

Delivering Digital Innovation Hubs

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Outline

- Explore what a DIH is expected to deliver
- Examine the range of stakeholders in a DIH
- Show how the DIH should connect



Strategic Impact



Societal
Challenge



LEIT

Excellent
Science



EIT-Health
EIT-Digital



KETs

SMART
Systems

cPPPs
ETPs

I4MS



European Innovation
Partnership on Smart
Cities and Communities

Robotics WP Overview

**Priority
Application
Areas (PAA)**



Platforms



DIHs



DIH Coordination (CSA)



Cross Cutting



Robotics DIH

- Sector based DIH
 - Access to technology
 - Access to testing facilities
 - Standards development
 - Access to Platforms & Pilots
- Market barrier reduction
- Cross sub-sector remit
- Communication with
 - Central CSA through Working Groups
 - Funded actions
 - Other robotics DIHs



DIH Network Consortia

- Partners deeply rooted in regional/national
- Network needs critical mass
- Create pan-European connections
- Purpose is to deliver broad range of services to the community
- Activities should aim at long-term sustainability
 - and include a business plan for the digital innovation hubs,
 - a plan
 - to attract investors,
 - to address training and skills development needs
 - and dissemination.
 - Use established networks like the Enterprise Europe Network and the NCP network when reaching out to SMEs
- Develop highly innovative, **cross border experiments**.
 - At least 50% of the budget should directly benefit SMEs or slightly bigger companies.
- Collaborate in building a network of Digital Innovation Hubs
 - covering most regions in Europe.



DIH Eco-System

“Proposals are also expected to connect, share expertise, and closely collaborate with the DIHs in the other PAAs via the Central Robotics DIH CSA”

Networks Of DIH

DIH Coordination

Working Group

Agri-Food

Healthcare

Infrastructure
Inspection,
and
Maintenance

Agile
Manufacturing

Eco-System (Stakeholders)

Competence
Centres

Other
DIHs

Funded
Actions

Process
Owners

Regulatory
Bodies

Manufacturers

Regional
Government

Training
Providers

End Users

Investors

EU Structural
Funds

System
Providers

Researchers

Innovators

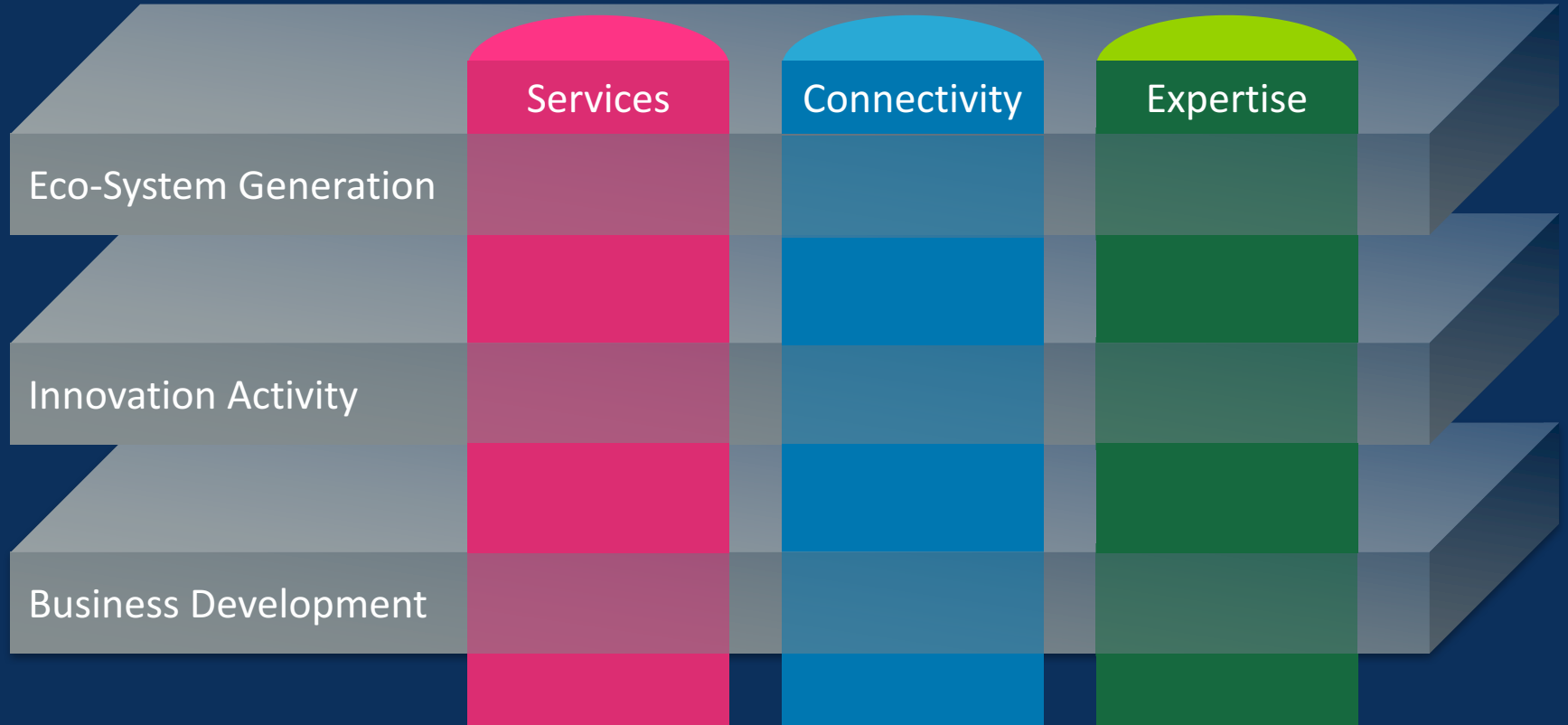
Innovation
Agencies

“...access to
Finance...”



DIH Actions

“Identify added value”



See Working Group 1 Report



“deeply rooted”
“orchestration”
“one stop shop”

Service
Providers

Local
Industry

Regional
Specialisation

Regional Partners

Services

Workshops,
Fora...

Connectivity

Strong online
presence...

Expertise

Best Practice
Guides...

Eco-System Generation

Innovation Activity

Demonstrators,
Incubation...

Research
Leaders...

Technology
Assessment...

Business Development

Digitisation
Assessment

Access to
Funding...

Business Models
Skills & training

Regional

National

EU

FSTP

SME/Mid Cap Access



Research

Testing &
Validation

Platforms

Pilots

Standards

Funding

Creating Access

Services

Connectivity

Expertise

Eco-System Generation

Innovation Activity

Business Development

“federated”

Delivery Shaped to Need

Technology
Provider

System
Developer

System
Integrator

Service
Provider

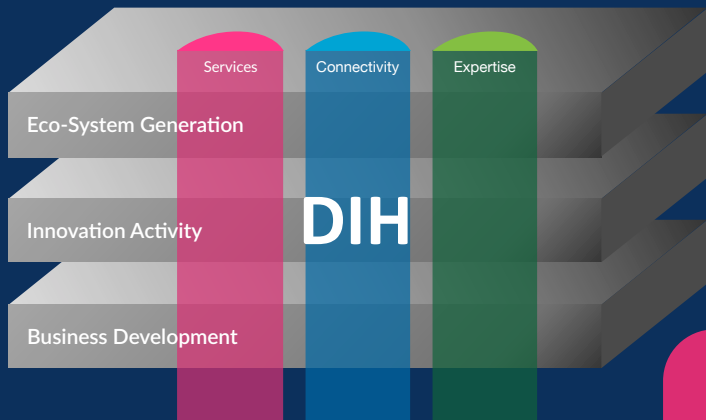
End Users

Stakeholders

Supporting value chains and networks



The Integrated Eco-system



“DIH should support the development of use-case demonstrators at TRL 5 and above, preferably based on open system platforms.”

Platforms
(2019-2020)

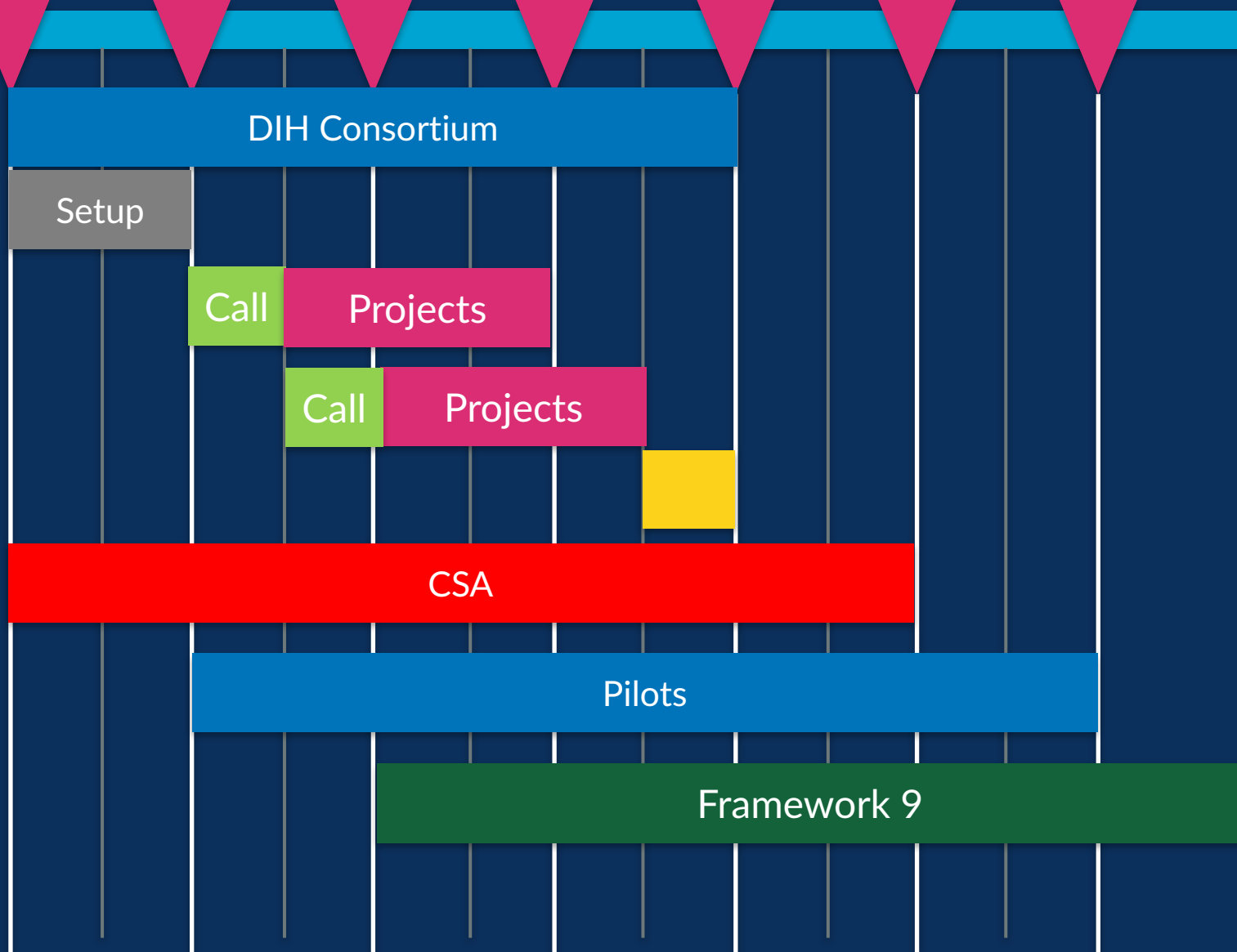
“...contribute to common system platforms, engaging in the development of industry-led standards and developing and disseminating standards demonstrators; facilitate access to pilots and collaborate with all the robotics actions funded in the WP and beyond, as appropriate.”

Pilots
(2019-2020)



Example Timeline

2019 2020 2021 2022 2023 2024 2026



Example Timeline

2019 2020 2021 2022 2023 2024 2026

DIH Consortium

Setup

Call Projects

Call Projects

CSA

Pilots

Framework 9



Delivering a Community

- DIH networks create communities
- Cross collaboration essential
- CSA Coordinates
 - Between communities
 - Between sectors
- Working together will accelerate innovation



Global Reach



Events

DIH Workshop on Healthcare

DIH Workshop on Agile
Manufacturing

10th 11th Jan (TBC)

