Exploring Synergies for Digital Healthcare Applications: KDT and IHI

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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)

- 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

Benefits for European citizens, healthcare systems & industry

MedTech

Pharma

MedTech

Pharma
High Level View – IHI and KDT

MedTech

Pharma

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

ECS
- wound care
- smart catheters

Organ-on-Chip
- data
- e-health

Pharma
- electroceuticals
- drug administration

Medtec
- point-of-care diagnostics
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
  - ...

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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)