Collection of needs for Open Source Hardware Development/Collaboration

Demography	About your company/organization
Basics of Open Source Hardware	Definition and understanding what open source hardware means to you
Community Collaboration	Definition and meaning of Community collaboration
Basics of company	Organization and processes of company
Future plans	Future of OSH in your vision

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Open Source Hardware (OSHWA) is a term for tangible artifacts — machines, devices, or other physical things — whose design has been released to the public in such a way that anyone can make, modify, distribute, and use those things.

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Company-community collaboration (C3) refers to collaboration between companies and an undefined crowd (undefined crowd as per open innovation practices).

Concept Development → Concept Validation → Design & Development → Prototyping → Produce

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Generation of a concept to solve a problem

- How do you go about concept development?
- Are you facing any challenges currently or would you like to improve anything here?
- Do you see a need for ICT tools to be integrated in this process to address the challenges?
- Do you support makers with a broad concept to further develop?

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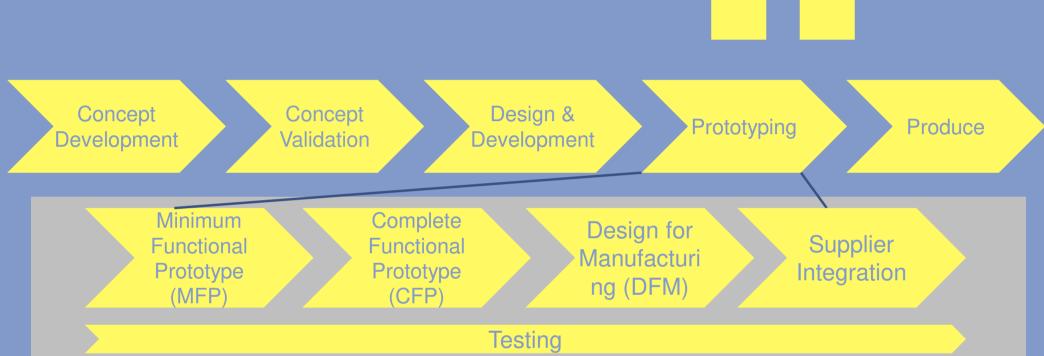
Validation of concept, community engagement & market research

- How did/do you plan validate your concept?
- Do you involve/plan to involve a community in validating your concept and/ market research?
- How do you get feedback from the community on concepts?
- Can you already at this stage suggest if or how you can "produce" according to customer requirements?

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Generating the design

- How do you design and develop your product/ project?
- Is a community involved in this process or are you participating in a community?
- Do you resuse exisiting designs? If yes, do you face any challenges?
- Do you use any supporting IT tools?
- Do you see a need for new IT tools to be integrated in this process?

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Minimum Functional Prototype (MFP) → Complete Functional Prototype (CFP) → Design for Manufacturing (DFM) → Supplier Integration

Testing

- What are the challenges you face here or would you like to improve anything here?
- Is a community involved in this process or are you participating in a community?
- According to your experience, what are here significant differences of you compared with private makers and SMEs?

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Turning DFM into many identical products

- Do/Did you currently produce products for sale on the market? (Y/N)
- Do you see potential to participate with companies and community for open distributed manufacturing?
- Do you help with testing, certifications and regulations?
- How about supplier arrangements/integration?