

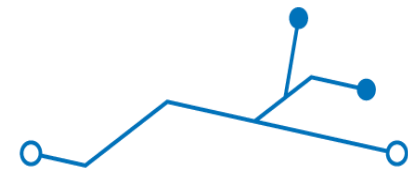


RD&I Focus Areas

Aeneas

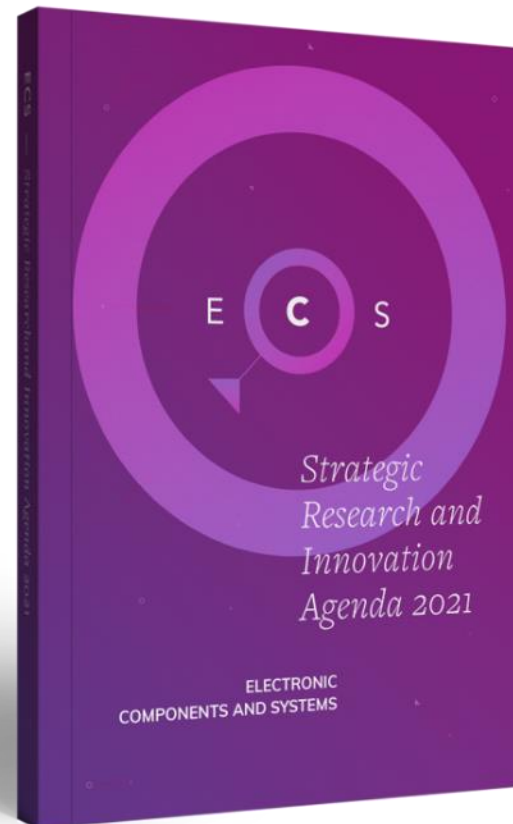
Σ eureka

For more information:
www.eureka-xecs.com



RD&I Focus Areas?

The Strategic Research and Innovation Agenda!





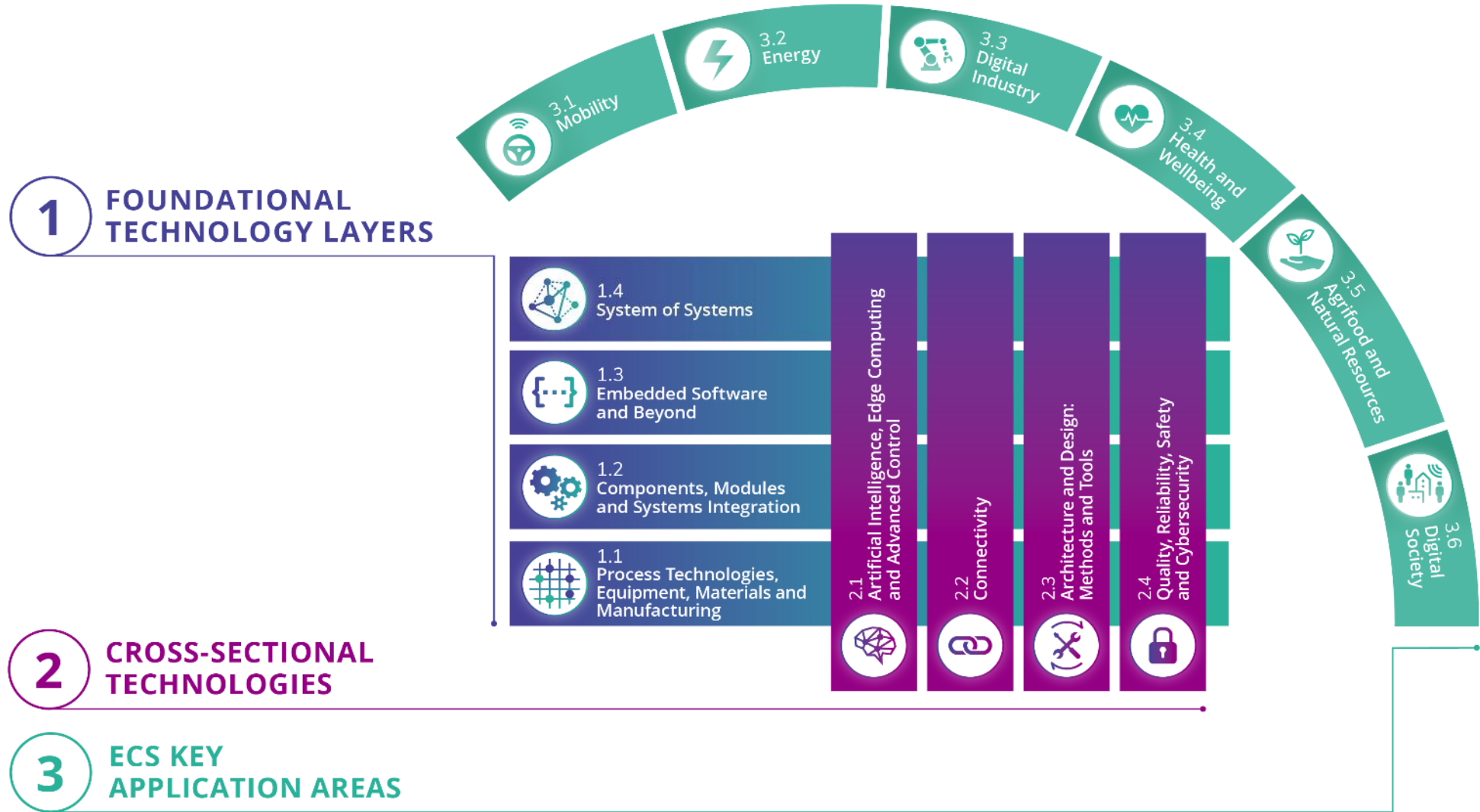


The ECS Strategic Research and Innovation Agenda

Tool to coordinate R&D&I and funding across the entire ECS value chain

- ✕ Combined research agenda from the three Industry Associations AENEAS, ARTEMIS-IA and EPoSS that represent large companies, SMEs, universities and research institutes from the whole domain spectrum.
- ✕ Results from a collective work of experts contributing on a voluntary basis
- ✕ Targets Excellence, Expertise and Openness:
 - No limitation on participation: Legitimacy comes from the collective effort
 - Over 250 experts participated to the 2021 version
 - Reach beyond our “traditional” community: Being aware of / involving other communities
 - SRIA is guidance for ECS community R&I: Need to be aware of trends
 - Roadmap useful if strong adoption
 - Expertise over obedience – No requirement to belong to an Association, or balance between association representation at the level of section teams

ECS SRIA 2021 Structure



Source ECS SRIA 2021

Global Timelines



X “A journey of a thousand miles begins with a single step”

- From Tao Tö King, circa 400 BC

X Selected **milestones** over **three time periods**

- Short term (2021–2025):
The industry has a **precise idea** of what must be achieved during that timeframe.
- Medium term (2026–2030):
Reasonably good knowledge of what can possibly be achieved.
- Long term (2031 and beyond):
Expected achievements are more of a **prospective nature**.

X Described features expected to be **available as ECS** at TRL levels 8–9 (**prototype** or **early commercialisation**) within that timeframe

X Detailed timelines available in each technology or application section

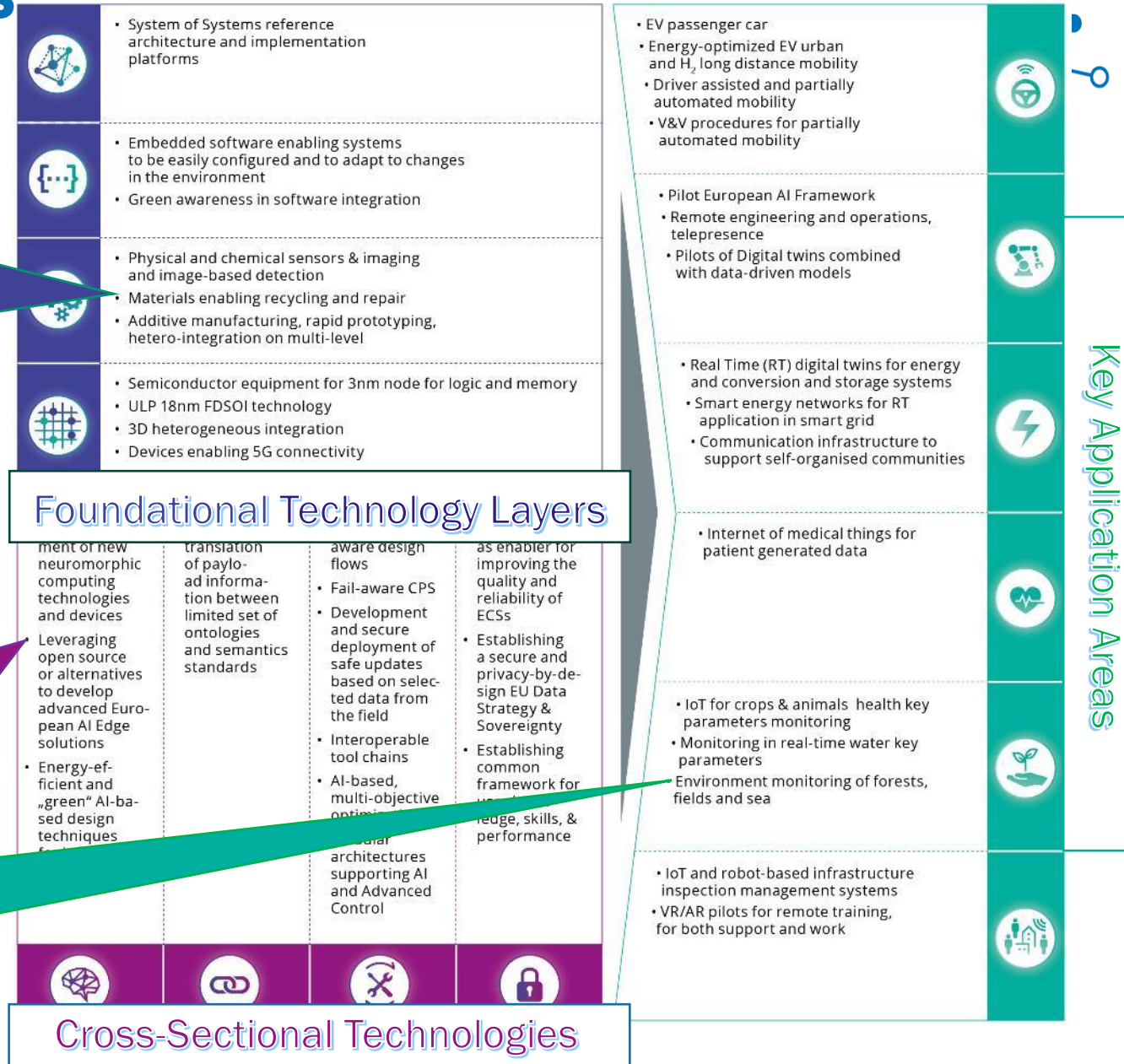


https://fr.wikipedia.org/wiki/Lao_Tseu

Materials enabling recycling and repair
Components, Modules and System Integration
Foundational Technology

Advanced AI edge solutions leveraging open source or alternative strategies
Artificial Intelligence, Edge Computing and Advanced Control
Cross-Sectional Technology

Widespread deployment of sensors to monitor forests, fields and oceans
Agrifood and Natural Resources
Key Application Area





Xecs Σ

Aeneas

Σ eureka

For more information:
www.eureka-xecs.com