



THE SOCIAL MANUFACTURING PARADIGM

co-creating with manufacturers,
makerspaces and consumers

WELCOME !



iproduce-project.eu



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This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement no. 870037.



aidplex



makerspace bonn

PRODUCE



**Manufacturing
enterprises**



**iPRODUCE
Social Manufacturing
Practices**



Consumers



Maker communities



Agenda

09h30 Virtual hello and welcome

09h45 Introduction of iPRODUCE
Manuel Sánchez (AIDIMME) / Samuel Almeida (F6S)

10h00 The social manufacturing paradigm:
the foundations for a social manufacturing platform
Ria Pechlivani (ITI-CERTH) / Dimitris Chapizanis (White Research)

10h30 Keynote – David Cuartielles *Arduino Verkad / BCMI Labs AB; Malmö University*

11h00 *Break*

11h15 Keynote – César García *La Hora Maker*

11h45 Presentations from iPRODUCE collaborations
POP-MACHINA project: Jessica Guy & Pablo Muñoz
OPENNEXT project: Robert Mies

12h15 Virtual round table

12h45 Wrap up and end of event



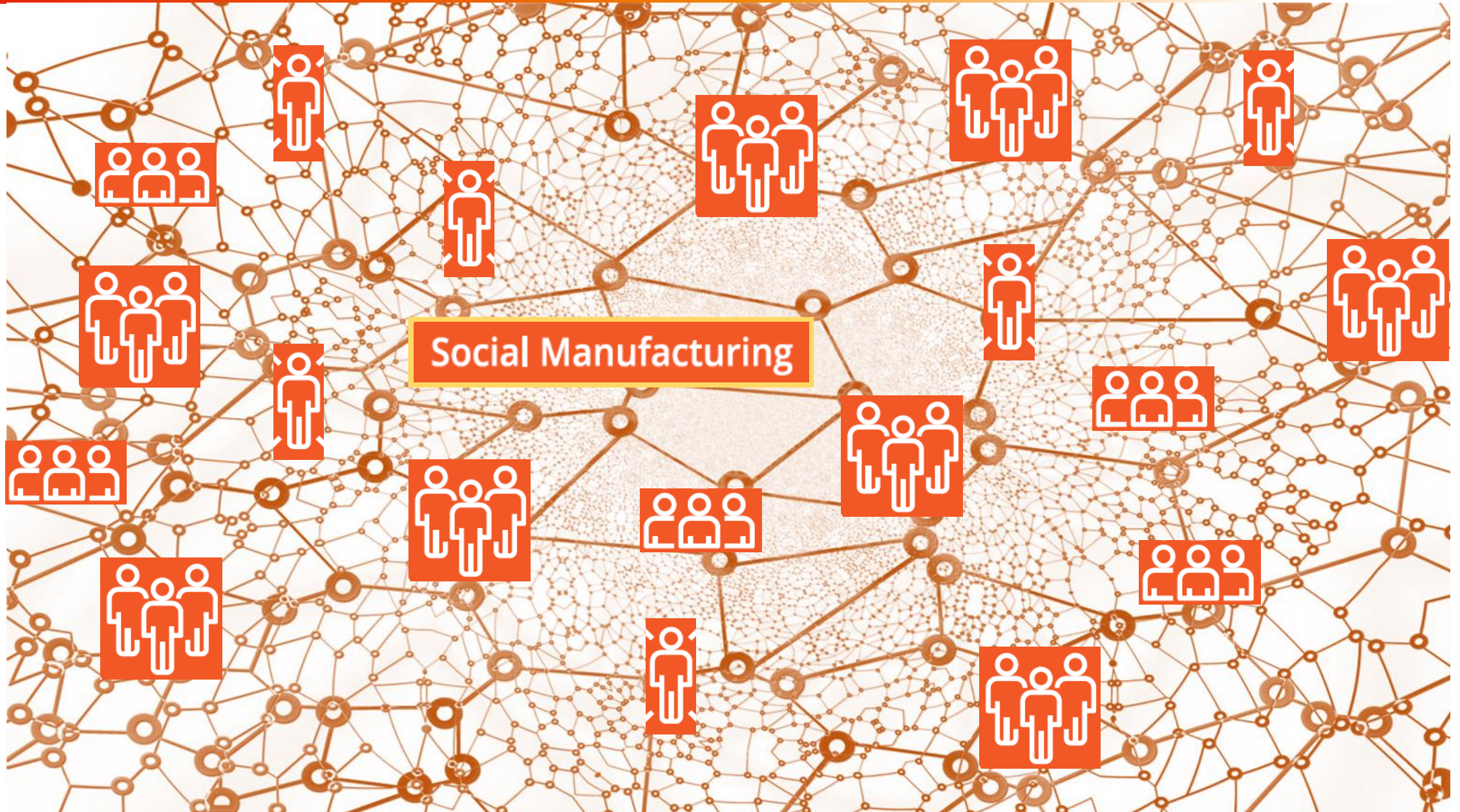
A Social Manufacturing Framework for Streamlined Multi-stakeholder Open Innovation Missions in Consumer Goods Sectors

AIDIMME/ Manuel Sánchez

Nov. 2020



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Social Manufacturing Framework



SOCIAL MANUFACTURING FRAMEWORK

iPRODUCE aims to introduce and define a **social manufacturing framework (SMF)** to support **open innovation** and **co-creation** activities for the design, engineering and production of **consumer goods**.



LOCAL & EUROPEAN ENGAGEMENT

The SMF aims to **engage** at the local and European level manufacturing **enterprises** (SMEs and/or mid-caps); **makers** communities (fab labs, makerspaces and start-up communities); and **consumers**.



INCREASED COLLABORATION

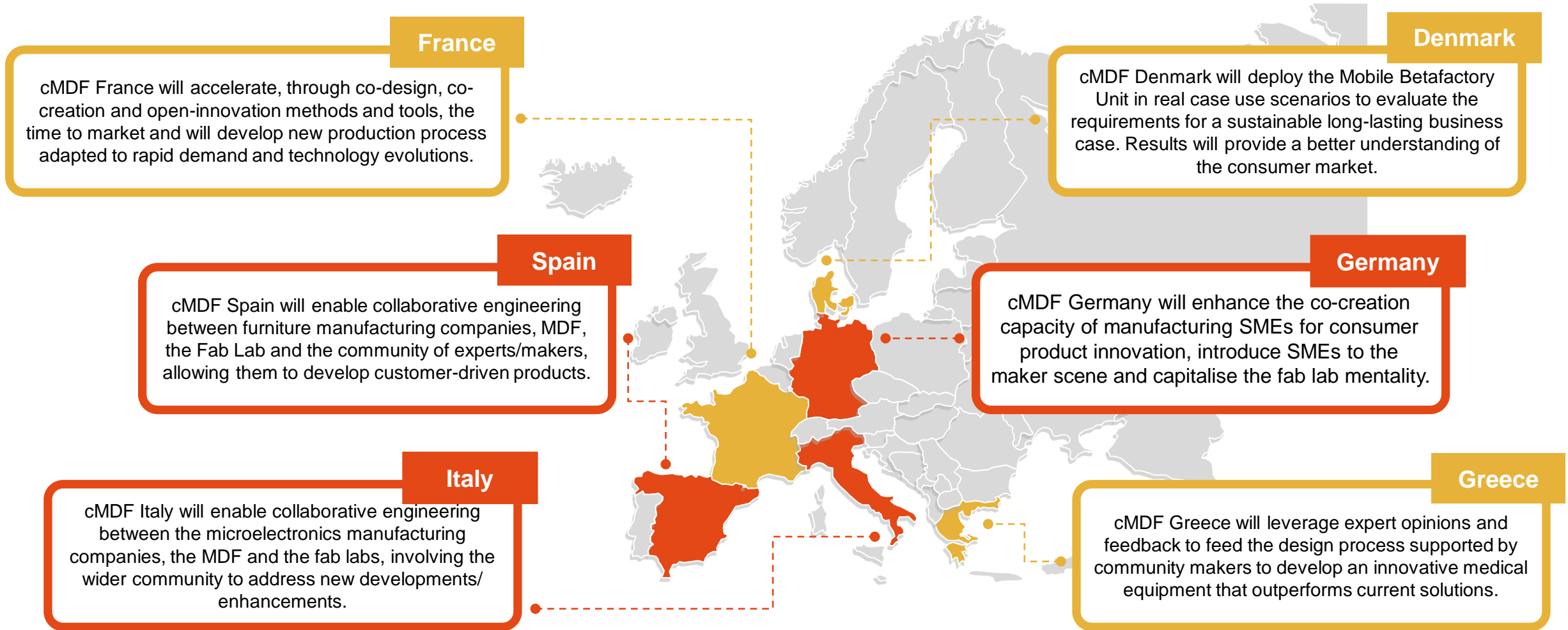
The SMF proposes **increased collaboration** between manufacturing companies and makers so that new ideas and perspectives are leveraged to meet **consumers' needs** and existing ideas, designs and prototypes can be better explored for commercialisation and mass production.



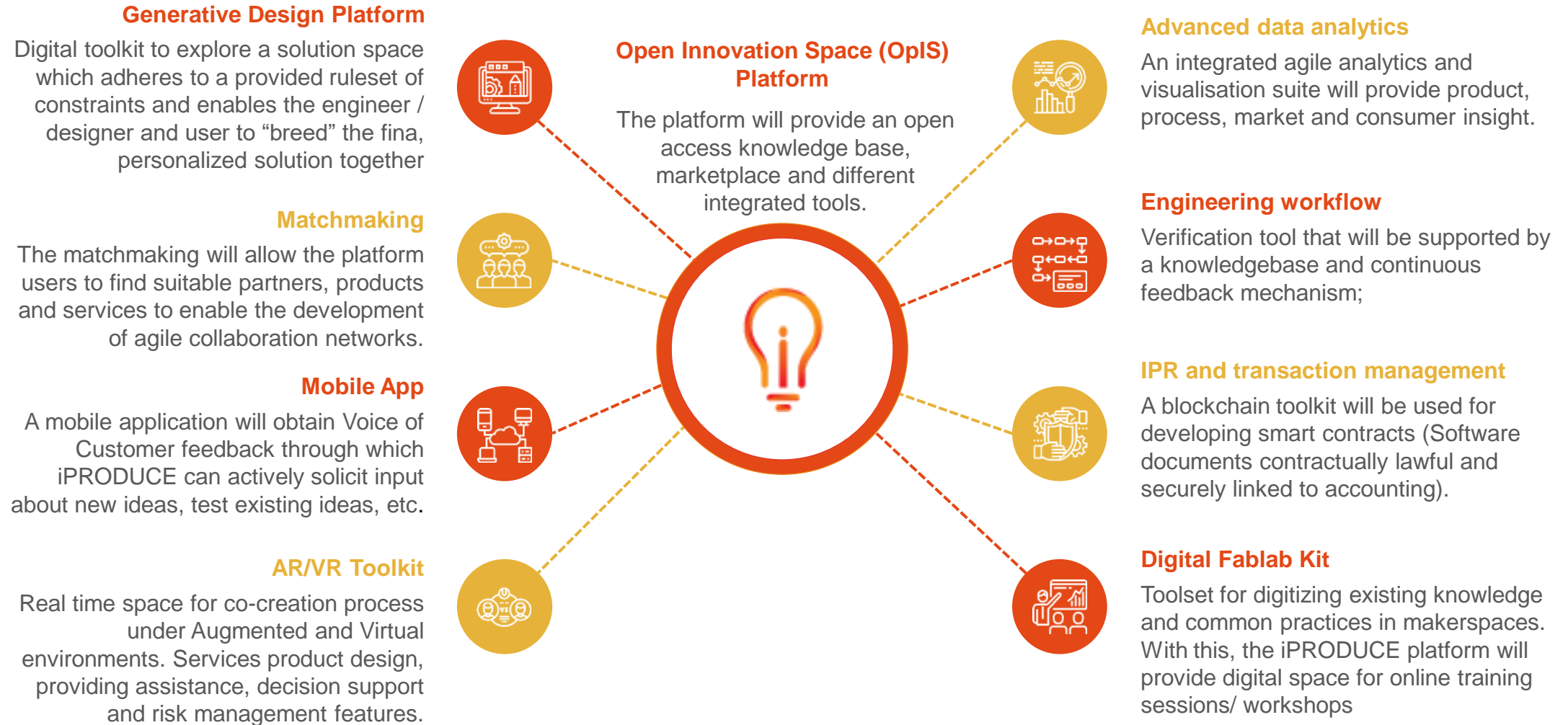
COLLABORATIVE MANUFACTURING DEMONSTRATION FACILITIES

The SMF aims to **connect** micro-manufacturing and other existing **facilities** at the local level, organising them into **collaborative Manufacturing Demonstration Facilities (cMDFs)**





Outputs: Technologies and Tools






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D2.1 | Stakeholder Requirements for UDI in the Consumer Goods Products

Deliverables


Abstract: The report presents the main findings of the IPRODUCE Task2.1 survey, aiming to capture insights about maker spaces' acceptance, main drivers, and barriers. The survey was conducted in the project's 6 cMDF pilot countries, capturing main outcomes regarding general EU citizens', makers' and manufacturers' perceptions, needs and potential differences. The report is structured as follows: Section 1 provides a short description of the context that motivated the project and introduces the main research questions that guided this study. Section 2 presents a literature review regarding the main drivers, barriers, and challenges of maker spaces, in order to present the current state-of-the-art in the field of social manufacturing. Section 3 includes all information related to the survey design and the implementation. In Section 4, we present some initial descriptive findings closely related to individual perceptions and levels of acceptance and highlight any significant variations between different EU areas. This

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September 2020

Lead: White Research (BR)

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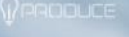
Co-creation methods and tools


This page provides a mapping and assessment of methods and tools with a strong application in Design Thinking and co-creation/co-production projects and approaches. These tools and methods have been mapped through an extensive literature review, complemented with information provided through surveys. The tools and methods have been clustered into six categories: **research**, **team building**, **ideation**, **development**, **assessment/evaluation**, and **validation**. Refer to the following [document](#) for further information.

Research	Team building	Ideation	Development	Assessment/evaluation	Validation	Category description
3D Print https://3dprintcatalogue.com/ Platform offering online Q&A catalogue for 3D printing.						

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IPRODUCE's third plenary meeting sets foundations for the project's upcoming activities

NOV 6, 2020


The 20 partners of the IPRODUCE consortium met online this past 4-5



German cMDF holds its fifth online workshop

NOV 2, 2020

What do agile product design, x-man and 3D printing have in common? On 28 October 2020, the German cMDF invited SMEs, makers and consumers to an 8-Min special of the online-workshop series "Innovations from the makerspace". This



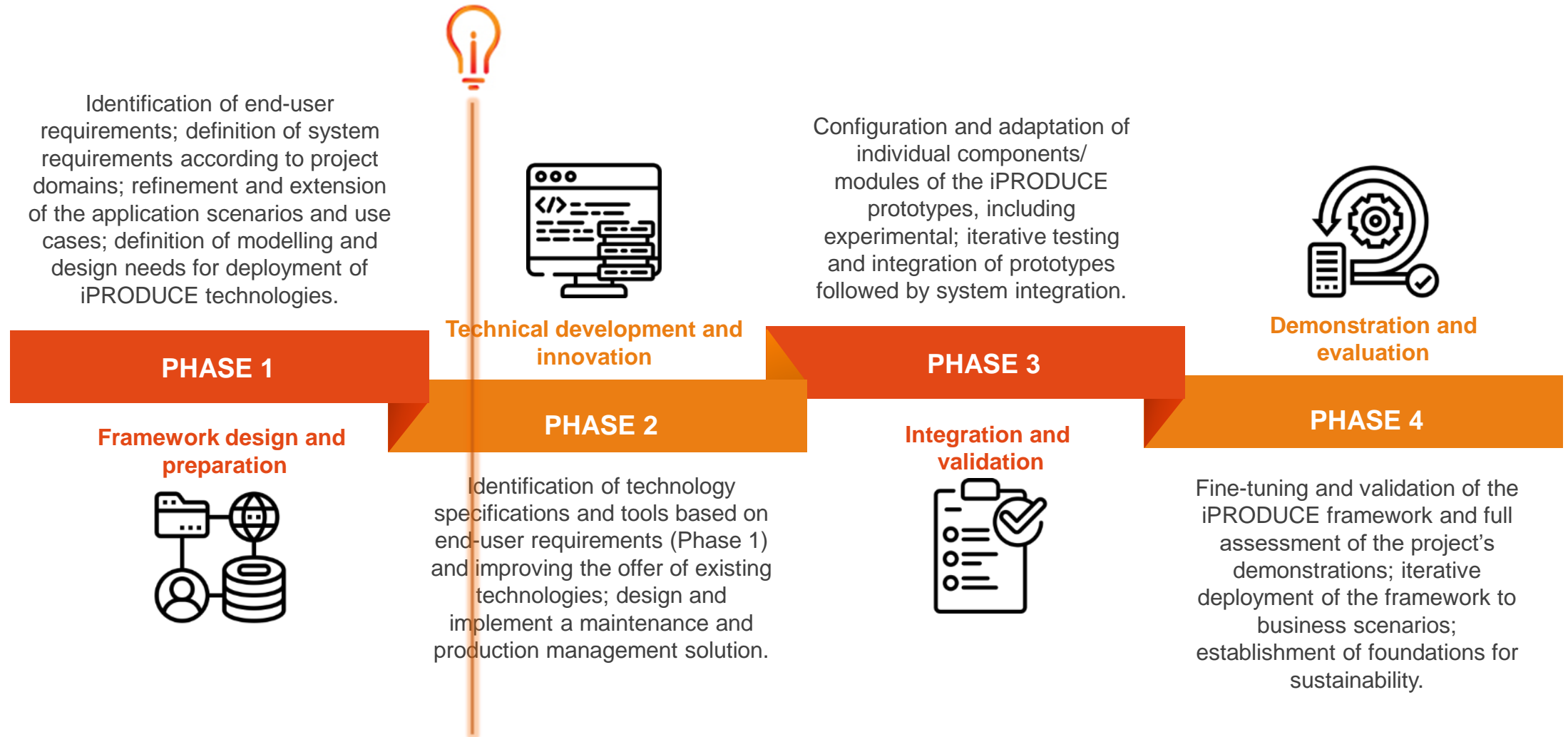
IPRODUCE present at the HABITAT Congress 2020 (Valencia, Spain)

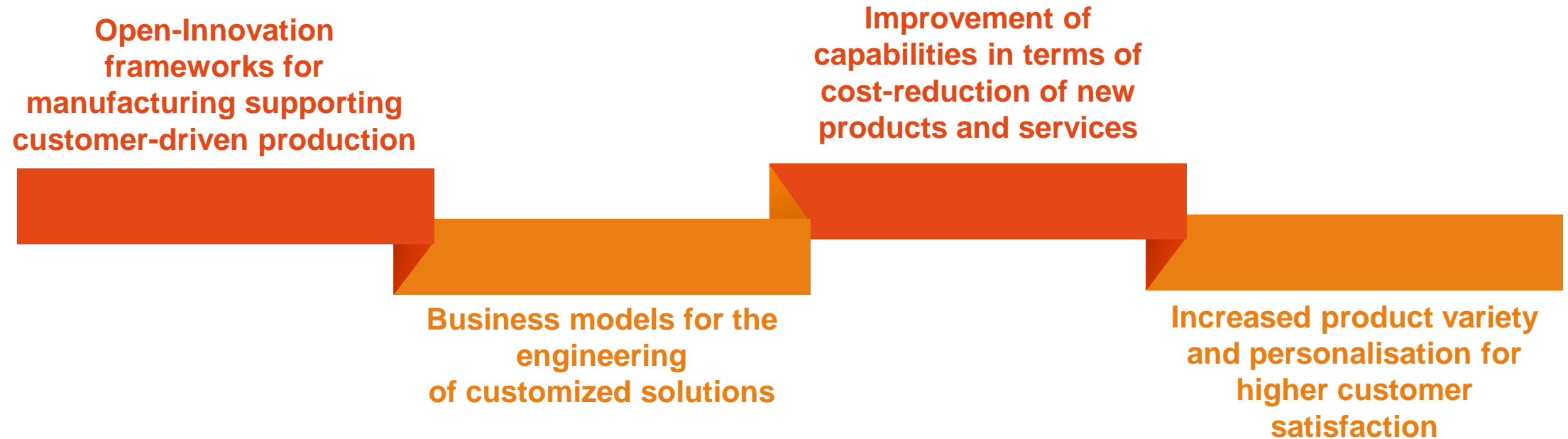
OCT 28, 2020

IPRODUCE was present at the HABITAT Congress 2020, which took place on 22 October 2020. The HABITAT Congress is one of the most important meetings about

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Where are we now?





PRODUCE

 **AIDIMME**
TECHNOLOGY INSTITUTE

 **LAGRAMA**

 **OCÉANO
NARANJA**

 **Fraunhofer**
FIT

 **ZENIT**



 **Excelcar**
ACCÉLÉRATEUR D'INNOVATION INDUSTRIELLE

 **Energy@work**

 **[Pro]^M**
MECHATRONICS
PROTOTYPING
FACILITY

 **CBS**  **COPENHAGEN
BUSINESS SCHOOL**
HANDELSHØJSKOLEN

 **BETA FACTORY**

 **Aidoplex**



 **CERTH**
CENTRE FOR
RESEARCH & TECHNOLOGY
HELLAS



 **SIEMENS**
Engenhosidade para a vida

 **WHITE**
RESEARCH

Acknowledgements



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