Exploring Synergies for Digital Healthcare Applications: KDT and IHI

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innovation you

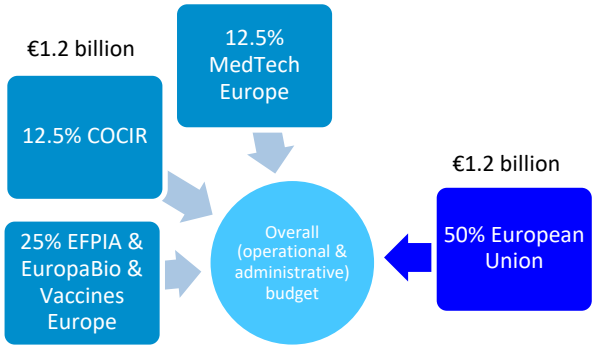
IHI – Innovative Health Initiative

The Innovative Health Initiative (IHI) is a new Joint Undertaking under Horizon Europe, succeeding Innovative Medicines Initiative (IMI)

Cross-sectorial collaboration in **health research & innovation**, combining **pharma and medtech**

Five industry associations, representing the private sector (see below), will together with public partners pioneer healthcare innovation

Industry contribution is matched with EU funding to come to a 2.4B program (2021-2027)



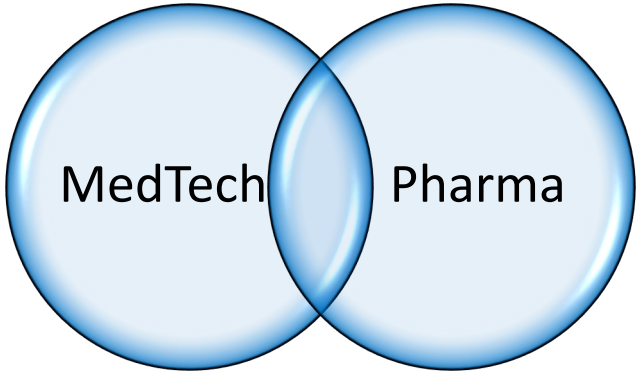
IHI – Innovative Health Initiative

IHI's Objectives

- Turn health research and innovation into real benefits for patients and society
- Deliver safe, effective health innovations that cover the entire spectrum of care – from prevention to diagnosis and treatment – particularly in areas where there is an unmet public health need
- Make Europe's health industries globally competitive

IHI – Innovative Health Initiative

Strategic Research & Innovation Agenda (SRIA)

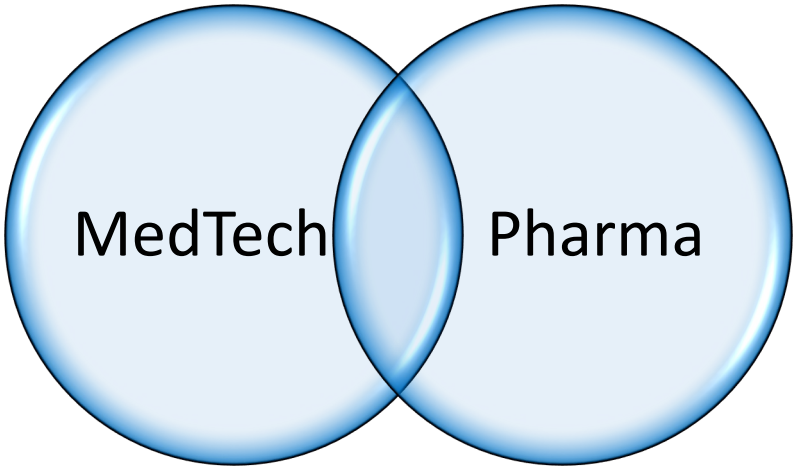


Benefits for European citizens, healthcare systems & industry

- **Better understanding of the determinants of health and priority disease areas**
- **Integration of fragmented health care Research & Innovation efforts**
- **Development of people-centred, integrated health care solutions**
- **Full use of digitalisation and data exchange in health care**
- **Assessment of added value of innovative and integrated health care solutions**

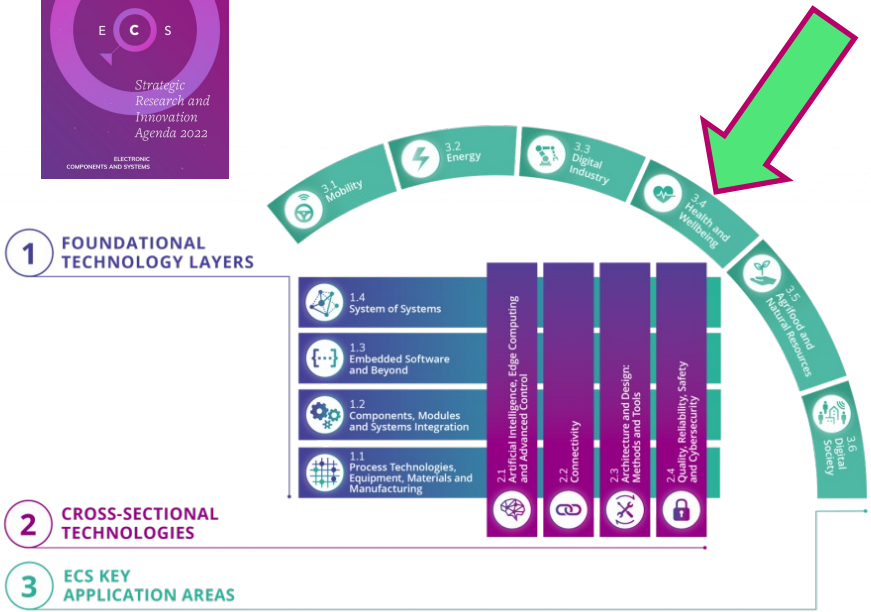
High Level View – IHI and KDT

innovative health initiative



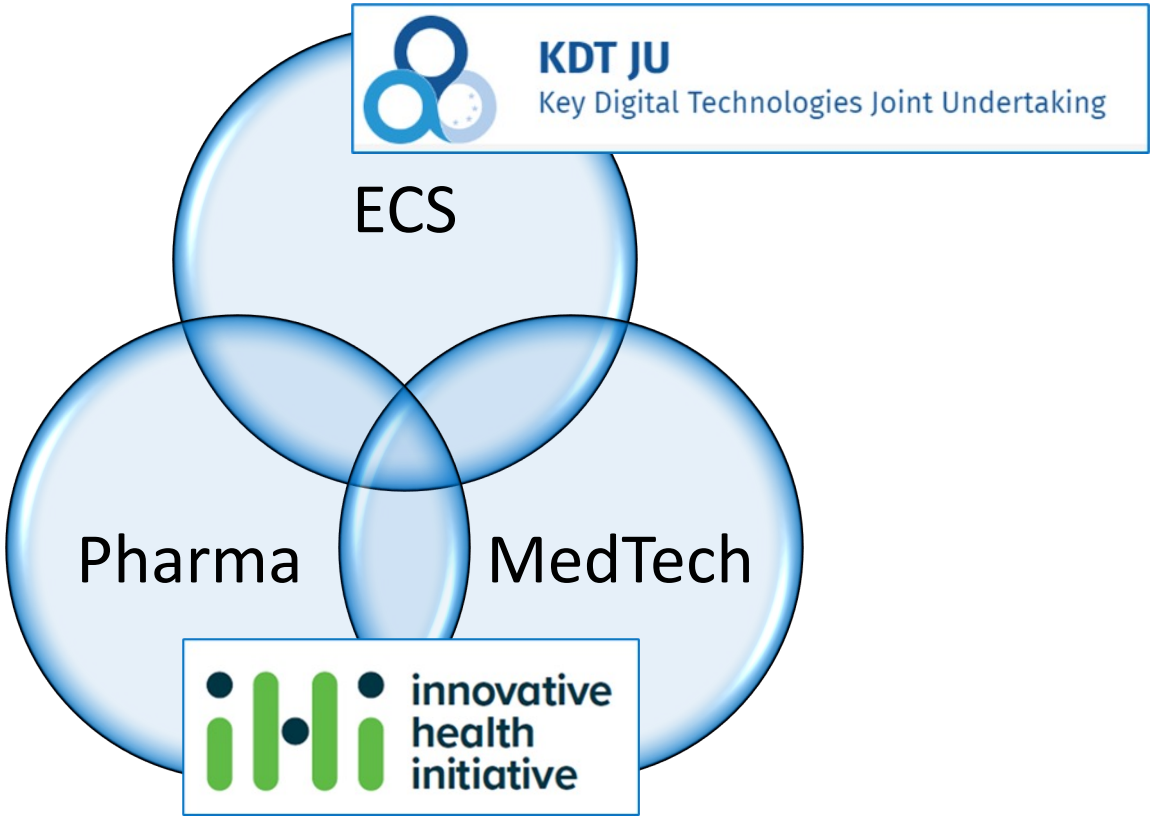
KDT JU
Key Digital Technologies Joint Undertaking

Electronic Components and Systems (ECS) SRIA

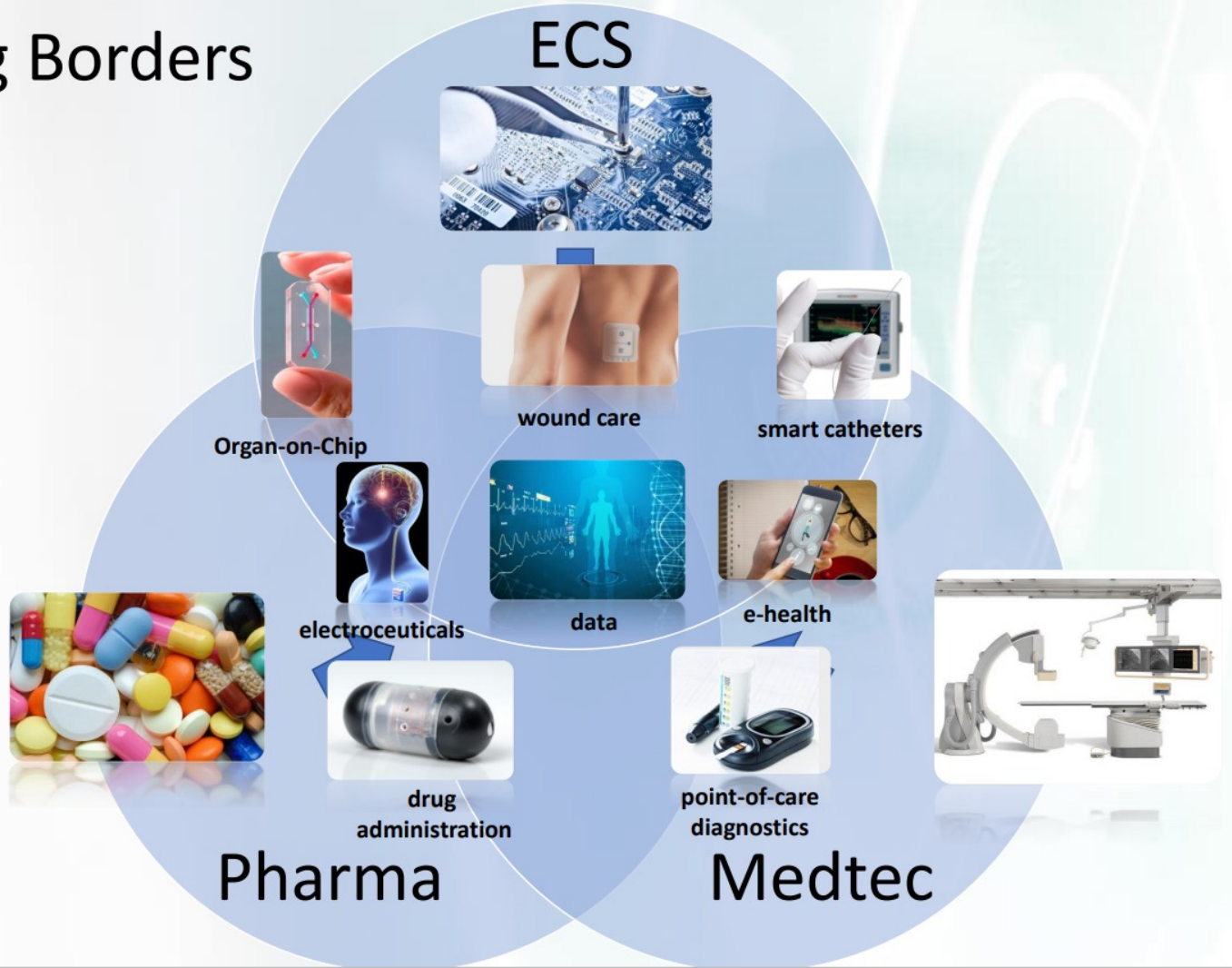


Exploring synergies KDT and IHI

- Identify Synergies
- Break Silos
- **Optimize Innovation and Business Opportunities**



Fading Borders



HEALTH.E

ECSEL
Joint Undertaking

EUROPEAN UNION

Emerging Medical Domains

- Bioelectronic medicines
- Organ-on-Chip
- Personal ultrasound
- X-ray free interventions
- Smart minimally invasive instruments
- The second generation of surgical robots
- Smart drug delivery
- Intelligent wound care
- Ambulatory monitoring
- Point-of-care diagnostics
- Remote sensing and monitoring
- E-health
- Advanced therapies using genes, cells and tissues
- …

Starting points for identification of synergies

- Focus on Member States, EU and Industry interests
- KDT ECS SRIA must be base for selecting topics
- High impact only

- ***DO NOT:***
  - Pursue joint calls, too complex due different structures (e.g. tripartite vs. bipartite, call timelines, call budgets, ..)

- ***DO:***
  - Prioritize potential synergetic topics, workshops dedicated on health
  - Examples (not exhaustive)
    - Software defined systems for healthcare
    - Data and privacy security for healthcare
    - Medication adherence supported by ECS solutions
    - …

Useful links

- Health E | Moore for Medical (health-lighthouse.eu)
- Publications | Health E (health-lighthouse.eu)
- Innovative Health Initiative | IHI Innovative Health Initiative (europa.eu)

PHILIPS