 2

And started the process and it's also a a monument.

1:19:16.100 --> 1:19:16.320

Speaker 1

Yeah.

1:19:15.990 --> 1:19:18.930

Speaker 2

Not National Monument, that a monument.

1:19:19.10 --> 1:19:22.570

Speaker 2

Uh, I don't know. You have National Monument and then.

1:19:25.540 --> 1:19:26.310

Speaker 2

Maybe it's in here?

1:19:29.670 --> 1:19:33.700

Speaker 2

For the city of Amsterdam Monument, I don't know the right words in English.

1:19:33.800 --> 1:19:35.510

Speaker 1

Yeah. Monument monument. Yeah.

1:19:39.970 --> 1:19:40.190

Speaker 1

Yeah.

1:19:41.910 --> 1:19:42.170

Speaker 1

Yeah.

1:19:47.60 --> 1:19:48.40

Speaker 1

Yeah, but.

1:19:35.510 --> 1:19:51.480

Speaker 2

Yeah, but you got National Monument and also uh, local monument, so to say it's a local monument and you cannot tear everything down. So that's not you're not allowed. But [name of a company] is the they started. So the process.

1:19:52.470 --> 1:19:56.990

Speaker 2

And they reused a lot of installations like 3 lift, 3 elevators.

1:19:58.590 --> 1:20:0.140

Speaker 2

Actually, Mitsubishi elevators.

1:20:1.350 --> 1:20:1.800

Speaker 1

Really.

1:20:1.350 --> 1:20:2.300

Speaker 2

Sunny there.

1:20:3.330 --> 1:20:5.850

Speaker 1

Reuse the elevator. You reuse the elevator. Yeah.

1:20:8.840 --> 1:20:9.250

Speaker 1

Prius.

1:20:6.20 --> 1:20:10.510

Speaker 2

Yeah, we're going to use the the elevators. Yeah. And the reuse, yeah.

1:20:12.350 --> 1:20:14.800

Speaker 2

Also Renault, we have to renovate it anyway, but.

1:20:17.380 --> 1:20:18.800

Speaker 2

We don't throw it away.

1:20:25.220 --> 1:20:26.830

Speaker 1

OK so.

1:20:28.320 --> 1:20:36.210

Speaker 1

Regarding, because I will listen to this strategy, but just if I can say that why security was considered in this project.

1:20:37.400 --> 1:20:40.860

Speaker 1

I mean because security is is about also about uh.

1:20:42.180 --> 1:20:45.80

Speaker 1

Material reason so so.

1:20:45.870 --> 1:20:48.320

Speaker 1

It it was like considered for.

1:20:49.480 --> 1:20:53.980

Speaker 1

Not uh, it's before it, because the building is monument, let's say, but also.

1:20:55.220 --> 1:21:0.570

Speaker 1

Circulatory was considered because there there is a, let's say, a goal by the government, yes.

1:21:0.160 --> 1:21:5.770

Speaker 2

Yeah. Go. Yeah, that's for sure. And uh, so it's a goal for the government of [name of a city].

1:21:7.10 --> 1:21:10.720

Speaker 2

They got help of uh for uh from [name of an organization] advisor.

1:21:12.920 --> 1:21:18.270

Speaker 2

And it's a monument, and it's a high quality building.

1:21:18.850 --> 1:21:19.400

Speaker 1

OK.

1:21:19.380 --> 1:21:22.570

Speaker 2

You throw everything away because the [name of the previous owner].

1:21:24.210 --> 1:21:29.480

Speaker 2

Had office, it was built in a time that everything was possible, so everything is high quality.

1:21:32.300 --> 1:21:33.620

Speaker 2

And it's really beautiful.

1:21:34.760 --> 1:21:38.180

Speaker 1

I can see from the picture. I wish that I can visit, but I'm not sure.

1:21:37.800 --> 1:21:39.660

Speaker 2

Are you can I can take you with me?

1:21:40.210 --> 1:21:45.360

Speaker 1

Yeah, I wish that if I can really it it it's, can I visit the project?

1:21:45.590 --> 1:21:46.110

Speaker 2

Yeah you can.

1:21:46.930 --> 1:21:47.260

Speaker 1

Yeah.

1:21:47.120 --> 1:21:47.950

Speaker 2

I can fight you.

1:21:49.830 --> 1:21:50.100

Speaker 2

Yeah.

1:21:48.420 --> 1:21:51.720

Speaker 1

Yes, please. I would love to go to the project.

1:21:52.470 --> 1:21:52.730

Speaker 1

Yeah.

1:21:53.970 --> 1:21:54.890

Speaker 1

So uh.

1:21:54.220 --> 1:21:55.970

Speaker 2

Yeah. Give me appointment. No problem.

1:21:56.270 --> 1:21:59.210

Speaker 1

Yeah, we can. Really. I I wish that I can visit the project.

1:21:59.760 --> 1:22:1.270

Speaker 2

Now you can I fight you.

1:22:1.670 --> 1:22:5.250

Speaker 1

Yes, please. Yes, but when it's more cost.

1:22:4.480 --> 1:22:10.990

Speaker 2

OK, so this is the inside. Yeah. Sorry, just ask me the questions because otherwise I'll go through the presentation and then.

1:22:11.560 --> 1:22:12.850

Speaker 1

Yeah. Yeah, so.

1:22:12.420 --> 1:22:15.410

Speaker 2

You don't have the information you want the interview.

1:22:14.430 --> 1:22:16.280

Speaker 1

Yeah. So yeah, yeah.

1:22:17.520 --> 1:22:19.620

Speaker 1

So the the strategy that you made?

1:22:20.810 --> 1:22:27.590

Speaker 1

First, like you renovate all materials, renovate you, renovate the the, the the roof.

1:22:29.20 --> 1:22:32.670

Speaker 1

Without instead of throwing a material yes or what?

1:22:36.610 --> 1:22:36.890

Speaker 1

Yeah.

1:22:33.390 --> 1:22:39.90

Speaker 2

Yeah, the the roof was a really big mess. So we everything out.

1:22:42.140 --> 1:22:42.470

Speaker 1

OK.

1:22:40.170 --> 1:22:50.380

Speaker 2

And renovated it so that was like demolish and put it over. Put a new layer on it and new isolation because we had to.

1:22:51.180 --> 1:22:59.530

Speaker 2

Uh, there's a bank. You know the norm, norm, like isolation. And yeah, I don't know the English word.

1:22:59.940 --> 1:23:2.10

Speaker 1

Yeah, they yeah, the installation.

1:23:2.420 --> 1:23:16.240

Speaker 2

Yeah, insulation. So we had to, uh, isolate the top, the roof, roof top. And that's also the reason that we have had to replace the class windows also because of the bank.

1:23:17.120 --> 1:23:17.730

Speaker 1

OK.

1:23:18.630 --> 1:23:19.100

Speaker 1

So.

1:23:19.680 --> 1:23:20.830

Speaker 2

He couldn't reuse it.

1:23:22.500 --> 1:23:24.180

Speaker 2

The isolation was not good enough.

1:23:25.320 --> 1:23:29.490

Speaker 1

OK. So we can say like the the roof.

1:23:29.840 --> 1:23:33.710

Speaker 1

Uh, with high quality material. Let's see, yes.

1:23:33.330 --> 1:23:38.210

Speaker 2

Yeah, and circular also. And of life it will be.

1:23:41.340 --> 1:23:42.240

Speaker 2

Recycles.

1:23:47.300 --> 1:23:47.820

Speaker 1

OK.

1:23:53.570 --> 1:23:54.160

Speaker 1

OK.

1:23:53.910 --> 1:23:56.40

Speaker 2

And and because of this. Uh.

1:23:56.860 --> 1:24:0.80

Speaker 2

And also the like the [name of a company] is.

1:24:1.860 --> 1:24:3.0

Speaker 2

A very good advisor.

1:24:4.80 --> 1:24:10.880

Speaker 2

So they helped uh. The Government of [name of a city] and also they got. I don't. I think it was reuse.

1:24:11.600 --> 1:24:12.950

Speaker 2

An expert in.

1:24:13.660 --> 1:24:14.900

Speaker 2

Building materials.

1:24:15.650 --> 1:24:19.370

Speaker 2

To advise what can you reuse.

1:24:19.870 --> 1:24:21.800

Speaker 1

OK so.

1:24:21.310 --> 1:24:23.280

Speaker 2

So they ask an expert to.

1:24:23.420 --> 1:24:23.970

Speaker 1

Yeah.

1:24:24.240 --> 1:24:25.370

Speaker 2

Take a look and.

1:24:27.570 --> 1:24:31.430

Speaker 2

Tell them what can what could be reused so.

1:24:32.380 --> 1:24:33.70

Speaker 2

Ceiling.

1:24:34.810 --> 1:24:35.890

Speaker 2

Uh carpets.

1:24:38.760 --> 1:24:39.330

Speaker 1

OK.

1:24:38.850 --> 1:24:40.740

Speaker 2

Uh, another of existing?

1:24:40.940 --> 1:24:55.430

Speaker 1

Yeah, that's that. That's what I have, because before I interview you, I read I I read the D because I saw your name with [name of a company] in that and the and the article that you mentioned, I think it's it was insert start I think.

1:24:55.710 --> 1:24:57.740

Speaker 2

Yeah, I'm. Yeah, I'm a member of circumstance.

1:24:58.30 --> 1:25:14.420

Speaker 1

Yes, so, uh, it's like you, you are. You mentioned here. Interesting thing because I will come to the because I documented from there. But but you replaced the window with high quality one but the old windows. What what what what you did with the old windows.

1:25:14.700 --> 1:25:17.290

Speaker 2

When back to the labels here of the windows.

1:25:18.200 --> 1:25:20.100

Speaker 1

You send it to the manufacturer.

1:25:21.730 --> 1:25:23.210

Speaker 1

The old the old windows.

1:25:23.690 --> 1:25:29.160

Speaker 2

Yeah, the old windows. I have to look it up. Where exactly did it go? Because we have day.

1:25:30.390 --> 1:25:31.560

Speaker 2

Family business.

1:25:32.670 --> 1:25:34.550

Speaker 2

And they had this uh.

1:25:35.820 --> 1:25:42.300

Speaker 2

Not the diploma, but uh certificate of circularity. And they had. This is also a pilot for them.

1:25:43.490 --> 1:25:49.150

Speaker 2

And I'm not sure where the glass went, but it's somewhere in this document so.

1:25:50.30 --> 1:25:53.930

Speaker 2

Uh, they hand had uh had to.

1:25:54.830 --> 1:25:55.300

Speaker 2

Uh.

1:25:57.90 --> 1:26:0.880

Speaker 2

Yeah, they had to let the.

1:26:2.50 --> 1:26:4.780

Speaker 2

They had Anthony. I don't know what Antony is.

1:26:6.760 --> 1:26:7.500

Speaker 2

Ah.

1:26:8.720 --> 1:26:9.380

Speaker 2

And told him.

1:26:13.200 --> 1:26:14.310

Speaker 2

They have to show.

1:26:16.280 --> 1:26:18.700

Speaker 2

Did they did the right thing and I don't know.

1:26:21.900 --> 1:26:25.660

Speaker 2

They had to demonstrate. I don't know if that's right word anyway this.

1:26:25.830 --> 1:26:33.370

Speaker 2

The they had to demonstrate that everything they took out, they had to get it in a circular.

1:26:35.100 --> 1:26:36.400

Speaker 2

System so to say.

1:26:36.160 --> 1:26:38.440

Speaker 1

Wow, OK so.

1:26:38.70 --> 1:26:43.490

Speaker 2

And the ceilings they went to uh rooks cycle and the glass I'm not sure.

1:26:44.240 --> 1:26:49.400

Speaker 2

The interior there were really, really nice UM office.

1:27:4.610 --> 1:27:4.920

Speaker 1

Very.

1:27:6.160 --> 1:27:6.380

Speaker 1

Sure.

1:26:50.240 --> 1:27:10.100

Speaker 2

Wolves glass office walls. I went to Belgium to uh, a party who is only building circular walls in circular buildings. So they have those connections and they were a very important partner for circularity in the renovation phase.

1:27:11.650 --> 1:27:14.640

Speaker 1

So could could I could I say that like send back?

1:27:15.460 --> 1:27:15.840

Speaker 1

The.

1:27:16.620 --> 1:27:17.240

Speaker 1

Old.

1:27:18.280 --> 1:27:19.610

Speaker 1

Material.

1:27:22.130 --> 1:27:24.120

Speaker 1

Four circular let's say.

1:27:24.270 --> 1:27:27.540

Speaker 1

A. A parties, yes.

1:27:27.790 --> 1:27:28.100

Speaker 2

Yeah.

1:27:31.90 --> 1:27:34.700

Speaker 2

And the walls were like, well, they there was this.

1:27:36.450 --> 1:27:38.0

Speaker 2

Party who? Uh.

1:27:39.330 --> 1:27:42.630

Speaker 2

Reuse the walls like walls. They don't tear them apart.

1:27:43.710 --> 1:27:44.20

Speaker 2

No.

1:27:45.990 --> 1:27:46.310

Speaker 1

Yeah.

1:27:47.410 --> 1:27:56.220

Speaker 1

So you said, uh out, and you send back these discarded material to to circular you you you make sure that nothing sent to the waist.

1:27:56.910 --> 1:27:59.40

Speaker 1

So yes, it depends.

1:27:56.820 --> 1:28:3.860

Speaker 2

Exactly. Yeah. Yeah. Well, not not everything there will. There are? Yeah. No, they.

1:28:5.230 --> 1:28:6.400

Speaker 2

Almost everything.

1:28:6.730 --> 1:28:8.380

Speaker 1

Yeah, and.

1:28:9.300 --> 1:28:14.850

Speaker 2

Like Asbest, it's not. You can't use reuse it as best as as best.

1:28:15.290 --> 1:28:15.880

Speaker 1

Yeah.

1:28:16.70 --> 1:28:16.380

Speaker 2

That's.

1:28:17.140 --> 1:28:17.690

Speaker 1

Yeah.

1:28:17.10 --> 1:28:18.440

Speaker 2

So that's waste anyway.

1:28:18.720 --> 1:28:22.410

Speaker 1

Yeah. And number 4, you reuse the elevator.

1:28:23.150 --> 1:28:26.130

Speaker 1

Uh, you repair and you reuse the elevators, yes.

1:28:26.310 --> 1:28:26.620

Speaker 2

Yep.

1:28:37.420 --> 1:28:37.680

Speaker 2

Yeah.

1:28:38.870 --> 1:28:39.180

Speaker 2

Yeah.

1:28:46.720 --> 1:28:46.990

Speaker 2

Yeah.

1:28:27.230 --> 1:28:50.680

Speaker 1

Yeah. What I saw on the website because I can when I read you replaced the existing lighting system with efficient led light, yes. OK. Then I read that you reuse the existing building components, ceiling panels and the tiles at. Could you just elaborate on this part?

1:28:51.710 --> 1:28:54.910

Speaker 2

Yeah, inserts the they went to insert and they.

1:28:55.570 --> 1:28:56.0

Speaker 2

God.

1:28:57.660 --> 1:29:1.830

Speaker 2

Uh, renovated and we got them back in boxes. It looks like brand new.

1:29:2.490 --> 1:29:4.40

Speaker 2

But the that part old panels.

1:29:3.80 --> 1:29:7.890

Speaker 1

This [name of a company] is is what is, is a company or.

1:29:8.80 --> 1:29:8.840

Speaker 2

[name of a company] yeah.

1:29:10.360 --> 1:29:14.50

Speaker 1

Is it in still? Are they installation expert or or?

1:29:19.480 --> 1:29:21.150

Speaker 1

Ah so.

1:29:21.520 --> 1:29:22.350

Speaker 2

Just a moment.

1:29:44.370 --> 1:29:44.840

Speaker 1

Ah.

1:29:48.300 --> 1:29:49.500

Speaker 1

Ah, OK.

1:29:50.850 --> 1:29:51.300

Speaker 1

Ah.

1:29:52.240 --> 1:29:55.520

Speaker 1

Who thinks circularity working on the future? Ohh.

1:29:57.50 --> 1:29:57.740

Speaker 1

Interesting.

1:29:58.230 --> 1:29:58.560

Speaker 2

Yeah.

1:29:59.240 --> 1:30:7.270

Speaker 1

OK, so the the, the, the ceiling panels and the carpet tiles, I think you call it. They take it and they.

1:30:8.490 --> 1:30:11.440

Speaker 1

It's a clean it up or clean them up or.

1:30:11.630 --> 1:30:19.580

Speaker 2

That it just. Yeah. I'm. I'm uh, yeah. It the ceiling panels. They just they put out they went to this company then they.

1:30:19.710 --> 1:30:21.770

Speaker 2

Uh. Painted it.

1:30:22.420 --> 1:30:22.920

Speaker 1

OK.

1:30:22.920 --> 1:30:25.780

Speaker 2

And they come back in boxes and it looks like brand new.

1:30:26.320 --> 1:30:26.910

Speaker 1

OK.

1:30:28.580 --> 1:30:30.320

Speaker 2

And they are in the fold now.

1:30:31.650 --> 1:30:31.990

Speaker 1

Where?

1:30:32.360 --> 1:30:34.260

Speaker 2

It's a bank, so they are in the fault.

1:30:40.450 --> 1:30:41.50

Speaker 1

Ah.

1:30:42.570 --> 1:30:42.950

Speaker 1

Have.

1:30:49.270 --> 1:30:49.610

Speaker 1

Ah.

1:30:34.930 --> 1:30:51.920

Speaker 2

In in the special part of this uh, of in one of the towers, there's a fault from [name of the previous owner] former, and then there we there is a pile of the boxes and it looks like brand new, but actually there they are. The old panel maybe.

1:30:51.310 --> 1:30:59.380

Speaker 1

So you, but you would use it in the school. Yeah, the panel, that's when those the the ceiling panels you used in the school. Yeah.

1:31:1.130 --> 1:31:3.300

Speaker 2

Yeah, they're going to be used in the school, yeah.

1:31:3.200 --> 1:31:4.430

Speaker 1

Uh, OK.

1:31:4.560 --> 1:31:7.140

Speaker 2

We are now transformation. So uh.

1:31:8.780 --> 1:31:10.730

Speaker 2

Yeah, we need some time, but anyway, yeah.

1:31:11.280 --> 1:31:12.990

Speaker 1

Yeah, really interesting.

1:31:13.320 --> 1:31:16.450

Speaker 2

Yeah, it's, it's, that's nice, but it's only the ceiling.

1:31:16.650 --> 1:31:25.570

Speaker 1

Yeah, but no, I think the ceiling and the carpet tiles or what's what's I I maybe because I I
I translated the the page.

1:31:26.890 --> 1:31:29.640

Speaker 1

When I added the from Circus circus start.

1:31:31.690 --> 1:31:32.770

Speaker 1

There is some script.

1:31:32.30 --> 1:31:33.950

Speaker 2

Select five floor tiles as well.

1:31:34.420 --> 1:31:34.740

Speaker 1

E.

1:31:35.170 --> 1:31:36.390

Speaker 2

Floor tiles, you mean?

1:31:36.90 --> 1:31:37.360

Speaker 1

Auditor tiles.

1:31:38.210 --> 1:31:42.760

Speaker 1

The floor tiles, so also the floor tiles. You, you, you. You did that or only with the ceiling.

1:31:43.460 --> 1:31:44.640

Speaker 2

Yeah, but they got wet.

1:31:45.540 --> 1:31:46.110

Speaker 1

Uh-huh.

1:31:45.970 --> 1:31:46.750

Speaker 2

We had a leak.

1:31:47.490 --> 1:31:48.200

Speaker 1

And just.

1:31:47.510 --> 1:31:49.970

Speaker 2

So there was no water, so that's not going to happen.

1:31:50.610 --> 1:31:50.980

Speaker 1

OK.

1:31:52.730 --> 1:31:54.240

Speaker 1

So but for this.

1:31:53.620 --> 1:31:54.730

Speaker 2

Don't write that down.

1:31:56.100 --> 1:31:57.170

Speaker 1

Then that is it.

1:31:57.40 --> 1:32:4.200

Speaker 2

To explain that the maybe in the second start or maybe let the owner let the Government of [name of a city] explain that.

1:32:4.630 --> 1:32:5.450

Speaker 1

Yeah.

1:32:5.210 --> 1:32:6.260

Speaker 2

Sometimes ***** happens.

1:32:6.830 --> 1:32:11.990

Speaker 1

Yeah. So you so you will not use it the the the floor tiles, yeah.

1:32:13.940 --> 1:32:14.520

Speaker 1

Ah.

1:32:12.470 --> 1:32:14.920

Speaker 2

No, they got wet. They yeah.

1:32:15.490 --> 1:32:15.960

Speaker 1

I see.

1:32:16.250 --> 1:32:16.920

Speaker 2

Was a problem.

1:32:17.560 --> 1:32:18.190

Speaker 1

Helas.

1:32:18.680 --> 1:32:19.270

Speaker 2

Hey, Las.

1:32:19.640 --> 1:32:20.330

Speaker 1

I said this.

1:32:21.50 --> 1:32:32.630

Speaker 1

This the ohh I'd still like that you feel like you return and repair building parts. Yeah.

Many of the building parts, the elements. The moment moment you return it and you.

1:32:33.920 --> 1:32:34.480

Speaker 1

Repair it.

1:32:37.0 --> 1:32:40.620

Speaker 1

Did you kind? Did you do a kind of selective dismantling?

1:32:43.200 --> 1:32:48.500

Speaker 1

Like you dismantled components instead of demolishing. Because I I yeah.

1:32:48.950 --> 1:32:50.230

Speaker 2

There was also in this.

1:32:51.410 --> 1:32:51.960

Speaker 2

Article.

1:32:52.710 --> 1:32:55.780

Speaker 1

Yeah, I I read that point, but could you just explain for me?

1:32:56.900 --> 1:33:2.50

Speaker 1

What kind of things? That you really dismantle them in a state of demolishing them?

1:33:4.720 --> 1:33:5.290

Speaker 2

I'll show.

1:33:6.500 --> 1:33:7.160

Speaker 2

I'll show you.

1:33:14.310 --> 1:33:14.580

Speaker 1

No.

1:33:11.700 --> 1:33:15.700

Speaker 2

And go to reuse it as well. So uh.

1:33:16.810 --> 1:33:17.50

Speaker 1

Huh.

1:33:17.320 --> 1:33:19.110

Speaker 2

This is during uh.

1:33:20.230 --> 1:33:24.560

Speaker 2

Renovation and everything was piled. Uh.

1:33:25.940 --> 1:33:27.210

Speaker 2

By material.

1:33:28.450 --> 1:33:31.680

Speaker 2

But also what's more important here you see?

1:33:32.570 --> 1:33:33.120

Speaker 1

Huh.

1:33:32.650 --> 1:33:37.30

Speaker 2

We couldn't use this anymore, so that went well. Piled up and.

1:33:38.40 --> 1:33:46.250

Speaker 2

But this here you see, uh see ceiling panels with installation in its like.

1:33:48.190 --> 1:33:49.950

Speaker 2

I don't know what the roster is.

1:33:50.740 --> 1:33:51.640

Speaker 2

Uh.

1:33:54.420 --> 1:33:56.840

Speaker 2

In this panels are.

1:33:57.800 --> 1:34:7.210

Speaker 2

Installations. So we just put it together and and uh, there's a clause in it, so it can be you can.

1:34:8.440 --> 1:34:13.310

Speaker 2

Keep it clean and safe for during the transformation.

1:34:14.330 --> 1:34:16.400

Speaker 2

So we are going to use reuse this.

1:34:17.170 --> 1:34:20.200

Speaker 2

In here there are armatura.

1:34:21.240 --> 1:34:46.120

Speaker 2

Lightning is in the in there we are going to reuse. These are multi stylets like a column with electricity and data in it. So you're going to reuse that as well. And then it's very important that you store it in a right way that it's not going to bend or have because it's 1 1/2 year that's going to be there.

1:34:46.780 --> 1:34:56.880

Speaker 2

Before reinstalled and that's really important. Also with the ceiling there is a wooden ceiling and if you have that sneak gling you have to, uh.

1:34:58.200 --> 1:35:0.500

Speaker 2

And take care of.

1:35:1.960 --> 1:35:3.650

Speaker 2

Yeah. Yeah. You have to, really.

1:35:4.430 --> 1:35:6.230

Speaker 2

And the people who are.

1:35:7.30 --> 1:35:8.310

Speaker 2

He will will.

1:35:11.800 --> 1:35:12.650

Speaker 2

I did montera.

1:35:13.890 --> 1:35:25.180

Speaker 2

The people who make it will going to make the ceiling. They also have to you have those people on the building site to get it out of the ceiling.

1:35:26.820 --> 1:35:28.750

Speaker 2

I don't know if I'm really clear.

1:35:28.410 --> 1:35:34.590

Speaker 1

That. Yeah, you guys. So but but I mean I I got the point. So So what what?

1:35:35.260 --> 1:35:42.380

Speaker 1

And beside the ceiling also the the, the, the, the. Let's say they couldn't do it for the wires and so on. You also keep those OK.

1:35:42.40 --> 1:35:44.790

Speaker 2

Yeah, that's on the side as the that's yeah.

1:35:46.620 --> 1:35:47.780

Speaker 2

And that is on site.

1:35:49.420 --> 1:35:53.790

Speaker 1

Yeah, but I mean, for instance, is there, for instance, wall?

1:35:59.70 --> 1:35:59.260

Speaker 2

Yeah.

1:35:55.770 --> 1:36:0.670

Speaker 1

Wall panels that you really did the amount them instead of demolishing them.

1:36:1.760 --> 1:36:2.90

Speaker 1

Yeah.

1:36:0.980 --> 1:36:6.230

Speaker 2

Yep, I have pictures, but I can't look them up as quickly as I want.

1:36:6.220 --> 1:36:9.700

Speaker 1

Yeah, but also did that with with walls and instead of the machine.

1:36:8.950 --> 1:36:11.600

Speaker 2

Yeah. Paneled. Uh. Uh.

1:36:12.810 --> 1:36:14.570

Speaker 2

A [Dutch word] I call that.

1:36:17.100 --> 1:36:17.420

Speaker 1

He was.

1:36:17.20 --> 1:36:17.430

Speaker 2

In theory.

1:36:18.250 --> 1:36:18.750

Speaker 2

Part.

1:36:21.110 --> 1:36:21.300

Speaker 2

Yeah.

1:36:18.70 --> 1:36:22.120

Speaker 1

Yeah. The. So you you dismantle them instead of demoralising, yeah.

1:36:22.390 --> 1:36:22.960

Speaker 2

Yeah, yeah, yeah.

1:36:23.330 --> 1:36:23.730

Speaker 1

Yes.

1:36:27.210 --> 1:36:31.630

Speaker 2

All the walls on the upper floors, which was the upper floor of the.

1:36:32.310 --> 1:36:35.360

Speaker 2

[Dutch word] from the [Dutch word] from the [name of the previous owner], the big bosses.

1:36:37.890 --> 1:36:38.610

Speaker 2

They were.

1:36:39.600 --> 1:36:41.100

Speaker 2

Absolutely not demolished.

1:36:41.890 --> 1:36:50.790

Speaker 1

Ah, interesting. And also like what you show me like not only the ceiling panels and so on. Also, they couldn't do it for the data.

1:36:50.90 --> 1:36:52.980

Speaker 2

Yeah, an installation in the ceiling also.

1:36:58.700 --> 1:37:5.790

Speaker 2

And the lighting. So there is a LED light instead of uh, TL in it, so they refurbished.

1:37:7.970 --> 1:37:8.680

Speaker 2

The lightning.

1:37:11.920 --> 1:37:12.610

Speaker 1

OK.

1:37:14.630 --> 1:37:21.130

Speaker 1

Is there any things like renewable energy, things that you did in this project are not really?

1:37:21.660 --> 1:37:24.740

Speaker 2

Renewal energy like uh yeah, solar panels, you mean?

1:37:25.90 --> 1:37:26.740

Speaker 1

Ah yes, did you?

1:37:27.280 --> 1:37:35.200

Speaker 2

Yeah, but they they have, they have to. Uh, not yet. But they are going to be, they're going to be solar panels on the roof.

1:37:35.170 --> 1:37:35.520

Speaker 1

She.

1:37:42.260 --> 1:37:43.440

Speaker 2

And stop swarming.

1:37:44.310 --> 1:37:48.470

Speaker 2

So it's, yeah, it's, I don't know, warming.

1:37:49.530 --> 1:37:50.580

Speaker 1

The heating or what?

1:37:50.40 --> 1:37:55.740

Speaker 2

But yeah, the heating is uh, more durable than gas or something else.

1:37:57.460 --> 1:37:58.560

Speaker 1

So you will heat.

1:37:58.0 --> 1:38:0.730

Speaker 2

[Dutch word]. I'll put it in the chat.

1:38:1.190 --> 1:38:1.530

Speaker 1

Yes.

1:38:10.980 --> 1:38:11.480

Speaker 1

Forming.

1:38:12.970 --> 1:38:13.510

Speaker 1

Uh.

1:38:18.270 --> 1:38:18.900

Speaker 1

Ah.

1:38:19.970 --> 1:38:21.700

Speaker 1

Ohh district heating.

1:38:23.890 --> 1:38:28.700

Speaker 1

OK, so OK, so this one is for more efficient, yeah.

1:38:38.270 --> 1:38:38.880

Speaker 1

Interesting.

1:38:39.550 --> 1:38:41.340

Speaker 1

Though many many things that you.

1:38:42.920 --> 1:38:43.580

Speaker 2

I found some.

1:38:44.380 --> 1:38:44.810

Speaker 1

Yes.

1:38:44.510 --> 1:38:45.470

Speaker 2

After the picture.

1:38:48.430 --> 1:38:49.330

Speaker 2

So this is.

1:38:50.650 --> 1:38:51.650

Speaker 2

On the top floor.

1:38:52.290 --> 1:38:52.600

Speaker 1

Yeah.

1:38:52.860 --> 1:38:53.960

Speaker 2

And this is sold.

1:38:56.20 --> 1:38:56.280

Speaker 1

Ah.

1:38:59.940 --> 1:39:0.470

Speaker 1

OK.

1:38:56.430 --> 1:39:0.850

Speaker 2

So this furniture is not demolished but sold and this well.

1:39:3.480 --> 1:39:5.550

Speaker 2

And let's see.

1:39:13.690 --> 1:39:13.950

Speaker 2

Yep.

1:39:22.440 --> 1:39:22.860

Speaker 1

OK.

1:39:14.890 --> 1:39:31.840

Speaker 2

Also like this, this is the soft Kate uh, and this is an old kitchen and they reused it so it's and normally because it's not that good quality they put it in the in the container. But now 1 1/2 year the.

1:39:31.920 --> 1:39:36.730

Speaker 2

Uh, they will reuse it on site. That's also nice.

1:39:37.780 --> 1:39:38.150

Speaker 1

Actually.

1:39:39.80 --> 1:39:45.810

Speaker 2

And also very good for environment. Uh, we had to, uh, this is for the other flair mouse.

1:39:47.190 --> 1:39:48.380

Speaker 2

That's for a bet.

1:39:49.730 --> 1:39:50.120

Speaker 2

Bet.

1:39:50.980 --> 1:39:51.580

Speaker 2

Flying bed.

1:39:52.360 --> 1:39:54.300

Speaker 1

Uh option, yeah.

1:39:52.860 --> 1:39:58.890

Speaker 2

You're fat. Don't also things like that were in the they were taking care of.

1:40:1.30 --> 1:40:2.940

Speaker 2

And it's quite this normal.

1:40:4.30 --> 1:40:5.50

Speaker 2

And.

1:40:6.290 --> 1:40:16.230

Speaker 2

What more can I? This is not very interesting. I was looking ohh this is the glass wall.

Ohh. You see on the background here.

1:40:17.480 --> 1:40:22.890

Speaker 2

This is a glass wall and they were sold this. Everything that was a glass wall.

1:40:24.160 --> 1:40:29.470

Speaker 2

All those parts went to Belgium and they were reused like a glass wall.

1:40:33.770 --> 1:40:35.960

Speaker 2

And the furniture, of course. But that's not so.

1:40:42.510 --> 1:40:42.860

Speaker 1

So.

1:40:43.700 --> 1:40:52.10

Speaker 1

You made that you really as also as that by this like not only syndicate, but solving it kind of adding value, yeah.

1:40:52.690 --> 1:40:53.50

Speaker 2

Mm-hmm.

1:40:53.880 --> 1:40:55.420

Speaker 1

Yeah, interesting.

1:40:57.810 --> 1:40:59.660

Speaker 1

I'm looking forward to visiting the project.

1:41:2.170 --> 1:41:2.880

Speaker 1

Yeah.

1:41:4.180 --> 1:41:14.330

Speaker 1

And so now I I I really learned a lot of things, but I have a two questions. What were the aspects that really facilitated doing the circular?

1:41:14.730 --> 1:41:18.740

Speaker 1

Uh, uh, and adaptable strategies. Uh.

1:41:20.340 --> 1:41:31.510

Speaker 1

Uh, last night we don't before I'm I'm. I asked this question is there a adaptable strategy like you you used flexible walls or something like that to facilitate future changes?

1:41:32.210 --> 1:41:32.850

Speaker 1

And it was.

1:41:32.290 --> 1:41:33.360

Speaker 2

No, not really.

1:41:35.60 --> 1:41:36.170

Speaker 2

No, that's a shame.

1:41:36.780 --> 1:41:37.370

Speaker 1

Yeah.

1:41:36.830 --> 1:41:46.140

Speaker 2

It's going to be no, it's uh only uh, like uh, the walls with uh the the metal and the cost, unfortunately.

1:41:46.480 --> 1:41:48.260

Speaker 1

Yeah, so I did.

1:41:48.40 --> 1:41:54.210

Speaker 2

And that because it is cool and the school has certain, uh, yeah, well, like.

1:41:55.930 --> 1:41:57.50

Speaker 2

Soundproof.

1:41:56.770 --> 1:41:57.150

Speaker 1

So.

1:41:59.540 --> 1:42:0.140

Speaker 2

Issues.

1:42:1.920 --> 1:42:4.850

Speaker 2

So there. Yeah, well, we are going to make cost.

1:42:5.890 --> 1:42:7.560

Speaker 2

Wolves and fortunately.

1:42:9.740 --> 1:42:10.10

Speaker 1

I see.

1:42:9.550 --> 1:42:11.400

Speaker 2

So that's not very future proof.

1:42:12.10 --> 1:42:12.580

Speaker 1

Yeah.

1:42:13.150 --> 1:42:16.310

Speaker 2

And I've learned it now. I I showed you this.

1:42:25.490 --> 1:42:25.900

Speaker 1

OK.

1:42:18.230 --> 1:42:26.240

Speaker 2

Panels, I said. There are panels and there's uh installation in it and that's what I mean.
So those long panels.

1:42:27.70 --> 1:42:27.770

Speaker 2

They were.

1:42:28.800 --> 1:42:29.400

Speaker 2

Wrapped.

1:42:30.50 --> 1:42:35.220

Speaker 2

And Stort and there are. Yeah. I don't know what the English word for this is. How do you call this?

1:42:36.540 --> 1:42:38.480

Speaker 1

Uh diffuser.

1:42:38.770 --> 1:42:40.260

Speaker 2

A fan of or something?

1:42:40.640 --> 1:42:42.660

Speaker 1

Diffuser diffuser the earth diffuser.

1:42:41.810 --> 1:42:43.520

Speaker 2

OK, sure. Yeah.

1:42:43.390 --> 1:42:43.870

Speaker 1

Yeah.

1:42:47.330 --> 1:42:47.600

Speaker 1

Yeah.

1:42:44.250 --> 1:42:51.240

Speaker 2

And that's what was like uh wrapped in blue paper and we keep it on the side and we reuse it.

1:42:51.780 --> 1:42:52.230

Speaker 1

OK.

1:42:54.190 --> 1:42:56.480

Speaker 1

No. OK, I see.

1:42:57.800 --> 1:42:58.710

Speaker 1

Yeah. So.

1:42:58.190 --> 1:43:1.460

Speaker 2

And what is very important is that you.

1:43:2.630 --> 1:43:3.460

Speaker 2

Take care of.

1:43:4.170 --> 1:43:8.680

Speaker 2

Everything in it. So this is all [name] is like a brick.

1:43:9.710 --> 1:43:16.210

Speaker 2

Marble it is marble and in under this floor is also marble and we have to it's. Uh really uh.

1:43:18.230 --> 1:43:23.500

Speaker 2

Well, the marble floor, we wanted to keep. And so everything here is.

1:43:25.430 --> 1:43:26.870

Speaker 2

Uh, protect?

1:43:26.590 --> 1:43:27.870

Speaker 1

Resident protect.

1:43:27.590 --> 1:43:28.660

Speaker 2

Everything, yeah.

1:43:29.670 --> 1:43:30.100

Speaker 1

I see.

1:43:30.950 --> 1:43:34.560

Speaker 1

Yeah, it seems that you will protect the identity of the bank's a bit.

1:43:35.920 --> 1:43:37.180

Speaker 1

Yeah, yeah.

1:43:38.260 --> 1:43:43.230

Speaker 1

But it's it's nice because to be honest, it's more monuments, so it's really nice and yeah.

1:43:43.680 --> 1:43:45.580

Speaker 2

The floor is also a monumental.

1:43:46.50 --> 1:43:46.440

Speaker 1

Yeah.

1:43:47.210 --> 1:43:58.100

Speaker 1

So it's it's good to protect that one. Uh, we we we do now I will ask because we are talking about [name of the project] and it's really awesome and amazing project.

1:43:58.680 --> 1:44:4.890

Speaker 1

Uh, I want to ask 22 questions. The first one is what, what were the?

1:44:6.170 --> 1:44:7.650

Speaker 1

Let's say the the, the, the.

1:44:9.160 --> 1:44:10.50

Speaker 1

The aspects.

1:44:10.770 --> 1:44:15.960

Speaker 1

Or the factors, enablers that really facilitate doing those strategies?

1:44:17.440 --> 1:44:18.90

Speaker 2

The owner.

1:44:20.450 --> 1:44:21.0

Speaker 2

Yeah, yeah.

1:44:22.600 --> 1:44:24.890

Speaker 2

That's that's the most important.

1:44:25.970 --> 1:44:28.830

Speaker 2

Dry her. No, no facilitator. Yeah.

1:44:30.160 --> 1:44:30.380

Speaker 1

OK.

1:44:30.730 --> 1:44:36.580

Speaker 2

And the from [name] the constructor are you call that a [name]?

1:44:36.120 --> 1:44:38.420

Speaker 1

Good contractor probably.

1:44:38.770 --> 1:44:40.160

Speaker 2

Yeah, building contractor.

1:44:42.60 --> 1:44:42.370

Speaker 1

We.

1:44:50.430 --> 1:44:50.770

Speaker 1

OK.

1:44:42.620 --> 1:44:57.770

Speaker 2

And they make things even better because of a I don't know if it's it's it's the whole team we want to build circular and then and the all the the people who work for [name of a company].

1:44:58.630 --> 1:45:7.770

Speaker 2

On this side, I don't know on other people, of course, but on this side they are really they really think the same way and they.

1:45:8.720 --> 1:45:11.710

Speaker 2

Have ideas themselves.

1:45:12.380 --> 1:45:14.770

Speaker 2

For instance, I can give you an example.

1:45:17.310 --> 1:45:18.90

Speaker 2

I'll show you.

1:45:19.120 --> 1:45:26.880

Speaker 2

This is uh, how to [Dutch word] plates? And this is an initiative. Uh, the contractor suggested.

1:45:27.570 --> 1:45:28.860

Speaker 2

Because the.

1:45:29.660 --> 1:45:32.170

Speaker 2

Uh, the they?

1:45:33.30 --> 1:45:40.20

Speaker 2

We're off to get rid of all those cement plates and put new ones.

1:45:41.400 --> 1:45:42.380

Speaker 2

On the wall again.

1:45:43.280 --> 1:45:44.160

Speaker 2

And they said.

1:45:44.820 --> 1:45:48.440

Speaker 2

Actually we are having trouble removing it.

1:45:49.80 --> 1:45:59.590

Speaker 2

Because if you see this whole in this hole, can I zoom in? Yeah. And in this hole, it's like a [Dutch word]. Like it's an oil product on the back.

1:46:0.310 --> 1:46:12.920

Speaker 2

So why should you remove and make waste out of all those panels with all this oil on the back and put new oil and new panels?

1:46:13.910 --> 1:46:23.200

Speaker 2

So we asked, we went to the architect and said is it a? Is it OK when if we leave everything what is intact and with the damaged ones?

1:46:24.560 --> 1:46:30.810

Speaker 2

Of course we are going to replace the panels are available still available, so that's really important.

1:46:32.80 --> 1:46:39.290

Speaker 2

In the same structure and then if you paint it, you will not see if it's a new one or an old one.

1:46:40.140 --> 1:46:46.770

Speaker 2

They said, OK, that's good. Let's do that. So that's in an initiative of the contractor for dinner.

1:46:49.60 --> 1:46:49.750

Speaker 2

They.

1:46:51.350 --> 1:46:58.410

Speaker 2

A set. Maybe this is a good idea and the architect. He's also a very good one. He's like looking at the.

1:46:59.210 --> 1:47:9.60

Speaker 2

Uh solutions and not holding back and say no, we won't be and this is our idea. And so it's a good corporation.

1:47:9.600 --> 1:47:10.940

Speaker 1

OK so.

1:47:10.380 --> 1:47:11.950

Speaker 2

So good team.

1:47:12.380 --> 1:47:20.160

Speaker 1

So I can say because everything the owner of the contractor, but also then you mention that the collaboration and the vision.

1:47:20.950 --> 1:47:21.220

Speaker 2

Yeah.

1:47:21.410 --> 1:47:23.130

Speaker 1

I can say like the collaboration.

1:47:23.820 --> 1:47:24.730

Speaker 1

The shared vision.

1:47:25.400 --> 1:47:31.270

Speaker 1

And the ambitious team, or like, let's say like that. Yeah, the.

1:47:31.10 --> 1:47:34.900

Speaker 2

Something different to them with their perspective for the future.

1:47:37.630 --> 1:47:40.560

Speaker 2

The circular city the doughnut city. Did you know that?

1:47:40.990 --> 1:47:41.900

Speaker 1

Yeah.

1:47:43.140 --> 1:47:47.300

Speaker 1

I heard about the the doughnut. Uh. Model of Amsterdam, yeah.

1:47:46.690 --> 1:47:48.510

Speaker 2

Yeah. So that's also a reason.

1:47:49.110 --> 1:47:49.780

Speaker 1

Yeah.

1:47:51.220 --> 1:47:52.10

Speaker 2

And they shoot.

1:47:54.530 --> 1:47:56.320

Speaker 2

They should, and they do.

1:47:55.670 --> 1:48:1.40

Speaker 1

Yeah, yes. And and to be honest, it's interesting project.

1:48:1.800 --> 1:48:7.270

Speaker 1

And I think it reflects what's what, what the people are aiming or like what what what.

1:48:7.950 --> 1:48:9.290

Speaker 1

Let's embed, yeah.

1:48:9.110 --> 1:48:11.760

Speaker 2

Yeah, but this is a building with high quality.

1:48:12.210 --> 1:48:12.480

Speaker 1

Yeah.

1:48:13.180 --> 1:48:17.250

Speaker 2

And there will be packages like her, uh, 31 of May.

1:48:17.380 --> 1:48:21.450

Speaker 2

And there's there will be an evening in Amsterdam.

1:48:22.450 --> 1:48:25.260

Speaker 2

And this is the uh, the main subject of the evening.

1:48:25.960 --> 1:48:27.690

Speaker 2

The architect will be there as well.

1:48:28.940 --> 1:48:30.290

Speaker 1

When it's when it will be.

1:48:30.900 --> 1:48:32.660

Speaker 2

Uh, 31 of May.

1:48:33.710 --> 1:48:34.440

Speaker 1

That's your first.

1:48:41.220 --> 1:48:42.300

Speaker 2

We can go together.

1:48:42.840 --> 1:48:43.250

Speaker 1

Yeah.

1:48:46.350 --> 1:48:46.680

Speaker 1

Yeah.

1:48:48.770 --> 1:48:49.750

Speaker 2

Look it up. Look it up.

1:48:51.30 --> 1:48:55.490

Speaker 2

10 May 10 I don't want my. Let's look it up.

1:48:56.980 --> 1:48:58.360

Speaker 2

31 of May.

1:48:59.770 --> 1:49:3.520

Speaker 2

New City or something? It's called the new city, or.

1:49:5.490 --> 1:49:8.150

Speaker 2

The DNA of the [name of the project].

1:49:10.210 --> 1:49:11.190

Speaker 2

Share.

1:49:12.170 --> 1:49:16.280

Speaker 2

Here it is the DNA found at the day and half on its own Casteel.

1:49:17.760 --> 1:49:18.700

Speaker 2

This is nice.

1:49:19.700 --> 1:49:20.190

Speaker 2

Can I?

1:49:19.670 --> 1:49:20.200

Speaker 1

To to start.

1:49:20.950 --> 1:49:22.700

Speaker 2

Yeah, 31 of May.

1:49:26.710 --> 1:49:31.360

Speaker 2

So this is the yeah, the transformation of the sound Costello.

1:49:31.760 --> 1:49:32.180

Speaker 1

Yeah.

1:49:32.420 --> 1:49:34.960

Speaker 2

And you can make a reservation. It's a.

1:49:36.170 --> 1:49:37.370

Speaker 2

In new metropolis.

1:49:39.50 --> 1:49:39.560

Speaker 1

Yeah.

1:49:40.140 --> 1:49:40.710

Speaker 2

If you want.

1:49:41.0 --> 1:49:44.70

Speaker 1

Yeah. What do you send me the link, please put that.

1:49:43.150 --> 1:49:45.960

Speaker 2

Yes, we'll put. Yeah. Yeah, sure.

1:49:46.610 --> 1:49:46.760

Speaker 1

Yeah.

1:49:55.900 --> 1:49:56.270

Speaker 1

Check.

1:49:49.890 --> 1:49:58.270

Speaker 2

And then you can ask all those questions to Max front Hood. He's the original, the the owner of Alberts in front.

1:49:59.800 --> 1:50:2.930

Speaker 2

And it's the architect of this kind of.

1:50:3.570 --> 1:50:5.990

Speaker 2

Beautiful uh architecture.

1:50:6.870 --> 1:50:7.480

Speaker 1

I see.

1:50:7.90 --> 1:50:9.800

Speaker 2

And he told that there's also. Uh, yeah, he.

1:50:10.670 --> 1:50:12.810

Speaker 2

Every uh.

1:50:13.740 --> 1:50:21.890

Speaker 2

Work in the building. If you sit on a floor and there's not, you are always within 6 meter of a window.

1:50:22.980 --> 1:50:23.350

Speaker 1

This.

1:50:23.400 --> 1:50:23.760

Speaker 2

Let's see.

1:50:24.580 --> 1:50:26.180

Speaker 1

And and if you sent Castiel, you mean?

1:50:26.980 --> 1:50:27.400

Speaker 1

Yeah.

1:50:30.40 --> 1:50:30.420

Speaker 1

Yeah.

1:50:26.300 --> 1:50:32.310

Speaker 2

Yeah, yeah. So the architect took care of that. So every worker in the building.

1:50:33.20 --> 1:50:46.320

Speaker 2

On a floor that of an on an office floor, you will always be within 6 meter of a window because that's the reason that the the, the, the, the OR organic form is like what it is.

1:50:47.740 --> 1:50:52.230

Speaker 1

And the the the event will be will, will will be in new metropolis.

1:50:52.730 --> 1:50:54.50

Speaker 2

Yeah, southeast.

1:50:54.530 --> 1:50:54.950

Speaker 1

OK.

1:50:57.160 --> 1:51:0.370

Speaker 1

Interesting. And it's, uh, 7:30 PM.

1:51:1.40 --> 1:51:3.20

Speaker 1

When I saw the my agenda, it's I haven't.

1:51:3.720 --> 1:51:4.210

Speaker 1

No.

1:51:3.860 --> 1:51:5.480

Speaker 2

How safe and yeah, yeah.

1:51:5.700 --> 1:51:7.900

Speaker 1

Uh, which is good because uh, I have.

1:51:8.660 --> 1:51:11.0

Speaker 1

I can make it uh that day.

1:51:11.710 --> 1:51:16.460

Speaker 2

I'm going to be there so we can meet there or maybe grab some.

1:51:18.790 --> 1:51:19.270

Speaker 2

Dinner.

1:51:19.730 --> 1:51:20.150

Speaker 1

Yes.

1:51:29.570 --> 1:51:30.20

Speaker 1

Yeah.

1:51:20.750 --> 1:51:30.500

Speaker 2

And Pakos is very her. So that's really nice. Nice place to get information you need and people like.

1:51:31.60 --> 1:51:31.400

Speaker 1

Yeah.

1:51:31.640 --> 1:51:40.300

Speaker 2

And it depends on the subject of the evening, but you will find really nice architects like.

1:51:41.990 --> 1:51:42.560

Speaker 2

And.

1:51:43.330 --> 1:51:44.100

Speaker 2

Router.

1:51:45.530 --> 1:51:49.730

Speaker 2

OK, cool time for breath valko folk. Do you know studio Falcon here?

1:51:50.690 --> 1:51:52.900

Speaker 1

Did you block me? I hear there was. Did you work in here?

1:51:56.910 --> 1:51:57.780

Speaker 2

They developed.

1:51:58.530 --> 1:52:4.770

Speaker 2

They also that artist on the Frances, there's also one of my projects and they it was.

1:52:7.800 --> 1:52:10.120

Speaker 2

Skyward and sees all this way and.

1:52:11.50 --> 1:52:14.650

Speaker 2

Anyway, if you if you look up studio Falcon here is really nice.

1:52:16.170 --> 1:52:16.950

Speaker 2

No, I have to.

1:52:17.580 --> 1:52:19.430

Speaker 1

Yes. Did you walk near?

1:52:20.320 --> 1:52:23.470

Speaker 1

I heard about it quite often. City walk near.

1:52:25.860 --> 1:52:26.510

Speaker 2

That's good.

1:52:27.100 --> 1:52:27.450

Speaker 1

Yeah.

1:52:28.180 --> 1:52:35.580

Speaker 1

Since you've all come here, I heard about it quite often in the faculty. I'm not sure why what colleagues like when we had the.

1:52:37.390 --> 1:52:41.610

Speaker 1

I mean and and our faculty. When we had lunch, I at he heard about it quite often.

1:52:42.60 --> 1:52:45.600

Speaker 2

Yeah, this is also a. This is the website studio Falcon here.

1:52:46.280 --> 1:52:46.470

Speaker 1

Yeah.

1:52:46.380 --> 1:52:51.240

Speaker 2

And friends. And this is uh [name of a project] in the Amsterdam.

1:52:52.420 --> 1:52:55.730

Speaker 2

And it was also really, really, really nice project.

1:52:56.530 --> 1:53:0.260

Speaker 2

And this is like this is an old window, so you see.

1:53:2.110 --> 1:53:4.510

Speaker 2

Uh lightning elements.

1:53:5.180 --> 1:53:8.510

Speaker 2

Here in in the in the in the room in the space.

1:53:9.200 --> 1:53:17.330

Speaker 2

And they were made of old, the old windows and also here like a vitrina. There's a plant in it.

1:53:18.360 --> 1:53:18.930

Speaker 2

So.

1:53:19.620 --> 1:53:20.540

Speaker 2

Exterior.

1:53:21.220 --> 1:53:22.400

Speaker 2

Parts were.

1:53:23.440 --> 1:53:24.200

Speaker 2

Moved in.

1:53:25.190 --> 1:53:25.690

Speaker 1

Yeah.

1:53:25.480 --> 1:53:26.200

Speaker 2

Really nice.

1:53:26.700 --> 1:53:27.80

Speaker 1

Yeah.

1:53:27.830 --> 1:53:32.410

Speaker 2

He said this was last year, two years ago. When was it?

1:53:36.200 --> 1:53:36.580

Speaker 1

Ah.

1:53:33.600 --> 1:53:42.820

Speaker 2

So I did this one for Studio Falconeer was really nice and he's also one of the speakers regularly speakers at Pakai Syfer.

1:53:44.620 --> 1:53:45.60

Speaker 1

I see.

1:53:44.470 --> 1:53:47.610

Speaker 2

And also if I don't know, I have to share my.

1:53:48.600 --> 1:53:50.410

Speaker 2

Desktop again, I think.

1:53:50.990 --> 1:53:51.780

Speaker 2

Uh.

1:53:54.60 --> 1:53:57.360

Speaker 2

But also nice project and nice architect.

1:53:58.340 --> 1:53:58.830

Speaker 2

Is.

1:54:1.100 --> 1:54:3.470

Speaker 2

[name] in Amsterdam.

1:54:12.410 --> 1:54:12.690

Speaker 1

OK.

1:54:4.90 --> 1:54:16.500

Speaker 2

And let's see if I can or this one. This is a very nice picture. This is a primary school in in the West of Amsterdam and we.

1:54:18.470 --> 1:54:29.720

Speaker 2

While the architect designed with materials like durable materials and we reused like an old gym floor.

1:54:30.320 --> 1:54:30.790

Speaker 1

Ah.

1:54:30.490 --> 1:54:31.120

Speaker 2

Is this?

1:54:32.50 --> 1:54:38.20

Speaker 2

And this gem flow was coming out of a project four years before this project.

1:54:39.110 --> 1:54:52.340

Speaker 2

Also from for the government I uh worked on that project and I saw this flow and I said ohh guys, we are not going to give that away to the contractor, aren't we so happily.

1:54:53.110 --> 1:54:58.100

Speaker 2

Uh, we could reuse it in the school and this is the school interior.

1:54:58.700 --> 1:54:59.140

Speaker 1

Ah.

1:55:0.700 --> 1:55:1.10

Speaker 1

Yeah.

1:54:59.250 --> 1:55:2.440

Speaker 2

It's really beautiful. You see this? Uh, gym floor.

1:55:3.10 --> 1:55:3.390

Speaker 1

Yeah.

1:55:16.700 --> 1:55:17.160

Speaker 1

Yeah.

1:55:3.650 --> 1:55:17.400

Speaker 2

And this, uhm, stairs is made of Tripolis building. And then now, if you know this building triples nearby the [name of a project] in Amsterdam and between the windows you see the woods and that woods.

1:55:18.440 --> 1:55:20.60

Speaker 2

Is the same as this would.

1:55:20.340 --> 1:55:21.360

Speaker 1

Used in the stairs.

1:55:21.700 --> 1:55:25.280

Speaker 2

Yeah, that's there. And also in.

1:55:31.430 --> 1:55:31.650

Speaker 1

Yeah.

1:55:25.980 --> 1:55:33.240

Speaker 2

The spare hallway, so to say it is really beautiful. It is me. Really, really beautiful.

1:55:34.450 --> 1:55:41.410

Speaker 2

And also the K PMP CAPM face bow. This is uh copy him say in in [name].

1:55:42.220 --> 1:55:48.230

Speaker 2

So that was a donor building. It's also Alberts infanthood, the same architect who built some Castile.

1:55:48.640 --> 1:55:48.940

Speaker 1

Uh.

1:55:49.170 --> 1:55:50.740

Speaker 2

This is a later project.

1:55:51.680 --> 1:56:3.530

Speaker 2

And in the the and I had connections and they said OK Lena, we are going to strip this building. Can you use products out of this one? I went there with mock architects.

1:56:4.450 --> 1:56:7.170

Speaker 2

And they said OK, we can reuse UM.

1:56:8.310 --> 1:56:9.350

Speaker 2

Doors and.

1:56:10.750 --> 1:56:20.490

Speaker 2

We can reuse doors and ceiling, so this is the ceiling. The old ceiling of that, uh uh, yeah, of that building.

1:56:22.160 --> 1:56:25.710

Speaker 2

And was really nicely packed. You see this is the same.

1:56:27.900 --> 1:56:28.570

Speaker 2

Ohh.

1:56:30.0 --> 1:56:30.910

Speaker 2

You're 50.

1:56:29.90 --> 1:56:30.990

Speaker 1

It's so convenient. Village. I had spoke.

1:56:33.170 --> 1:56:33.930

Speaker 1

Yeah, sorry.

1:56:35.870 --> 1:56:36.810

Speaker 2

Ohh you're.

1:56:34.0 --> 1:56:38.250

Speaker 1

You're gonna closing in 30 minutes. Yeah. No, no, I still have 30 minutes.

1:56:40.240 --> 1:56:40.830

Speaker 1

Yeah.

1:56:42.370 --> 1:56:42.620

Speaker 1

Yeah.

1:56:38.540 --> 1:56:45.370

Speaker 2

Yeah, but anyway this is also really nice. Uh, architect and I'll I'll send the link of that.

1:56:45.880 --> 1:56:46.540

Speaker 1

Yeah, please.

1:56:53.360 --> 1:56:53.840

Speaker 1

Ah.

1:56:55.260 --> 1:56:55.890

Speaker 1

Yeah.

1:57:4.470 --> 1:57:4.840

Speaker 1

Yes.

1:56:47.500 --> 1:57:5.340

Speaker 2

Milk architecture and they maybe are going to win a prize. So I'm invited on this evening. That's two weeks from now and maybe they win a prize with this, with this cool and this cool is is really beautiful with or really reuse materials like you see, it's really, really nice.

1:57:6.310 --> 1:57:6.470

Speaker 1

Yeah.

1:57:6.840 --> 1:57:8.440

Speaker 2

And I'm part of it. Yay.

1:57:9.420 --> 1:57:10.530

Speaker 1

So hopefully they will win.

1:57:15.320 --> 1:57:15.720

Speaker 1

Yeah.

1:57:10.730 --> 1:57:16.460

Speaker 2

Makes. Yeah. Yeah. I don't think so. But I hope so. I hope so, yeah.

1:57:20.920 --> 1:57:21.990

Speaker 2

I'll put it in the chat.

1:57:26.960 --> 1:57:30.690

Speaker 2

And it is basically the way it'll pass is full.

1:57:35.960 --> 1:57:37.110

Speaker 2

Really nice project.

1:57:37.140 --> 1:57:37.490

Speaker 1

Yes.

1:57:38.240 --> 1:57:40.230

Speaker 1

Is that also in Amsterdam? Yeah.

1:57:41.400 --> 1:57:41.710

Speaker 1

Yes.

1:57:41.110 --> 1:57:42.340

Speaker 2

In the West, yeah.

1:57:43.710 --> 1:57:44.700

Speaker 1

Yeah. Nice.

1:57:47.190 --> 1:57:47.650

Speaker 1

Yes.

1:57:44.320 --> 1:57:48.840

Speaker 2

I'm so happy to work on project like this. I'm a really really privileged.

1:57:49.300 --> 1:57:57.450

Speaker 1

Yeah, to be honest you it's very nice to work in something that's like projects, but also innovative and circular and so on.

1:57:58.510 --> 1:57:58.840

Speaker 1

Yeah.

1:58:0.830 --> 1:58:1.340

Speaker 1

Yeah.

1:57:58.990 --> 1:58:3.520

Speaker 2

Yeah, but it's because I always had this vision.

1:58:4.680 --> 1:58:16.770

Speaker 2

More than 10 years? Uh, 12 years uh. And then people said to me. Ohh no what you want? It can't be done. I said it can't be done because it doesn't fit in your spreadsheet. That's the problem.

1:58:17.950 --> 1:58:27.980

Speaker 2

And then I went on and went on. I went on and now they say ohh you are already experienced in circular building. Can you please advise us?

1:58:29.360 --> 1:58:33.540

Speaker 2

So I went from donkey shot. I felt like a donkey shot that time.

1:58:34.790 --> 1:58:36.750

Speaker 2

To an advisor, yeah.

1:58:37.310 --> 1:58:37.860

Speaker 1

You did it.

1:58:39.210 --> 1:58:39.380

Speaker 2

Yeah.

1:58:38.840 --> 1:58:39.840

Speaker 1

And he deserved.

1:58:40.880 --> 1:58:41.910

Speaker 1

Yeah. So.

1:58:41.650 --> 1:58:42.320

Speaker 2

Yeah.

1:58:42.590 --> 1:58:43.790

Speaker 1

Yeah, really, it's really nice.

1:58:44.480 --> 1:58:45.90

Speaker 2

Yeah.

1:58:45.340 --> 1:59:3.930

Speaker 1

Yeah, it at the the next question is that like a new now the the factors that enable enabled or like the things that facilitated the facilitators of those strategies, but what are our where the difficulties or the barriers that you face?

1:59:4.900 --> 1:59:5.170

Speaker 1

And this.

1:59:4.880 --> 1:59:6.440

Speaker 2

Still facing you mean?

1:59:8.160 --> 1:59:9.920

Speaker 2

Various we are still facing.

1:59:10.110 --> 1:59:10.710

Speaker 1

Yes.

1:59:13.880 --> 1:59:15.290

Speaker 2

The problem the problems.

1:59:15.380 --> 1:59:15.980

Speaker 2

And.

1:59:17.860 --> 1:59:29.570

Speaker 2

Yeah. Well, I can only say one thing, you have to do research, research, and research. Research what you have in your building. What is the state of your installation?

1:59:31.810 --> 1:59:32.390

Speaker 2

And.

1:59:34.10 --> 1:59:37.470

Speaker 2

Yeah. Well, I can show you one thing. Yeah. You have to do research.

1:59:37.940 --> 1:59:42.770

Speaker 1

Yeah. So can I say like lack of data is is, is, is one of these things.

1:59:43.290 --> 1:59:43.970

Speaker 2

Yeah.

1:59:44.970 --> 1:59:45.380

Speaker 2

Yes.

1:59:50.190 --> 1:59:50.660

Speaker 1

Sears.

1:59:48.120 --> 1:59:51.430

Speaker 2

You need data. You need to know what you are.

1:59:52.160 --> 1:59:53.590

Speaker 2

Uh. Uh.

1:59:54.490 --> 1:59:56.840

Speaker 2

Pinpoint what's what's your start.

1:59:58.930 --> 2:0:0.220

Speaker 2

That's really important.

2:0:2.720 --> 2:0:5.690

Speaker 2

What do you have in hands? What? What's yeah.

2:0:11.340 --> 2:0:14.510

Speaker 2

It's everything in your building as good as you think it is.

2:0:16.810 --> 2:0:22.820

Speaker 2

Is it worth keeping? Do you want to keep it or is it better to replace it?

2:0:23.700 --> 2:0:25.340

Speaker 2

What is your? What is the quality?

2:0:30.310 --> 2:0:31.230

Speaker 2

One example.

2:0:32.980 --> 2:0:33.270

Speaker 1

Yes.

2:0:32.790 --> 2:0:33.920

Speaker 2

Maybe to illustrate.

2:0:36.260 --> 2:0:39.620

Speaker 2

This is basically the viral burger and we stripped everything.

2:0:41.20 --> 2:0:48.650

Speaker 2

Uh, back. So this is only concrete and we thought everything was normal concrete, but this is gas concrete.

2:0:49.280 --> 2:1:13.550

Speaker 2

And we had to do this job during summer holiday because of the school. There was the only because the school was. You can see here. This is the old school, you know. And I showed you. But on the back there is a school yard and there will would be a containers to, for to.

2:1:13.730 --> 2:1:15.860

Speaker 2

Uh for the students?

2:1:17.170 --> 2:1:30.470

Speaker 2

So that's nearby this project, so you can't tear everything down while there are lessons. So we had to do this during holiday, summer holiday, but we could start building.

2:1:31.280 --> 2:1:33.830

Speaker 2

Half a year later, so that was.

2:1:35.240 --> 2:1:52.390

Speaker 2

Uh midwinter. But then we saw this is gas, concrete. So if you have gas, concrete and it's like this, the rain is pouring in. And if you got a very heavy winter with zero temperatures and below, then it will.

2:1:56.550 --> 2:1:57.910

Speaker 2

Yeah, yeah.

2:1:57.130 --> 2:1:58.280

Speaker 1

Collapse probably.

2:1:59.290 --> 2:1:59.640

Speaker 2

Sorry.

2:1:59.140 --> 2:2:1.980

Speaker 1

To to realize it did, to rewrite it. Probably, yeah.

2:2:2.950 --> 2:2:3.150

Speaker 1

Yeah.

2:2:2.140 --> 2:2:12.930

Speaker 2

Yeah. Thank you. So if you know this and you are then then you can do something about it. So this is what we did. We just put a raincoat.

2:2:13.740 --> 2:2:14.30

Speaker 1

Yeah.

2:2:14.490 --> 2:2:23.780

Speaker 2

On the wall. Otherwise it was like all the the the wind, all the walls on the end of the building and the safety stairs.

2:2:24.670 --> 2:2:33.800

Speaker 2

And if you know what the quality is of your material, then you are able to get the right measures otherwise.

2:2:34.800 --> 2:2:37.880

Speaker 2

Then there will be a lot of rain in it and then it will freeze.

2:2:39.190 --> 2:2:39.520

Speaker 2

And.

2:2:40.810 --> 2:2:44.10

Speaker 2

Yeah, you have to rebuild all your guests.

2:2:44.720 --> 2:2:47.330

Speaker 2

Uh concrete walls again.

2:2:48.790 --> 2:2:59.100

Speaker 2

So that's really important that you know what the quality of your material is, what you should do about it if the if it's like like this example, it's in the out in the open.

2:3:0.710 --> 2:3:7.860

Speaker 2

And also with uh, some Casteel there we have a problem with uh sanitariums because uh, it looks very good.

2:3:8.700 --> 2:3:19.960

Speaker 2

But it's all already 30 years there and I don't know if I've got a picture to show, but we have to replace a lot of toilets, unfortunately.

2:3:24.250 --> 2:3:25.170

Speaker 2

Solitaire.

2:3:26.350 --> 2:3:27.510

Speaker 2

Uh, no, I can't.

2:3:28.550 --> 2:3:30.440

Speaker 2

Now it's not in my file yet.

2:3:30.480 --> 2:3:35.520

Speaker 1

So we can see that the third challenge was the deterioration of some of the materials, yes.

2:3:36.570 --> 2:3:37.920

Speaker 2

Sorry, what?

2:3:38.70 --> 2:3:39.610

Speaker 1

Like lack of data.

2:3:40.70 --> 2:3:40.590

Speaker 2

Yeah.

2:3:40.980 --> 2:3:45.250

Speaker 1

Lack of uh, like difficulty of like knowing where to start.

2:3:50.60 --> 2:3:50.560

Speaker 2

Yeah.

2:3:45.740 --> 2:3:52.300

Speaker 1

And no difficulty to know the quality of material, but also now you mentioned that also.

2:4:0.900 --> 2:4:1.90

Speaker 2

Yeah.

2:3:53.930 --> 2:4:1.940

Speaker 1

Uh. Uh, like quality material deterioration or something like that? Yes. Deterioration of many.

2:4:3.440 --> 2:4:4.910

Speaker 1

Plumbing system? Yeah, or.

2:4:4.930 --> 2:4:6.830

Speaker 2

Also, yeah, exactly. Yeah.

2:4:7.790 --> 2:4:11.200

Speaker 2

And the what you should do when you start is.

2:4:12.920 --> 2:4:18.910

Speaker 2

Infant infant inventory, not inventory. Inventory situation.

2:4:19.20 --> 2:4:20.590

Speaker 1

Inventory inventory. Yeah, yeah.

2:4:20.340 --> 2:4:20.910

Speaker 2

Fancy.

2:4:21.380 --> 2:4:21.790

Speaker 1

Yeah.

2:4:21.550 --> 2:4:21.830

Speaker 2

But.

2:4:25.460 --> 2:4:25.740

Speaker 2

Yeah.

2:4:22.750 --> 2:4:27.450

Speaker 1

Now it's it's like English because many Dutch words like English and mentari is in.

2:4:26.920 --> 2:4:29.810

Speaker 2

So this weekend and that's really important.

2:4:30.300 --> 2:4:30.630

Speaker 1

Yeah.

2:4:31.490 --> 2:4:34.380

Speaker 2

So you can in front you have to decide.

2:4:35.510 --> 2:4:39.800

Speaker 2

What should I keep? What should I remove? Uh.

2:4:41.60 --> 2:4:41.680

Speaker 2

Yeah.

2:4:42.230 --> 2:4:42.860

Speaker 1

So.

2:4:42.740 --> 2:4:43.410

Speaker 2

Benefit.

2:4:44.260 --> 2:4:47.890

Speaker 1

So you but you did inventory. Yeah, at the end. You.

2:4:47.450 --> 2:4:51.240

Speaker 2

No, not everything. No. Now some of the.

2:4:52.90 --> 2:5:0.430

Speaker 2

Like the sanitary, sanitary, like the the the toilets and stuff. We only recent recently.

2:5:2.230 --> 2:5:5.200

Speaker 2

Inventor in inventory.

2:5:5.490 --> 2:5:7.480

Speaker 1

Yeah. And inventory, yeah.

2:5:8.280 --> 2:5:8.730

Speaker 1

Yeah.

2:5:7.10 --> 2:5:11.910

Speaker 2

In India? So that's too late. We are already. So we renovated it.

2:5:12.790 --> 2:5:15.820

Speaker 2

Till February this February this year.

2:5:16.680 --> 2:5:19.490

Speaker 2

And after the renovation, we.

2:5:20.510 --> 2:5:24.940

Speaker 2

Uh said. OK, we are going to do this in factorization.

2:5:34.250 --> 2:5:34.490

Speaker 1

Good.

2:5:25.740 --> 2:5:38.230

Speaker 2

And now the toilets are in really bad shape and now we have to put it out and now we see. Oh my God, this is an old I call that an old diameter of the.

2:5:39.210 --> 2:5:39.870

Speaker 2

Plumbing.

2:5:41.150 --> 2:5:42.680

Speaker 2

There's nothing that will fit.

2:5:43.190 --> 2:5:43.800

Speaker 1

Yeah.

2:5:43.360 --> 2:5:50.20

Speaker 2

Ohh the It's already one year, no water in it because and before that [name of the previous owner].

2:5:52.430 --> 2:5:52.840

Speaker 1

She's.

2:5:51.130 --> 2:5:59.630

Speaker 2

I was already gone for a year, so two years and older rubbers are dry because there's not a regular flush anymore.

2:5:59.820 --> 2:6:0.240

Speaker 1

Yeah.

2:6:0.650 --> 2:6:5.180

Speaker 2

Oh no. So now we have to renovate all the senator.

2:6:5.930 --> 2:6:6.190

Speaker 1

Yeah.

2:6:7.510 --> 2:6:11.210

Speaker 1

Because it's it was empty for for some times and it wasn't used, yeah.

2:6:11.510 --> 2:6:12.440

Speaker 2

Yeah, and I.

2:6:13.860 --> 2:6:19.300

Speaker 2

And we did a good job on the heating because there's also the same problem if you.

2:6:20.490 --> 2:6:24.720

Speaker 2

I think this system and you let all the water out, then it's going to cut out.

2:6:26.460 --> 2:6:36.390

Speaker 2

Correlation. So you have to fill it. So it's there's no corrosion or you have to seal it kind of.

2:6:37.520 --> 2:6:41.910

Speaker 2

Because it can be a long time, like artists on defensive, we were very lucky.

2:6:42.810 --> 2:6:43.460

Speaker 2

That there was a.

2:6:43.540 --> 2:6:50.310

Speaker 2

Uh, not a long time between letting out the water of the system and filling it up.

2:6:50.960 --> 2:6:57.710

Speaker 2

Because I thought, Oh my God, it's now for almost a year without water. So it's going to corrode.

2:6:58.510 --> 2:6:58.820

Speaker 1

Yeah.

2:6:58.800 --> 2:7:2.810

Speaker 2

And I didn't realize that in front, so you learn, I learned.

2:7:4.820 --> 2:7:5.150

Speaker 1

Yeah.

2:7:4.720 --> 2:7:12.220

Speaker 2

Things like that I will not make the same mistake again if there are 30 year old building and everyone says Ohh, but the toilets are very good.

2:7:16.70 --> 2:7:16.420

Speaker 1

She.

2:7:13.60 --> 2:7:19.380

Speaker 2

It no, no, no. Take it off and let's see. And you're in stone. I don't know if you ever saw it. Oh my God, it's like.

2:7:21.210 --> 2:7:22.200

Speaker 2

It's horrible.

2:7:23.440 --> 2:7:23.730

Speaker 1

OK.

2:7:24.610 --> 2:7:25.350

Speaker 2

You don't want to know.

2:7:27.80 --> 2:7:27.500

Speaker 1

Yeah.

2:7:44.580 --> 2:7:44.830

Speaker 2

Yeah.

2:7:28.460 --> 2:7:52.860

Speaker 1

So now we knew the the difficulty, the difficulty, because we and I knew the strategies, the enablers or enabling factors and the barriers that you face, you faced our and still you are facing. But but one question that are are or where they're some strategies or solutions that you.

2:7:54.680 --> 2:7:59.220

Speaker 1

You have considered but not implemented like solutions.

2:8:2.420 --> 2:8:2.660

Speaker 2

Yeah.

2:8:1.680 --> 2:8:4.670

Speaker 1

That you were like ohh, it's yeah, yeah.

2:8:4.570 --> 2:8:9.520

Speaker 2

Yeah. For instance, we wanted to keep uh in the sound, we wanted to keep the wooden ceiling.

2:8:10.460 --> 2:8:13.730

Speaker 2

But it was not possible because above the wooden ceiling.

2:8:14.470 --> 2:8:17.130

Speaker 2

There is a fire detection system now. A sprinkler.

2:8:18.670 --> 2:8:19.340

Speaker 2

And.

2:8:26.590 --> 2:8:26.950

Speaker 1

Yeah.

2:8:20.330 --> 2:8:32.830

Speaker 2

In this wooden ceiling are well, there's a log like wooden like doors in the ceiling there were and they were on places they were off slaughters like taps, you know.

2:8:33.860 --> 2:8:49.390

Speaker 2

So that was not the problem, but above that even higher there is this sprinkler system and that was the problem. We had to renovate the sprinkler system, but we couldn't do that without taking this wooden ceiling out of this.

2:8:51.200 --> 2:8:54.180

Speaker 2

Out of the the hallway, unfortunately.

2:8:55.340 --> 2:8:59.320

Speaker 2

So it was not possible to keep that wooden ceiling.

2:9:0.870 --> 2:9:4.350

Speaker 1

Because you you want to renovate the sprinkler system, yeah.

2:9:4.540 --> 2:9:8.490

Speaker 2

We have to we. There's not a choice. We have to renovate it sprinkler.

2:9:10.720 --> 2:9:12.30

Speaker 2

And we couldn't reach it.

2:9:12.950 --> 2:9:25.40

Speaker 2

Because all the the the the wooden doors, the the the in the ceiling was not enough.
That's only to get in the installation worked but not.

2:9:25.700 --> 2:9:29.750

Speaker 2

Yeah, it's you. You can't crawl over ceiling. That's that's not possible.

2:9:31.10 --> 2:9:34.530

Speaker 1

Other strategies that you have considered but not implemented.

2:9:40.640 --> 2:9:41.120

Speaker 1

If.

2:9:41.930 --> 2:9:46.120

Speaker 2

Now, there's still only one thing that we considered, and we couldn't.

2:9:46.540 --> 2:9:48.30

Speaker 1

Yeah, that's fine.

2:9:47.800 --> 2:9:48.410

Speaker 2

Yeah.

2:9:48.770 --> 2:9:56.580

Speaker 1

So thank you so much. We end up actually with the interesting part about [name of the project], but I have just some closing questions that I want to ask generally.

2:9:57.60 --> 2:10:4.570

Speaker 1

Umm. First like, what do you think about the the, the, the, the, the, the future of circularity?

2:10:5.340 --> 2:10:7.340

Speaker 1

In the building industry and.

2:10:9.10 --> 2:10:9.580

Speaker 2

Too slow.

2:10:9.270 --> 2:10:9.850

Speaker 1

Actually.

2:10:10.680 --> 2:10:11.160

Speaker 1

So slow.

2:10:12.390 --> 2:10:12.880

Speaker 1

Yeah.

2:10:12.780 --> 2:10:14.650

Speaker 2

Too slow. It's a conservative.

2:10:16.750 --> 2:10:17.330

Speaker 2

Uh.

2:10:18.310 --> 2:10:20.330

Speaker 2

It's a yeah, it's really conservative.

2:10:22.850 --> 2:10:24.170

Speaker 2

And you there are.

2:10:28.450 --> 2:10:29.140

Speaker 2

Positive.

2:10:30.970 --> 2:10:31.780

Speaker 2

Tickling her?

2:10:32.510 --> 2:10:32.770

Speaker 1

Yeah.

2:10:33.450 --> 2:10:34.40

Speaker 1

Development.

2:10:34.360 --> 2:10:35.380

Speaker 2

Developments but.

2:10:36.940 --> 2:10:42.740

Speaker 2

Yeah, there's a lot of work has to be done. It's gone. Not it's it's really slow.

2:10:44.180 --> 2:10:46.110

Speaker 2

Because of the, it's conservative.

2:10:46.690 --> 2:10:47.370

Speaker 1

OK.

2:10:51.390 --> 2:10:56.210

Speaker 1

Is there a any information you would like to add on on what we have discussed?

2:10:57.620 --> 2:10:57.910

Speaker 1

Yeah.

2:10:58.770 --> 2:11:1.780

Speaker 2

Uh, no. I've got more interesting projects.

2:11:3.360 --> 2:11:7.0

Speaker 1

Thanks. Up up the last thing and it's optional.

2:11:8.150 --> 2:11:24.640

Speaker 1

I mean because my, you know, like my research is, is on building transformation and

circular building transformation. And I'm looking, I always look for cases for circular building transformation to to investigate and also to people to interview for instance.

2:11:26.40 --> 2:11:36.540

Speaker 1

From the same project, so it's optional. Do you have some projects to to to to to propose for me to to to investigate? Like for me, I I I will. I will attend.

2:11:37.900 --> 2:11:38.490

Speaker 1

I'm listening.

2:11:39.350 --> 2:11:40.890

Speaker 1

With over one courtier slide. Yeah.

2:11:40.840 --> 2:11:41.220

Speaker 2

Yeah.

2:11:41.170 --> 2:11:47.430

Speaker 1

Social civilizing about four. So if you were to draw, but, ladies and gentlemen, the building is closing in 15 minutes.

2:11:48.510 --> 2:11:49.140

Speaker 1

Yeah.

2:11:49.210 --> 2:11:50.230

Speaker 1

Delete them.

2:11:47.250 --> 2:11:50.940

Speaker 2

Yeah. And about the phone near studio Falconeer.

2:11:52.780 --> 2:11:58.520

Speaker 2

You maybe want to interview about Fauconnier from Studio Falconeer.

2:11:59.410 --> 2:11:59.880

Speaker 1

Router.

2:12:0.410 --> 2:12:1.720

Speaker 2

Well, to falconeer, yes.

2:12:2.70 --> 2:12:2.610

Speaker 1

What's this?

2:12:2.710 --> 2:12:4.320

Speaker 1

And brother.

2:12:5.590 --> 2:12:6.100

Speaker 1

Yeah.

2:12:3.910 --> 2:12:6.460

Speaker 2

To your puppeteer. I put in chat.

2:12:6.740 --> 2:12:10.620

Speaker 1

Yes, to do, but is there a particular person who can I interview or?

2:12:10.590 --> 2:12:12.630

Speaker 2

Yes, [name] is the owner.

2:12:19.370 --> 2:12:19.880

Speaker 1

OK.

2:12:19.740 --> 2:12:21.320

Speaker 2

And [name of a company] architecture.

2:12:22.280 --> 2:12:25.990

Speaker 2

Uh, [name].

2:12:27.210 --> 2:12:28.190

Speaker 2

Wait because afternoon.

2:12:30.670 --> 2:12:32.290

Speaker 2

[name], can you, [name]?

2:12:33.750 --> 2:12:35.460

Speaker 2

The owner of [name of a company].

2:12:40.200 --> 2:12:40.700

Speaker 1

OK.

2:12:42.210 --> 2:12:43.360

Speaker 1

And uh.

2:12:44.490 --> 2:12:45.20

Speaker 1

Glad.

2:12:47.650 --> 2:12:50.480

Speaker 2

So the first one is [name of a company] studio [name of a company], that's.

2:12:50.920 --> 2:12:51.300

Speaker 1

Yeah.

2:12:51.930 --> 2:12:56.890

Speaker 2

And the second one, [name] is the owner of [name of a company].

2:12:57.810 --> 2:12:58.730

Speaker 1

[name of a company].

2:12:58.920 --> 2:13:0.390

Speaker 2

[name of a company]. Yeah, that's also in the chat.

2:13:3.190 --> 2:13:7.130

Speaker 1

OK, the, the, the, the, the the involved in in design of uh.

2:13:10.40 --> 2:13:10.280

Speaker 2

Yeah.

2:13:7.950 --> 2:13:11.980

Speaker 1

Of different projects. Uh transformations transforming, OK.

2:13:15.890 --> 2:13:16.130

Speaker 1

Yeah.

2:13:11.470 --> 2:13:16.260

Speaker 2

The school, the other school I showed you with the the gym floor, that's.

2:13:18.200 --> 2:13:24.110

Speaker 2

[name of a company] and they're going to win a prize. I just have to say they're going to win a prize. It's really nice.

2:13:23.320 --> 2:13:26.90

Speaker 1

Yeah. Yeah, we would.

2:13:25.500 --> 2:13:32.150

Speaker 2

And [name of a company] also developed the floating village in Amsterdam in the north of Amsterdam.

2:13:32.900 --> 2:13:34.610

Speaker 2

I don't know if you heard about that one.

2:13:36.220 --> 2:13:36.550

Speaker 2

No.

2:13:35.350 --> 2:13:37.300

Speaker 1

No, the floating bridge.

2:13:38.30 --> 2:13:38.730

Speaker 2

Yeah.

2:13:39.10 --> 2:13:43.670

Speaker 1

Yeah, but I I I visit different places where it's the there is floating houses.

2:13:44.250 --> 2:13:46.970

Speaker 2

Yeah, floating house in it. It's yeah.

2:13:48.630 --> 2:13:51.990

Speaker 2

I don't know. Uh, what's the name? Floating house.

2:13:56.20 --> 2:14:0.610

Speaker 2

I just ended the the garden of [name of a project]. It's nice if you just look.

2:14:2.720 --> 2:14:4.780

Speaker 2

On the on the website you'll find it.

2:14:5.180 --> 2:14:6.970

Speaker 1

Yeah, I will look it up.

2:14:6.720 --> 2:14:8.610

Speaker 2

[name of a project].

2:14:15.610 --> 2:14:16.480

Speaker 1

Fall as.

2:14:16.110 --> 2:14:20.540

Speaker 2

Also nice. Nice to [name of a company]. You know that.

2:14:23.130 --> 2:14:24.240

Speaker 1

One slip is.

2:14:27.280 --> 2:14:30.470

Speaker 1

Ah, especially mothers. I heard about [name of a company].

2:14:30.700 --> 2:14:33.360

Speaker 2

Yeah, I'm also [name of a company].

2:14:34.250 --> 2:14:40.980

Speaker 2

They launched also my project and that was built was in developed by [name of a company].

2:14:45.180 --> 2:14:45.520

Speaker 1

Yes.

2:14:42.40 --> 2:14:45.810

Speaker 2

I've only nice people I work with and good projects.

2:14:46.250 --> 2:14:52.770

Speaker 1

Yeah, we we see the best, but is [name of a project] a project or or?

2:14:52.310 --> 2:14:53.360

Speaker 2

Concept yes.

2:14:56.400 --> 2:14:57.830

Speaker 1

Is it transformation or what?

2:14:58.510 --> 2:14:58.770

Speaker 1

Uh.

2:14:58.370 --> 2:14:59.600

Speaker 2

No, it's uh.

2:15:2.30 --> 2:15:5.760

Speaker 2

Output the website the [name of a project] with the most.

2:15:6.700 --> 2:15:7.550

Speaker 2

Uh.

2:15:9.100 --> 2:15:15.530

Speaker 2

Durable. I don't know. I'll I'll put it in the chat. Copy. You have to leave.

2:15:16.310 --> 2:15:16.730

Speaker 1

Yeah.

2:15:20.380 --> 2:15:21.70

Speaker 1

Yeah.

2:15:22.70 --> 2:15:31.220

Speaker 1

Interesting. So really thank you so much and I'm looking really forward the meeting you, I will, I will, I will, I will enroll in that event it's.

2:15:30.470 --> 2:15:35.220

Speaker 2

Yeah. We keep in touch for [name of an event] 31 of May.

2:15:35.470 --> 2:15:40.500

Speaker 1

Yeah, 31 of me. I will. I will. I'll. I'll enroll in that to that if.

2:15:39.830 --> 2:15:41.850

Speaker 2

I mean, we can eat something in front.

2:15:42.430 --> 2:15:44.340

Speaker 1

Yes, sure. So.

2:15:42.840 --> 2:15:45.40

Speaker 2

Where? Yeah. And then we can touch.

2:15:45.400 --> 2:15:48.580

Speaker 1

Yes. So I'm looking forward and we'll keep in touch with you.

2:15:49.70 --> 2:15:50.180

Speaker 2

Yeah. Good.

2:15:49.570 --> 2:15:51.710

Speaker 1

At the very but but you will be there, yeah.

2:15:52.200 --> 2:15:58.450

Speaker 2

I will be there and we'll just keep in touch and we just grab something to eat in front of this.

2:15:58.520 --> 2:16:1.430

Speaker 2

The the evening, I think.

2:16:2.260 --> 2:16:2.930

Speaker 2

If you want.

2:16:4.880 --> 2:16:5.140

Speaker 2

Yeah.

2:16:8.580 --> 2:16:8.930

Speaker 2

No prob.

2:16:17.870 --> 2:16:18.780

Speaker 2

Yeah, no problem.

2:16:1.530 --> 2:16:20.510

Speaker 1

Of course, yes. Yes, it would be nice. I want to that. Yeah. So really, really. Thank you so much. And I'm. I'm really thank thankful and grateful to you for your time. Really. Like I learnt a lot, a lot a lot. So really thanks a lot. So. So really thank you so much.

2:16:20.540 --> 2:16:24.320

Speaker 2

Yeah, and I hope this. Yeah. And it keep me informed.

2:16:27.390 --> 2:16:28.520

Speaker 1

Yeah, I will keep.

2:16:24.440 --> 2:16:30.990

Speaker 2

Uh, I would like that. And if there if you questions, you can always give me a call.

2:16:36.360 --> 2:16:37.480

Speaker 2

That's good, yes.

2:16:42.90 --> 2:16:42.320

Speaker 2

Yeah.

2:16:31.350 --> 2:16:43.70

Speaker 1

Yeah. Thank you so much. I will keep in touch with you throughout my research journey.

So yeah, because I learned a lot from you and still I need to learn a lot. So really thank you so much.

2:16:43.370 --> 2:16:50.680

Speaker 2

Use it well and I hope it will get you in the uh in a good uh, good uh end project and product.

2:16:49.680 --> 2:16:53.970

Speaker 1

Thank you so much. Yeah, I I first, I need to stop the recording. Yeah.

2:16:54.50 --> 2:16:55.40

Speaker 2

Yeah. OK.