Enabling (RE)Manufacturing

Isabel Ordóñez
Industrial Designer, PhD

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Centres for Urban Re-manufacture
Physical place and network of actors that provides, experiments, reuses or re-manufactures secondary material
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Centres for Urban Re-manufacture

Zero- Waste centres / Reuse centres
Urban Resource centres / Waste prevention centres
Swap shops / Repair cafés / Bike kitchens
Sustainable FabLabs / Open workshops
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Pathfinder Project

www.cure.tu-berlin.de
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Climate-KIC

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CURE Pathfinder

Goals

1) Review similar existing initiatives to learn from

2) Estimate the potential benefits and risks CUREs

3) Engage actors to establish CUREs in different cities
1) Open access initiative review article

2) Market analysis for BER & GBG

3) Network event with local actors in each location
Comparative study of 15 initiatives that support reuse and/or remanufacturing by providing secondary materials and/or manufacturing tools.

Downloadable here
Återbruket, Göteborg
Guldminnen, Copenhagen
FabLab, Berlin
Bike kitchen, Gothenburg
Facilitating the Recovery of Secondary Materials

*Different recovery routes*
- Direct Reuse
- Remanufacture for Others
- Own Product Development

*Different material types*
- Wide range of materials
- Misc. household items
- Bikes
- Clothes

Facilities and Tools

*Workshop availability to public*
- Closed workshops
- Partially open workshops
- Open workshops
- No

*Type of tools available*
- Common household tools
- Digital fabrication
- Woodwork tools
- Painting and Sewing tools

Events and Activities

*Teaching Activities*
- Machine workshops
- Predefined workshops
- Informal teaching sessions

*Open hours and other events*

Business Aspects

*Self Financed / Externally Supported*
- Material or product sales
- Workshops
- Membership fees
- Consulting services

*Municipal support*
- Sponsorship
- Research funding
- Donations

*Non-profit / Commercial business*

*Facilitating activities / Providing services*
CURE-Pathfinder Goals

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Both reports downloadable here
Berlin Market main conclusions

• Most material intense companies are in: trade fairs / creative industries / craft & construction
• Over 180 fairs/year & 10.000 creative sector companies
• Statistics do not cover currently recovered materials
• Waste hierarchy not achieved, with most material incinerated
Engage actors to establish CUREs in different cities
HdM
HAUS DER MATERIALISIERUNG