# Questionnaire

**Type of respondents (linked to answers to question 5)**

1. Researchers
2. Design professionals
3. Researcher-practitioner

**Likert scales:**

1. Never/ rarely /sometimes /often /always /I don‘t know
2. Not important at all /not much important/ somewhat important/ important/ very important/ I don‘t know
3. Extremely influential / very influential / somewhat influential / slightly influential /not at all influential / I don‘t know

Introduction: This survey is part of my PhD research at the University of Applied Science Utrecht and Delft University of Technology. I study the impact of (academic) research projects on design practice. Many universities (or universities of applied science) engage in large collaborations with partners from various research and practice domains. In many of these projects, the researchers aim to bring results to an audience of designers who work in industry. In this survey, I investigate the ways in which they successfully do this. To this end, I ask you to report on your own experiences with such projects as either a researcher or as design professional.

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| **Question** | **Type of question** | **For whom** |
| Q1 Consent: Your participation in this study is entirely voluntary and you can withdraw at any time. You are free to omit any question (but of course, I prefer you don’t). Completion of the entire questionnaire on average takes 15 to 20 minutes. A progress bar at the top of each page will show your completion rate. Your contribution will be anonymous: the survey invitation is not linked to your email address and you do not have to leave personal information. While for the analysis I need to know a few characteristics of your situation, the data cannot be reduced to individuals. The data will be stored at University of Applied Science Utrecht to use for scientific research without a reference to specific organizations. Thank you for cooperating! | Yes/no | All |
| Q2. In which country do you work? | Open | All |
| Q3. In which field(s) do you position your work? You can give more than one answer.  Options: Service design/ UX/ graphic design / multimedia design / product design / other (open) | Multi-response | All |
| Q4. How long have you been working as a professional designer or design researcher?  Options: 0-5 years / 6-10 years / 11-15 years / > 15 years | Multi-response | All |
| Q5. Do you fill in this survey as a researcher or as a design professional?  Options: researcher: I work in academia / design professional: I work in industry / both: I work in academia AND in industry | Multi-response | All |
| Q6. What motivates you to bring results from your research to design professionals in industry? | Open | 1, 3 |
| Q7. Research projects can inform practice on a range of topics. How often have you experienced that your research project helped design professionals in the following three topic categories:  Options: it improved their design process (methods, tips, good practices, …) / it helped them organize their projects (ways to deal with stakeholders, organize their work …) / it helped them work within a specific domain (such as healthcare, renewable energy) | Likert scale type A | 1, 3 |
| Q8. In this questionnaire, we focus on the research projects which are led by academia and often executed in a collaboration with partners from practice. Such research projects can inform practice on a range of topics. How often have you experienced that you (as design professional) were helped by a research project in the following three topic categories:  Options: similar as Q7 | Likert scale type A | 2 |
| Q9. Research findings are shared in a range of formats. How do you rate the importance of the following output formats in actually helping design professionals?  Options: theory or models in papers / theory or models in books / design guidelines / tools or toolkits / designs or prototypes / case descriptions / blogs | Likert scale type B | 1, 3 |
| Q10. For the formats you consider (very) important, what is it that makes them useful for design professionals? | Open | 1, 3 |
| Q11. Research findings are shared in a range of formats. How do you rate the importance of the following output formats, in the way they are useful to you as design professional?  Options: similar as Q9 | Likert scale type B | 2 |
| Q12. For the formats you consider (very) important, what is it that makes them useful for design professionals? | Open | 2 |
| Q13. How do you rate the importance of the following in-person activities to share research results, in the way they inform design professionals?  Options: Workshops / Presenting at scientific conferences / Presenting at design practitioner venues or meet-ups / Consulting to design companies / Formal training | Likert scale type B | 1, 3 |
| Q14. For the activities you consider (very) important, what is it that makes them successful in informing design professionals? | Open | 1, 3 |
| Q15. How important are the following in-person activities for you as a design professionals to learn from research projects? Options: similar as Q13 | Likert scale type B | 2 |
| Q16. For the activities you consider (very) important, what is it that makes them successful in informing you? | Open | 2 |
| Q17. What did you do to find out whether you were actually successful in helping design professionals? You can give more than one answer.  Options: We used metrics (e.g. to count visits of the project website) / We asked the involved design practice partners for their view / We asked a range of (non-involved) design professionals for their view (e.g. about their use of a tool you developed) / None of the above / other (open) | Multi-response | 1 |
| Q18. Have you involved a design professional from industry to help bring findings to a broader design professional audience? You can give more than one answer.  Options: Yes, to develop tools or guidelines for design professionals / Yes, to (co-)write papers, blogs or other output for a practitioner audience / Yes, to host workshops / Yes, to present findings to other design professionals at conferences or meet-ups / Yes, to share the findings in their own company or direct network / Yes, in another way (open) | Multi-response | 1 |
| Q19. Design professionals are sometimes involved in research projects which are led by academia. They can take various roles in these projects. Have you (as design professional) been involved in research projects to help bring findings to a broader design professional audience? You can give more than one answer. Options: similar as Q18 | Multi-response | 2, 3 |
| Q20. How do you rate the influence of this active involvement of a design professional to successfully reach design professionals? | Likert scale type C | All (except previous Q=‘no’) |
| Q21. Can you explain this influence? | Open | All (except previous Q =‘no’) |
| Q22. In your experience, how important are the following conditions for research projects to successfully contribute to design professionals?  Options: Funding for creating output for design practice (such as toolkits) / Individuals in the project team who are personally motivated to serve design practice / Partner organizations who help to bring results to design practice (i.e., centre of expertise, valorisation organization) | Likert scale type B | 1, 3 |
| Q23. Which advice would you give to researchers who want to inform design professionals with their work? | Open | All |
| Q24. Is there anything else that you would like to add on this topic of bridging the research-practice gap? Do you have any relevant insights or experiences that you want to add? | Open | All |