

CONSORTIUM

Atos



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@mf2c_project

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Towards an Open, Secure, Decentralized and Coordinated Fog-to-Cloud Management Ecosystem



Driving through the Edge



Objectives

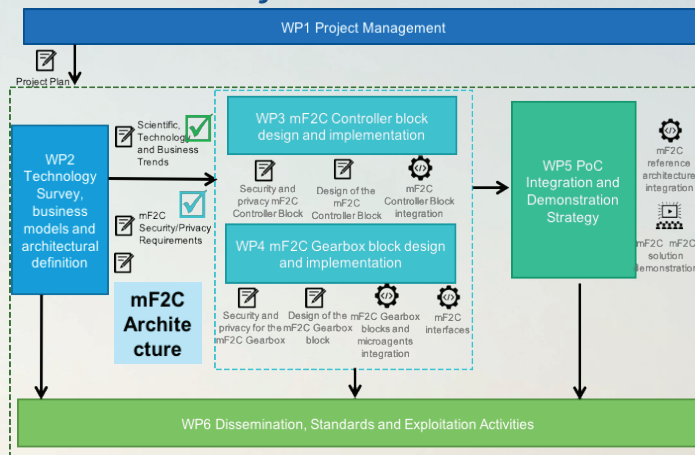
- › Develop mF2C as a global management framework for the F2C ecosystem.
- › Develop a security and privacy framework for mF2C.
- › Develop novel technologies and techniques for service execution in mF2C.
- › PoC validation in real-world use cases and analysis of novel business models.
- › Disseminating the mF2C framework and contributing to standards.

Expected Impacts

- › Availability of advanced tools and platform for Governments to improve living conditions in cities and towns and generate business opportunities.
- › Increased competitiveness for SMEs in business market, and emergence of innovative business.

European
Businesses

Project Overview



Use Cases

Enriched Navigation Service (ENS)

Development and extension of Sentinel devices and sensors to provide operational support and monitoring in the marine sector.

Emergency Situation Management in Smart Cities (ESM)

Integration of mobility and industrial solutions in order to provide advanced and more efficient services to end-users and decision makers.

Smart Fog-Hub Service (SFHS)

Experimental case to extend the concept of "cloud hub" to "fog hub", create new business models, extend the value chain and enable the creation of new actors/ service providers.

Service
provider

Availability of platforms to integrate IoT and Cloud and develop added value solutions and services on top.

- › Improve the competitive position of the European Cloud sector.
- › Extension of portfolio of product and services offered
- › Professional services to be offered on the extended scenario.

Cloud
provider

Technology
provider

- › Increased request of IoT and Fog devices, with boost in revenues.
- › Request for next generation improved devices, R&D opportunities.