

Project Meetings



Plenaries


**2 APRIL
2025**

The third plenary meeting held on 2nd April 2025 in Thessaloniki, Greece, at WinPhoS Research Group premises, engaged partners and doctoral candidates in discussions on the next steps.


**7 JULY
2025**

The fourth online plenary meeting enabled participants to discuss key topics, exchange ideas, and establish priorities for moving forward.

Mid-term review




**3 APRIL
2025**

The mid-term review meeting brought together the consortium and EU Commission representatives to assess progress, with reviewers providing constructive and encouraging feedback on the project's achievements and strong collaboration.

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SCAN ME !

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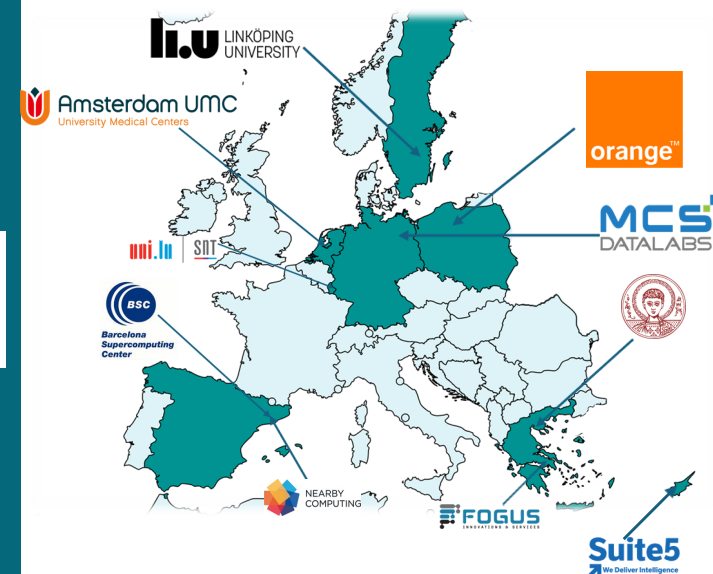
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ELIXIRION

rEaLizing healthcare 4.0 eXploiting
the 6G netwoRk evolutiON



Consortium

  10 Doctoral
Candidates (DCs)
  8 Countries
  4 Universities
  5 Companies
1 Research Center

Funding

Grant Agreement:
101120135

Programme:
HORIZON-MSCA- 2022- DN- 01-HORIZON
TMA
MSCA Doctoral Networks

Duration:
01/11/2023 - 31/10/2027 (48 Months)

Granting authority:
European Research Executive Agency

Coordinator:
Aristotle University of Thessaloniki



Network Architecture & Challenges



Lazaros Liatsas
DC04-NBC

Research on actionable explanation methods for AI-based service and network orchestration frameworks to improve resource efficiency and Quality of Service (QoS).



Danial Shafaei
DC05- BSC

Develop AI-based prediction frameworks based on a game-theoretical model and integrate the non-terrestrial domain in collaboration with DC-01.



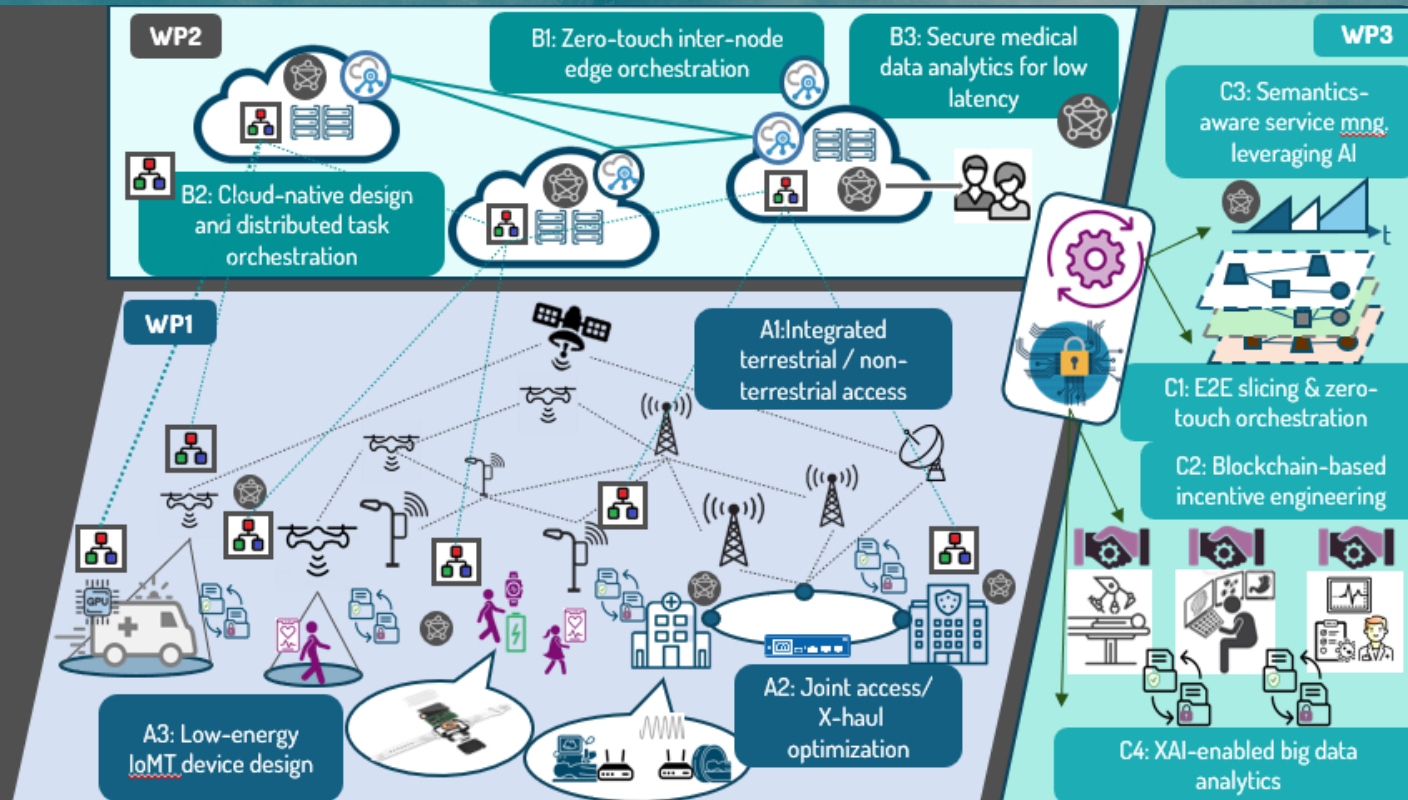
Bhavesh Sonwani
DC06- AUMC

Literature review and research question formulation on cerebral venous sinus thrombosis (CVST).



Khushboo Sahu
DC07-ORAN

Investigating challenges in E2E slicing and AI-enabled orchestration for dynamic resource allocation across heterogeneous network domains.



Panagiota Xepapadaku
DC08-FOG

Modeling incentive engineering mechanisms for blockchain-based network applications and analyzing KPIs in 6G scenarios with location awareness.



Erfan Delfani
DC09-LIU

Leveraging semantics-aware communication for energy-efficient IoT networks operating across diverse network configurations.



Xavier Alejandro Flores Cabezas
DC01-LU

Developing convex-optimization-based sub-optimal algorithms for data reporting through terrestrial or non-terrestrial infrastructures to remote endpoints, leveraging context-aware data compression.



Upaangana Das
DC02-AUTH

Developing cost-efficient algorithms for 6G Healthcare 4.0 hotspots, considering both the access and X-haul segments under power, delay, and capacity constraints.



Anwar Latheef
DC03-MCS

Exploring neuromorphic processor architectures and training methods for low-power smart IoT wearables, aligning their operation with neuroscience principles to improve efficiency and adaptability.



Dafni Panopoulou
DC10-SUIT

Conducting a comparative survey and evaluation of state-of-the-art XAI techniques.