

# Overlaps, non-orthogonality and European Fragmentation

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- There are many associations and funding programmes with quite some overlap
- Topics like Cyber-Physical Systems, Embedded Intelligence, IoT, AI, Big Data, etc. are not to be seen as isolated orthogonal topics, but as different, inter-related viewing angles on the complex systems that we are building today and tomorrow
- Fragmented funding comes from
  - EU (H2020/HEU); partitioning of subjects? How to manage complexity? cPPPs and iPPPs?
  - EU and EU member States (tri-partite funding in iPPP (ECSEL-JU)) for transnational projects
  - Eureka member States for transnational projects
  - National funding schemes for national projects
- Associations should cooperate to complement their SRA's (are there forgotten areas for Europe?)
  - The **Lighthouse Initiatives** as started in ECSEL are a good start to cross-connect key projects and SRA's in specific application and technology areas



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