6G-CARE

6G-enabled Connected and Autonomous Response for eHealth

Sébastien Faye, Project Coordinator

October 2026

Co-funded by the European Union

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LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY | LIST

Project factsheet

6G-CARE

6G-enabled Connected and Autonomous Response for eHealth

SNS JU Stream D | Innovation Action | GA 101287270





36 months

1 October 2026 – 30 September 2029

€7.29m	€6.00m	6
Total project costs	EU contribution	Trial sites

6G-CARE vision: “to integrates advanced 6G enablers into real healthcare settings, validating connected care and emergency-response services through six European trials”

Consortium

LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY LIST
imec
i2cat
FORTH
CATAPULT Digital
Université Lumière Lyon 2
firecell
neutroon
R2M SOLUTION
tragbeat
MATSUKO
GigaSys Solutions
Canon CANON RESEARCH CENTRE FRANCE S.A.S.
Linde
SPINDOX LABS
POST Telecom
VIAVI
6GHA HEALTH ASSOCIATION

Six trial sites across Europe

6G-CARE

PRIMARY VERTICAL

Healthcare

CO-CREATION & VALIDATION

Clinicians, patients and responders help define requirements and assess clinical outcomes.

HEALTHCARE / END-USER EXAMPLES

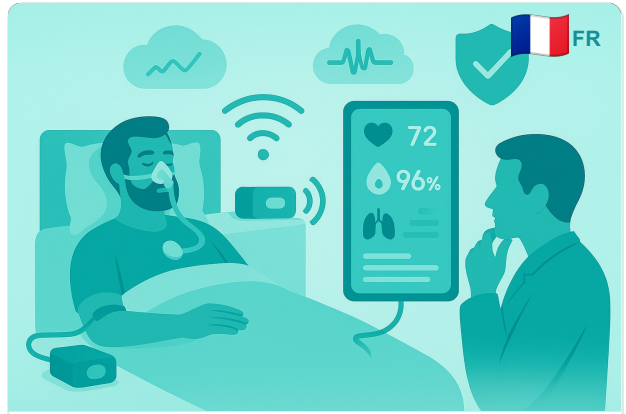
- Antwerp University Hospital
- Greek ambulance services
- Linde homecare teams
- UK National Health Service
- Physiotherapists & rescue teams
- Medical-Note clinical experts



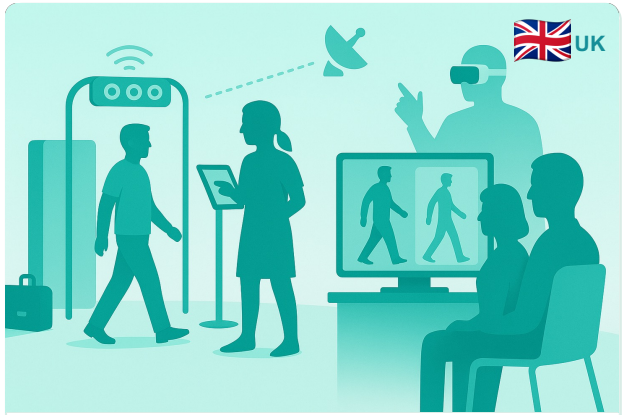
UC1 AI-assisted emergency care



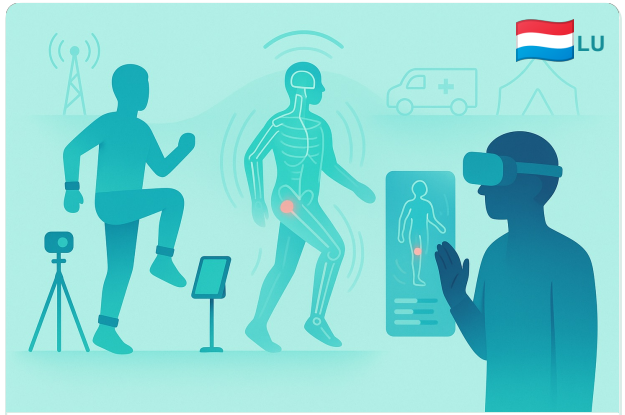
UC2 Resilient disaster-zone care



UC3 Adaptive sleep-apnoea therapy



UC4 Remote autism screening



UC5 XR physiotherapy & telemedicine



UC6 Connected ambulance-to-hospital

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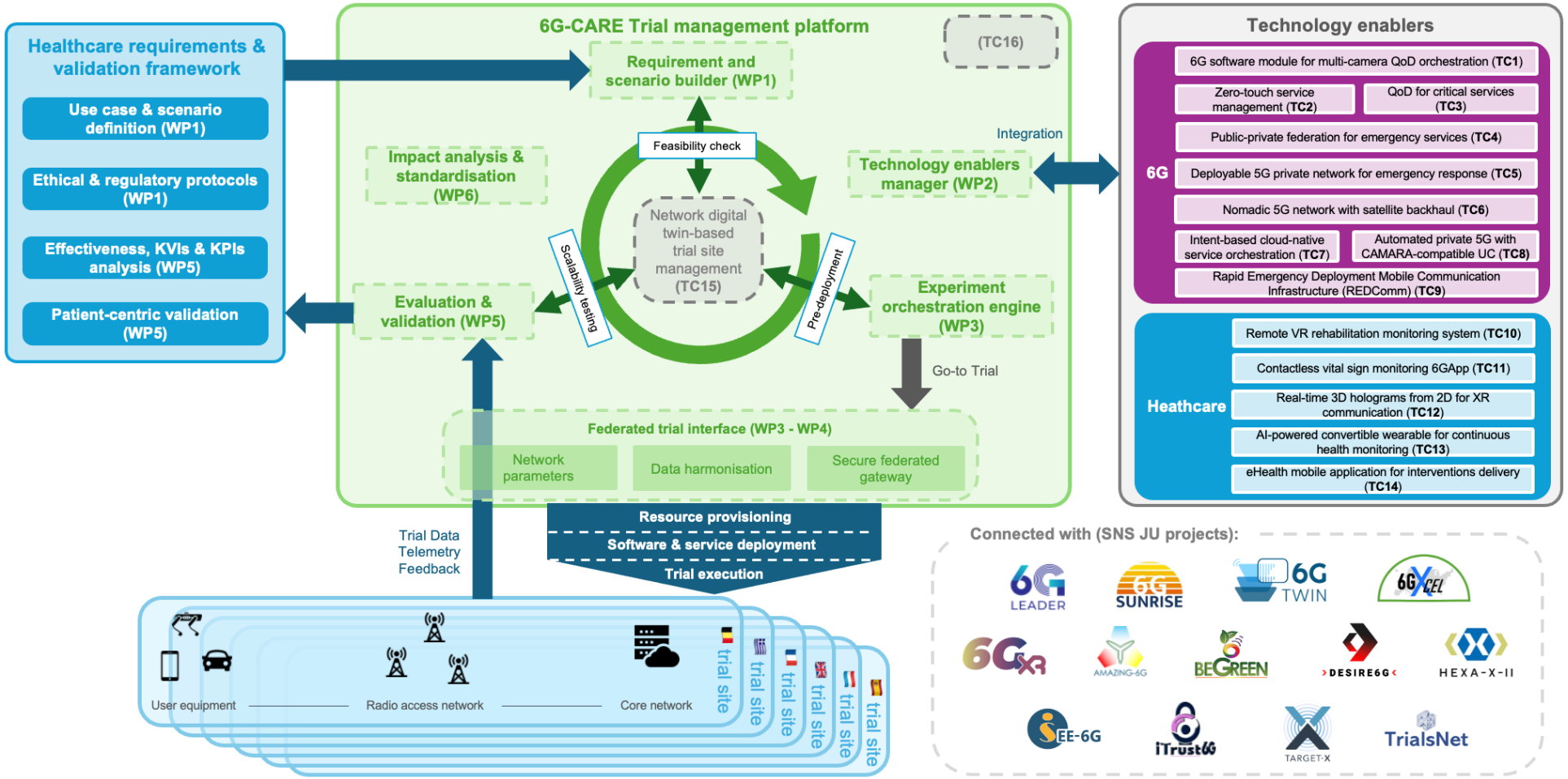
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Our approach

6G-CARE

KEY EXPECTED OUTPUTS

1. Federated Trial Management Platform (NDT + orchestration)
2. 16 integrated technology components
3. Six real-world trials targeting TRL 7
4. Harmonised technical and healthcare KPI/KVI evidence
5. Reusable APIs, replication plans and business cases



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Thank you!

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Sébastien Faye

Project coordinator - LIST
sebastien.faye@list.lu



Jensen Joymangul

Technical coordinator - LIST
jensen.joymangul@list.lu



Régis Decorme

Communication manager - R2M
regis.decorme@r2msolution.com

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