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

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.

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

Concept Design & Prototyping Produce

Development Validation

Concept Development

Concept Validation

Design & Development

Prototyping

Produce

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?

Concept Development

Concept Validation

Design & Development

Prototyping

Produce

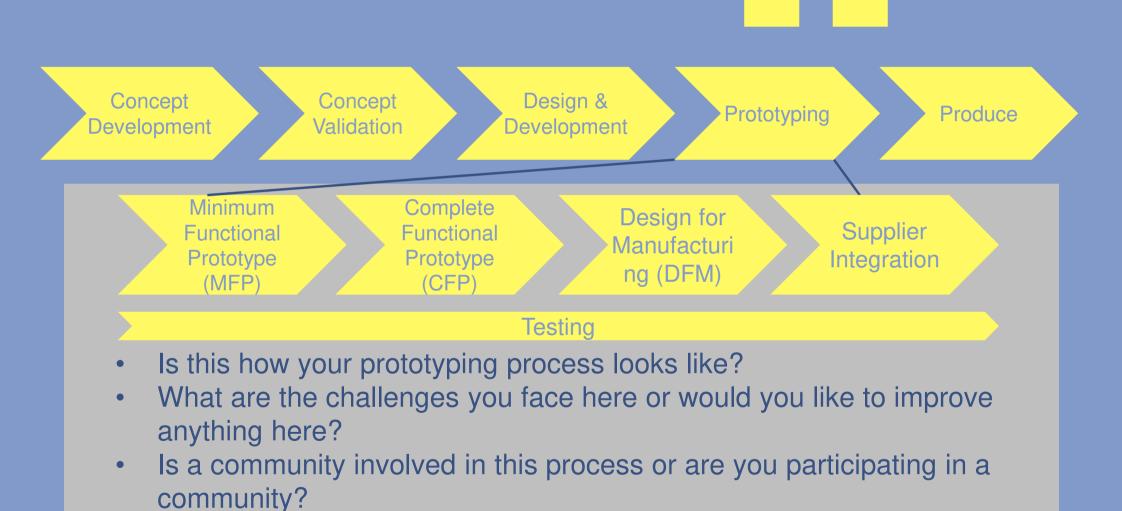
Validation of concept, community engagement & market research

- 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?

Concept Development Concept Validation Development Prototyping Produce

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?



Concept Development Concept Validation Design & Development

Prototyping

Produce

Turning DFM into many identical products

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