FixFest 2019 - Workshop on Open Source Hardware
TU Berlin

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Relevance of Open Source Hardware

- Symptoms of closed innovation environments
  - Over-engineering
  - Planned obsolesce
  - No exacting of needs

- Open Source Hardware promotes “self-organisation of design” based on transparency and accessibility
  - Digitisation offers new opportunities for individuals to share and co-create technical knowledge
  - Transfer of technical knowledge to “anyone”\(^1\) as alternative to “default” IP management approach dominated by public/private institutions

- Potential
  - Scaling through amplified company participation
  - Further advances of free and open source IT tools
  - Standardisation of practices
  - Reaching a wider base for promotion

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1) As per definition of OSH by the Open Source Hardware Association (link).
H2020 project OPEN!NEXT (project ID 869984)

- Facilitate wider adoption of Open Source Hardware development practices by small and medium enterprises
  - Enable Fab Labs to support companies in engaging with Open Source Hardware to co-develop products and services with makers and their customers
  - Provide IT solutions to discover existing Open Source Hardware, to assess the maturity of published Open Source Hardware and to develop Open Source Hardware in communities
  - Document the journeys of 18 small- and medium-sized enterprises that participate in communities to develop Open Source Hardware
  - Create an Open Lab Alliance of Fab Labs that makes the Open Source Hardware development services widely available in the EU
OPEN!NEXT – Thematic structure and consortium

Co-creation facilities
- ZSI (AT)
- Fab Lab Berlin (DE)
- Underbroen/Maker (DK)
- WAAG Society (NL)
- Happy Lab (AT)

Product data management
- Fraunhofer IPK (DE)
- Wikimedia DE (DE)
- Wikifactory Ltd (GB)

Collaborative design processes
- TU Berlin/QW (DE)
- G-SCOP/INP (FR)
- University of Bath (GB)

Small medium enterprises
- OpnTec GmbH (DE)
- Stykka (DK)
- Sono Motors GmbH (DE)
- XYZ Cargo (DE)
- SODAQ B.V. (NL)
- Fiction Factory B.V. (NL)

Business models & stakeholder relations
- HIIG (DE)
- Dansk Design Center (DK)

SMEs

Partners
- Activities
- UVP
- Customer relations
- Customer segments

Resources
- Channels

Costs

Revenues
Thank you for your attention!