

Non-profit organisations' value capabilities

Table 1: Individual Competencies and Expertise

| Group of specific capabilities | Associated open data capabilities |
|---|---|
| Expertise, Knowledge, and Skills | Open data knowledge and expertise, Legal knowledge, Communication skills, Technical skills for open data processing, Role of openness promoters |
| Connections | Pre-existing connections with other actors, Organisation's founders are originally from other sectors (public/private) |

Table 2: Organisational Capabilities

| Group of specific capabilities | Associated open data capabilities |
|--|--|
| Personal perspectives | Interest-based projects (current social and technical topics) |
| Collaborations | Projects with and for governmental organisations, Collaboration with civil organisations for projects and feedback, Influencing for-profit organisations |
| Internal decision-making | Employee initiative projects, Other actors proposing project ideas, Quick decision-making on project opportunities, Consideration of users' interest in projects, Background research of users' needs, Assessing projects for opportunities generation |
| Non-profit organisational model | Role of the advisor, Politic of open data and open source, Role of public representative, Non-competitive role, Easier hiring process |

Table 3: Management and Governance

| Group of specific capabilities | Associated open data capabilities |
|--------------------------------------|--|
| Country's legislation context | Accounting for Local OGD directive and Data publishing standards |
| Organisational hierarchy | Flexibility in projects taking, Project approval process |
| Work structure | Independent project management, test running before publication of any technical project |

Table 4: Open Data Processes

| Group of processes | Open Data processes |
|---|-------------------------|
| Creating communications channels for OGD users | Feedback Collection |
| | Research |
| Improving OGD users' awareness and data literacy | Raising awareness |
| | Educating |
| Facilitating networking between OGD actors | Events organisation |
| | Providing meet-up space |
| Resolving legal concerns of OGD users | Licensing |

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|--|---------------------------------|
| | Providing a legal entity |
| Improving OGD quality, accessibility, and usability | Re-publishing of data |
| | Providing open-source code |
| | Enhancing the data |
| | Standardising the data |
| Advocacy for OGD | Demanding open data |
| | Providing advice |
| Making OGD relevant and interesting for the users | Platform creation |
| | Data visualisation |
| | Promoting citizen participation |
| | Interpreting the data |
| | Report writing |

Table 5: IT and Technology Infrastructure

| Group of capabilities | Associated open data capabilities |
|------------------------------|--|
| Front-end | Web-based front-end, Desktop OD visualisation and integration software, Typescript for front-end |
| Back-end | Open Street Map provides access to geodata, Extract relevant data using WFS service, Use of Cloud services, Python script for getting the data and transforming it, Development, staging, and production environment for an application, (Using and building) Database API |