



Alliance for
Internet of Things
Innovation

AIO TI

SIGNATURE EVENT

IoT and Edge computing : Societal Impact and
Opportunities for the Green Digital Twin
Transition

27
Sep | Brussels

2022

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AIOTI Signature Event • 27 September 2022

Session 2: IoT improving Healthy Urban Living

Pietro Dionisio, AIOTI WG Health Chair (Medea)

Impact Assurance strategy for supporting innovation deployment



Innovation



better monitoring, more personalized services and more independent life

To address....

Ageing population and chronic diseases

Lack of personnel

Inefficiency third sector systems

Inequities

Sustainability

Barriers and Risks

Risks ...

The **lack of trust in innovative decision support technologies** is hindering the wider adoption, while issues around integrating new technologies into current practice are also prominent challenges identified by relevant stakeholders in EU MS

Gaps in innovation accountability: Legal gaps in current regulations, lack of ethical and legal governance

Misuse of IoT tools: lack of training, lack of digital literacy among patients

Lack of transparency and trust: lack of understanding and trust in IoT technologies

Privacy and security issue: risk of data being exposed, shared without any consent, re-purposing, etc.

Obstacles to implementation in real-world: lack of clinical & technical integration and interoperability of IoT technology with existing clinical workflows

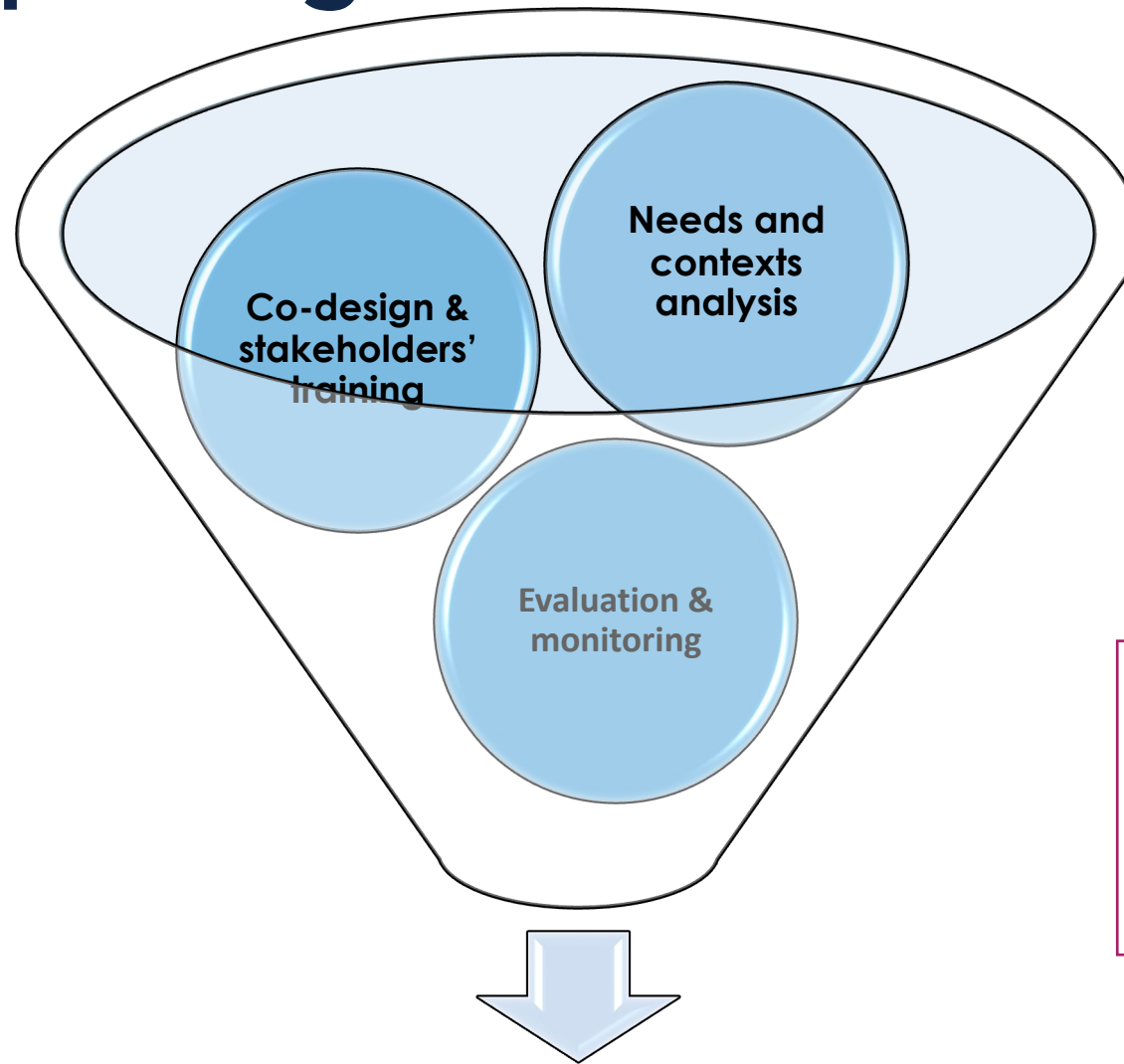
Strategies for AI wider adoption

Innovation is such only when: it is implemented and produces benefits towards a specific goal



Starting from the need and analyzing a possible solution in terms of: feasibility, available resources, acceptance from users standpoint, management and sustainability elements

Steps for supporting innovation wider adoption



To ensure, **data quality** → **trust** → & **innovation adoption**



Thank you for listening

Any questions?

You can find us at [@AIOTI_EU](#) or email sg@aioti.eu