

Seamlessly handling application life-cycles and underpinning IT and networking resources.

On top of a federated infrastructure that includes Cloud, Edge, far edge, and data sources from multiple stakeholders.

On AC3 will employ AI/ML algorithms to predict CECC usage as well as far edge availability, which when combined with application profiles, will help determine the optimal placement of the microservices that will run applications on the CECC infrastructure.

Objectives & Ambition

- 1 A novel architecture for Cloud Edge Continuum including the far edge
- 2 A new enablers for microservice-based applications deployment in CECC
- 3 New federation model as well as trust and security enablers to accelerate resource sharing in CECC
- 4 Integrate data management as a PaaS in CECCM
- 5 Zero-touch management and configuration of application LCM
- 6 Green-oriented zero-touch configuration and management of the CECC infrastructure
- 7 Towards end-to-end CECC network programmability



Use Cases

UC1

IoT and Data



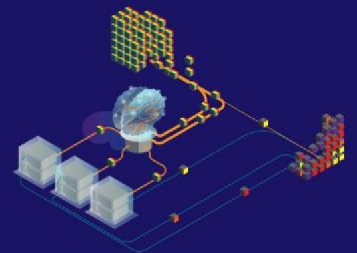
UC2

Smart Monitoring System using UAV



UC3

Deciphering the universe



Consortium



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