European Commission

Generalitat de Catalunya

Digital Innovation Hubs & Smart Specialisation

EIT House (Brussels)
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Catalonia

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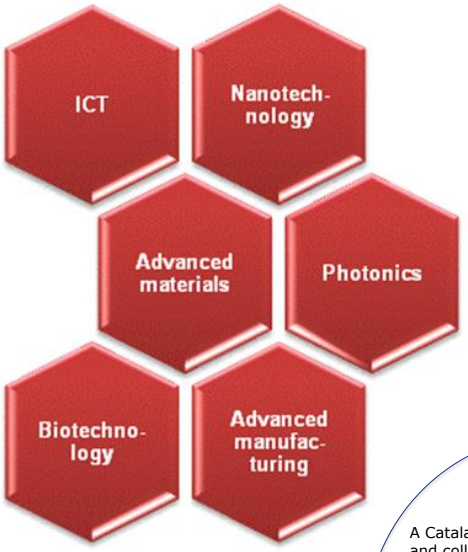
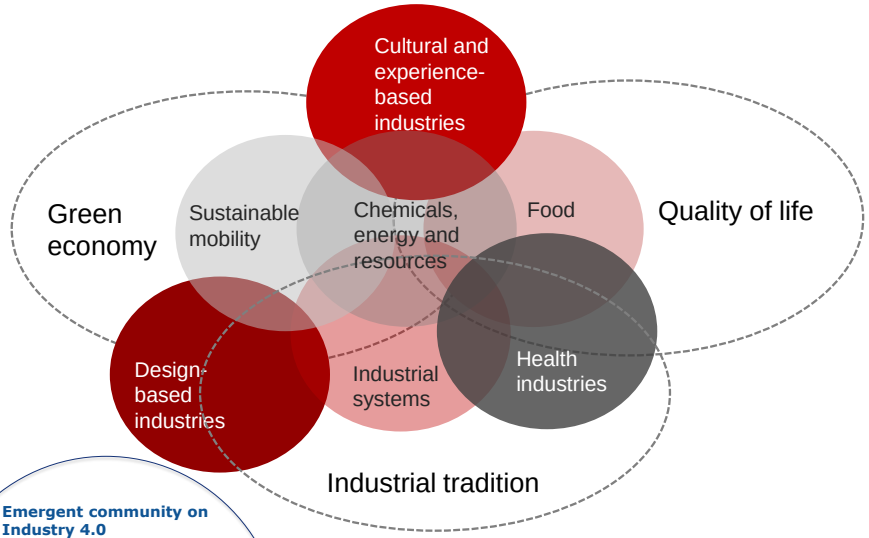
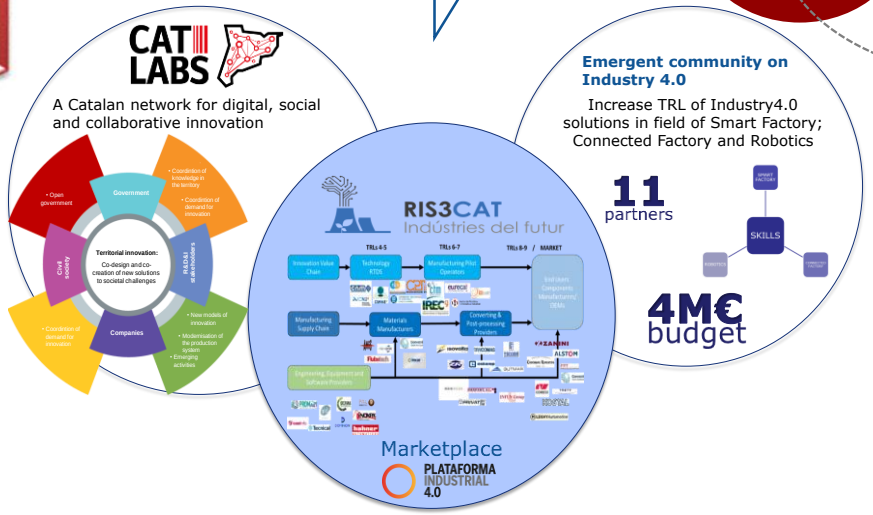
Regional context RIS3 and DIH

RIS3CAT Action Plan: more than 400 MEUR from ERDF to support Catalonia's smart specialisation and to transform knowledge and technology into economic and social value



- improving the efficiency of production processes,
- reorienting companies towards segments of greater added value
- promoting new economic activities.





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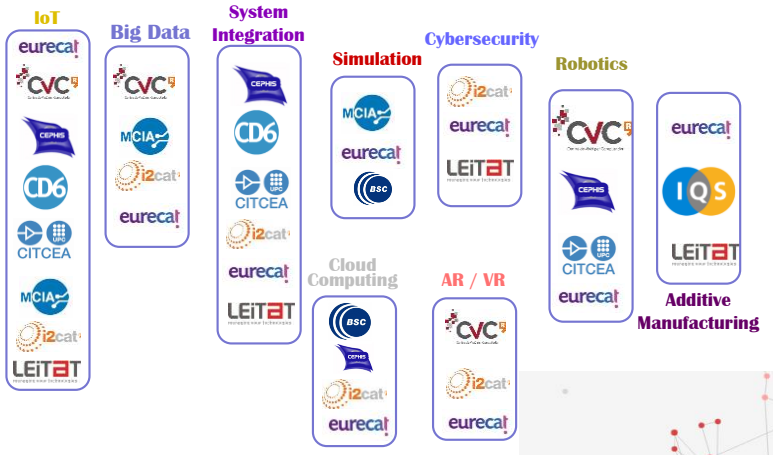
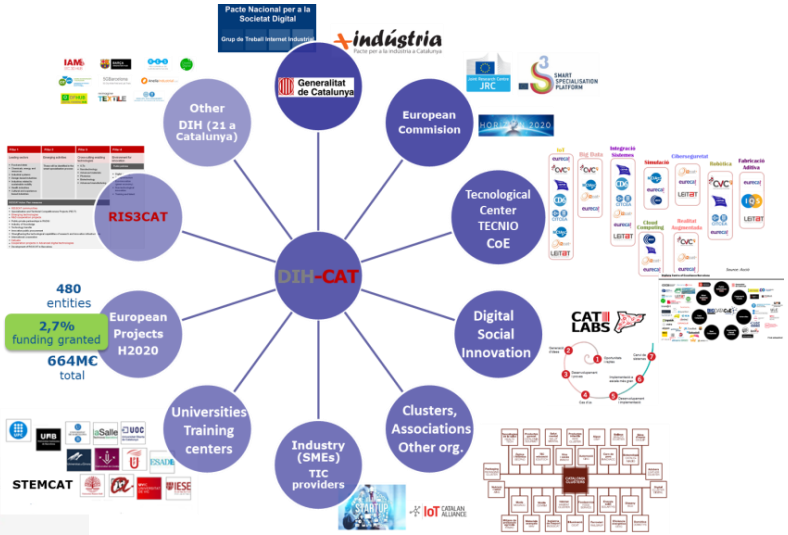
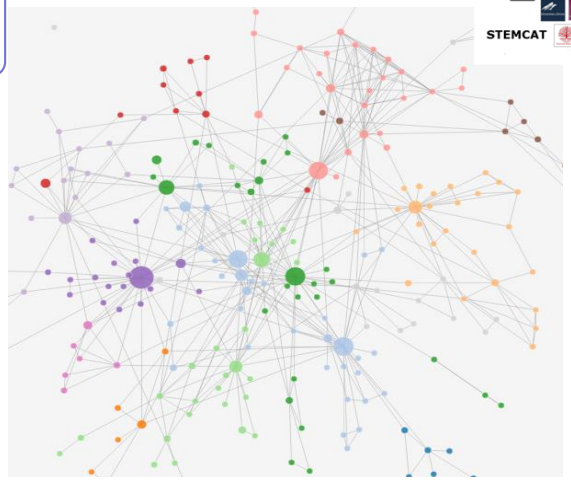
Digital Innovation Hub

- Is it the ecosystem of actors providing digital technologies/services to companies?
- Is it an articulated structure providing a catalogue of digital services?
- Or is it both?







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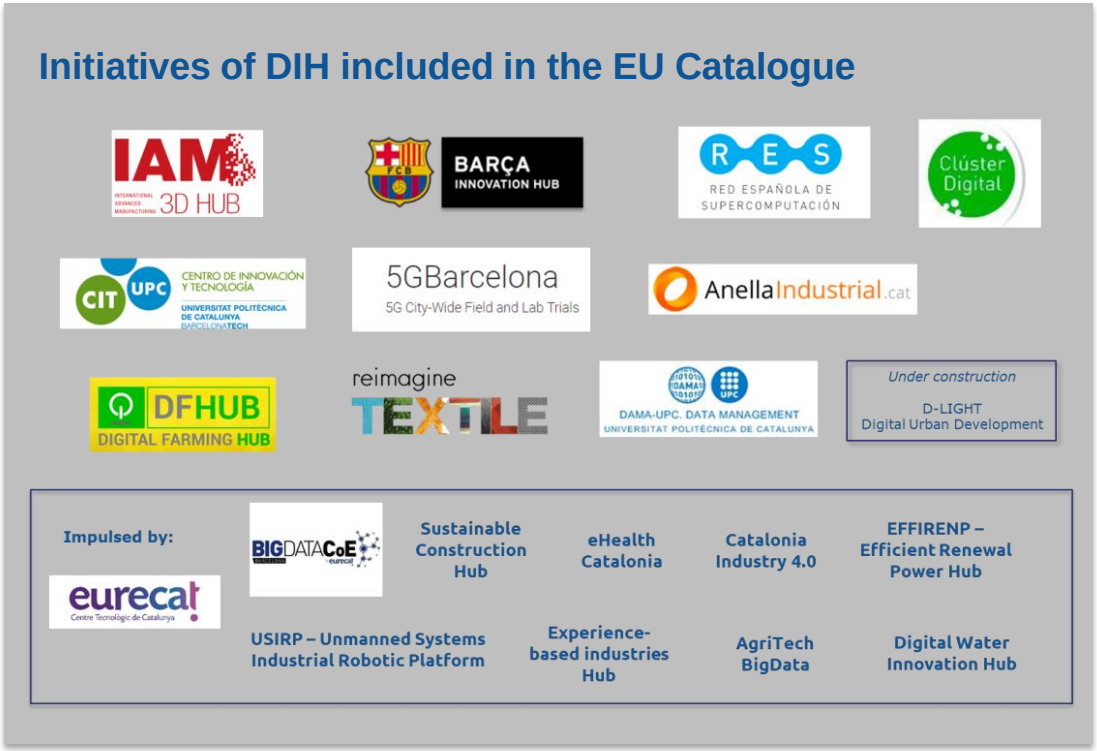
Challenges RIS3 -DIH

- At this moment the discussion is about how to “organize” the multiple existing initiatives and services into a Catalan DIH with to aims: to facilitate access to companies and to improve the capacity to get funds from European competitive calls.

- It is necessary to design and implement a common “structure” with a governance to “organise” and “visualise” the digital technological capacities and services (the ecosystem).

- It is necessary to combine bottom-up and top-down approaches



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Digital Innovation Hub

Digital services currently provided by different stakeholders (some examples):

Marketplace

PLATAFORMA INDUSTRIAL 4.0

More information
http://plataformai40.com/

i2cat

Assesment

+PiME INDUSTRIA 4.0

More information https://eurecat.org/es/mespime/

eurecat

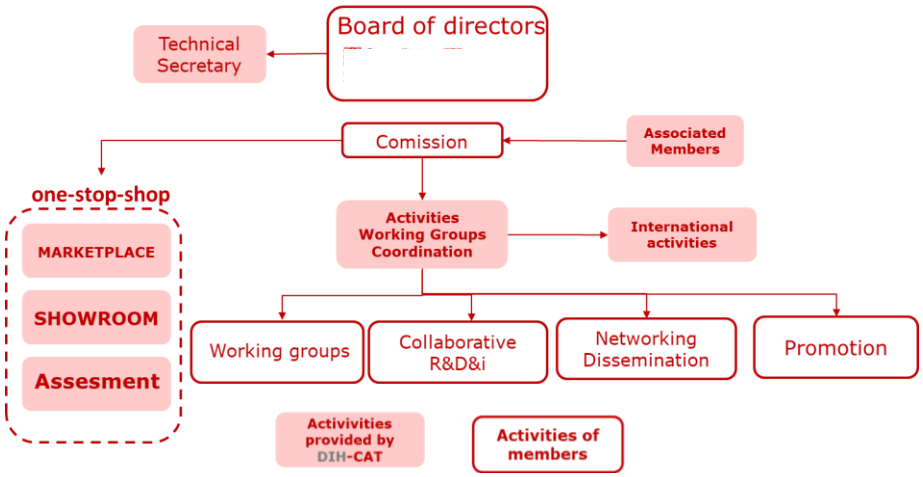
Showroom

More information www.iam3dhub.org

IAM 3D HUB

How should the DIH be organised?

- Public consultation in the RIS3CAT framework about the DIH common structure and its governance.
- Dialogue between the Government and the DIH stakeholders.
- Funding from ERDF under the RIS3CAT.



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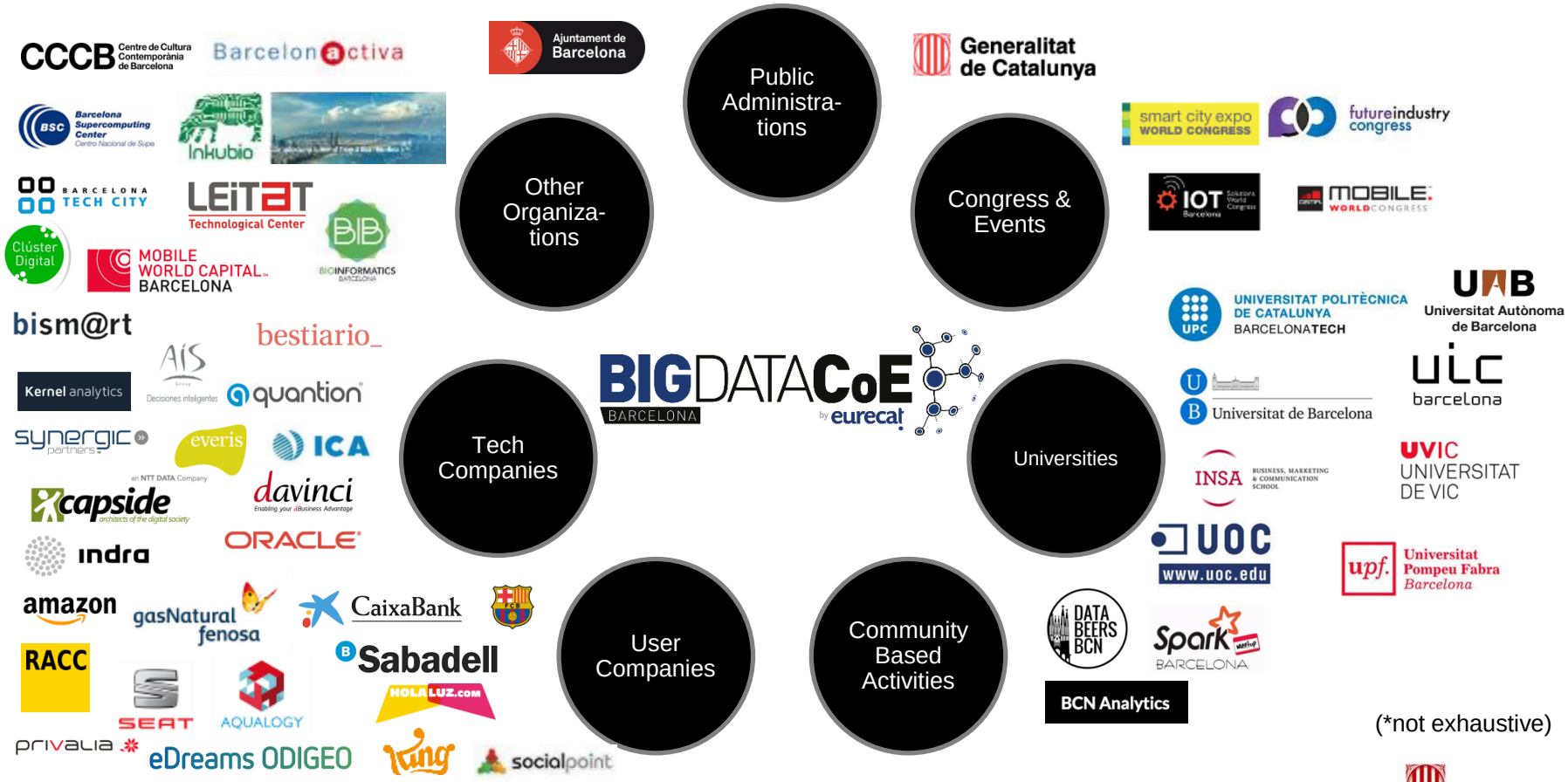
Catalonia's DIH ecosystem of Big Data (draft)



(*not exhaustive)

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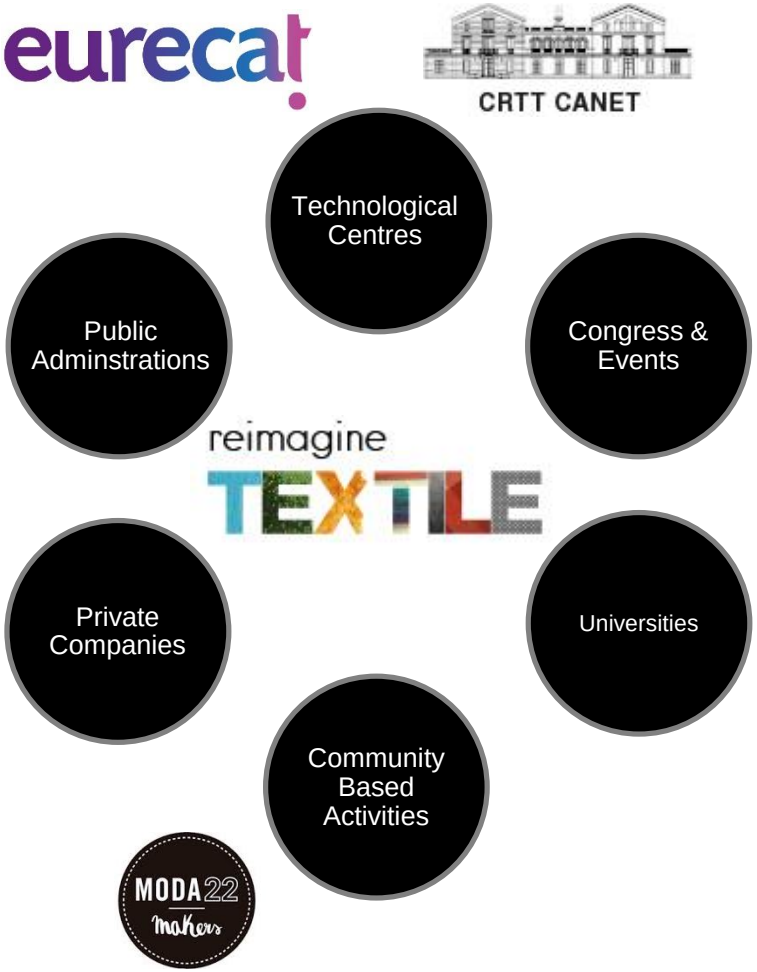
Catalonia's DIH ecosystem of textile (draft)



ACCIÓ Generalitat de Catalunya

Diputació Barcelona

eurecat

CRTT CANET

FEDER Fondo Europeo de Desarrollo Regional UNIÓN EUROPEA "Una manera de hacer Europa"

Ajuntament de Mataró

futureindustry congress

ELISAVA Escuela Superior de Diseño e Ingeniería de Barcelona

LCI Barcelona

ASEGEMA ASSOCIACIÓ D'EMPRESARIS DE GÈNERES DE PUNT DE MATARÓ I COMARCA

TecnoCampus

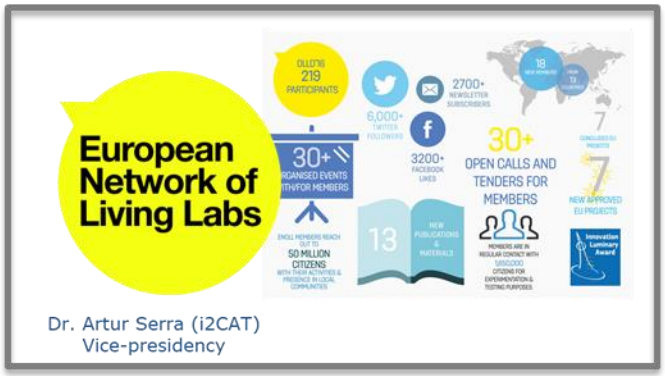
AEI Tèxtils.cat

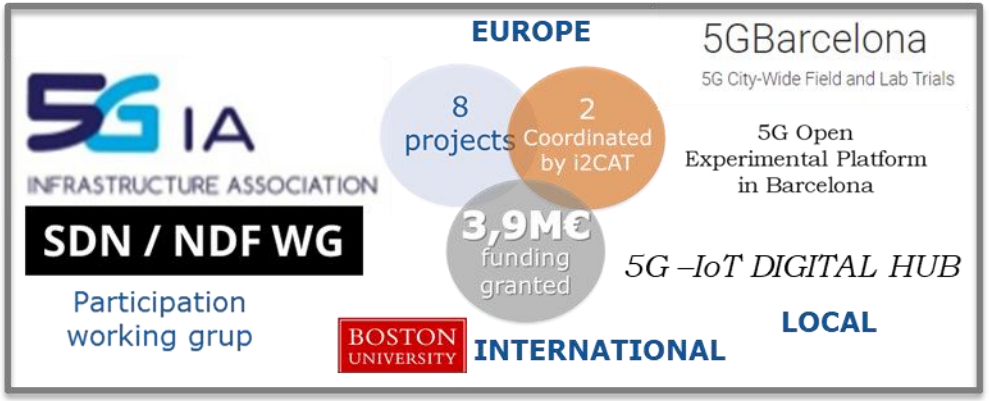
Materfad FAD + ELISAVA Materials centre Barcelona

MODA22 makers

International collaboration

collaboration map with other regions and Hubs





Standarization activities:

ETSI

eurecat International collaboration and memberships

AM PLATFORM

AIOTI

EARMA
European Association of Research Managers and Administrators

earpa

ECTP
INNOVATIVE BUILT ENVIRONMENT

European Innovation Partnership on Active and Healthy Ageing
REFERENCE SITE

SPIRE
Sustainable Process Industry through Resource and Energy Efficiency

BDV BIG DATA VALUE ASSOCIATION

EARTO
IMPACT DELIVERED

EFFRA
EUROPEAN FACTORIES OF THE FUTURE RESEARCH ASSOCIATION

EPoSS
European Technology Platform on Smart Systems Integration

ERTICO
INTELLIGENT TRANSPORT SYSTEMS AND SERVICES-EUROPE

ERTRAC
European Road Transport Research Advisory Council

eu Robotics

PHOTONICS21

TEPPIES
Textile Project Proposal Information Exchange System
Building strong collaborative Textile Research Projects TOGETHER

VANGUARD INITIATIVE

SmartEEs

nem
New European Media

WssTP

EIP Water

RIS3CAT

CATALONIA'S SMART SPECIALISATION STRATEGY

Further information:

Catalunya2020.gencat.cat

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European Union