Industry4.E Lighthouse session

Productive4.0 1st Conference
Athens, 07/03/2018
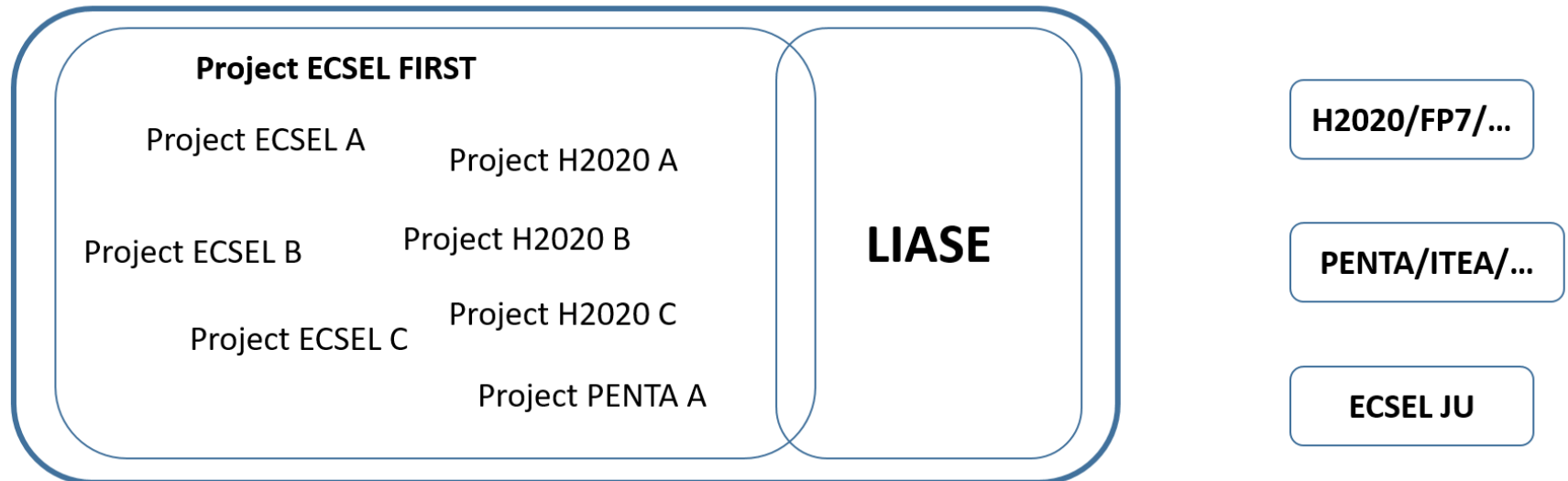
Berta Ferrer Llosa
ECSEL JU Programme Officer

ECSEL JU

ECSEL LIs: General Concept

Lighthouse Initiative (LI)

Project ECSEL FIRST

Project ECSEL A

Project H2020 A

Project ECSEL B

Project H2020 B

Project H2020 C

Project ECSEL C

Project PENTA A

LIASE

H2020/FP7/...

PENTA/ITEA/...

ECSEL JU

A « container » of coordinated activities (=projects)
coming from different programmes
working towards common goals
TOGETHER WITH A **Lighthouse Initiative Advisory SErvice** (**LIASE**)
SUPPORTED by ECSEL JU
BUT independent of the different programmes including ECSEL JU

ECSEL JU

ECSEL Lighthouses Initiatives

- **Industry.4E**

  First ECSEL project: Productive4.0

- **Mobility.E**

  First ECSEL project: Autodrive

- New this year: **Health.E**

  First ECSEL project: Position-II

Industry4.E building blocks

LIASE members:
- Andrew Lynch (IMR)
- Chris Decubber (EFFRA)
- Eduardo Beltran (Mondragon Corp.)
- Knut Hufeld (Infineon DE)
- Olli Ventä (VTT)

Projects:
- Productive4.0(ECSEL)
- MANTIS (ECSEL)
- SWARMs (ECSEL)
- SemI40 (ECSEL)
- DELPHI4LED(ECSEL)
- I-MECH (ECSEL)
- SCOTT (ECSEL)
- iDev40 (ECSEL)
- AFarCloud (ECSEL)
- ConnectedFactories (FoF PPP)
- I4MS (FoF PPP)

Future:
Dedicated ECSEL call in 2018 – Industry4.E Coordination and Support Action (CSA)
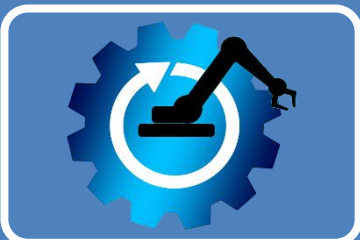
More info soon

ECSEL JU

Industry4.E impact

R&D&I + cross-cutting content

- An umbrella for all Industry Digitalization related activities in the field of Electronic Components and Systems
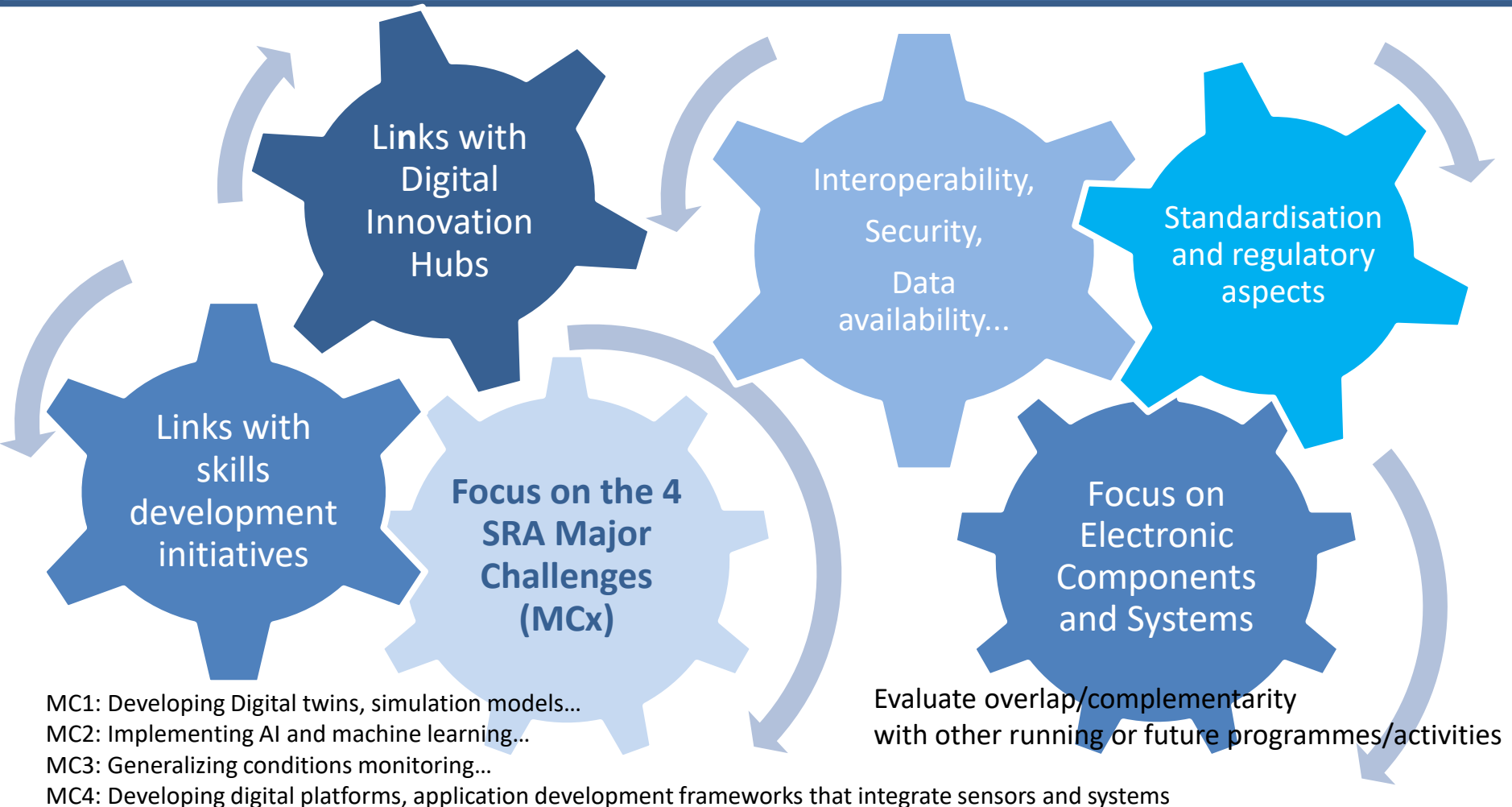
Community building

- A communication platform for all stakeholders facilitating the cooperation and reducing fragmentation.
- A link towards the respective national and regional activities in the field.

Dissemination and more

- A social impact and uptake accelerator of project results.
- A powerful channel towards specialized and general public.

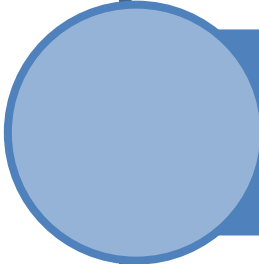**ECSEL JU**

Industry4.E: R&D&I + cross-cutting aspects

Links with Digital Innovation Hubs

Interoperability, Security, Data availability...

Standardisation and regulatory aspects

Links with skills development initiatives

Focus on the 4 SRA Major Challenges (MCx)

Focus on Electronic Components and Systems

MC1: Developing Digital twins, simulation models…
MC2: Implementing AI and machine learning…
MC3: Generalizing conditions monitoring…
MC4: Developing digital platforms, application development frameworks that integrate sensors and systems

Evaluate overlap/complementarity
with other running or future programmes/activities

ECSEL JU

Industry4.E: Community/Dissemination

Stimulate sharing of best practice among the Lighthouse projects on how the cross-cutting focus points are addressed

Stimulate sharing of non-confidential project information in order to stimulate synergies between projects

Organise I4.E specific events like for instance projects' workshops on identify topic(s), public general dissemination events, joint (European/national) dissemination actions…

ECSEL JU

Thank you for your attention!

Do you want to know more?

https://www.ecsel.eu/lighthouse-initiatives

Questions?

Industry4.E@ecsel.europa.eu

ECSEL JU