



# INTEROPERABILITY ASPECTS

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IOT WEEK 2018 – BILBAO, SPAIN

PANEL “*BUILDING IOT CROSS-DOMAIN AND CROSS-PLATFORM INTEROPERABILITY*”

# GOEASY AT A GLANCE



**Duration:** 1/12/2017 – 30/11/2020  
(36 months)

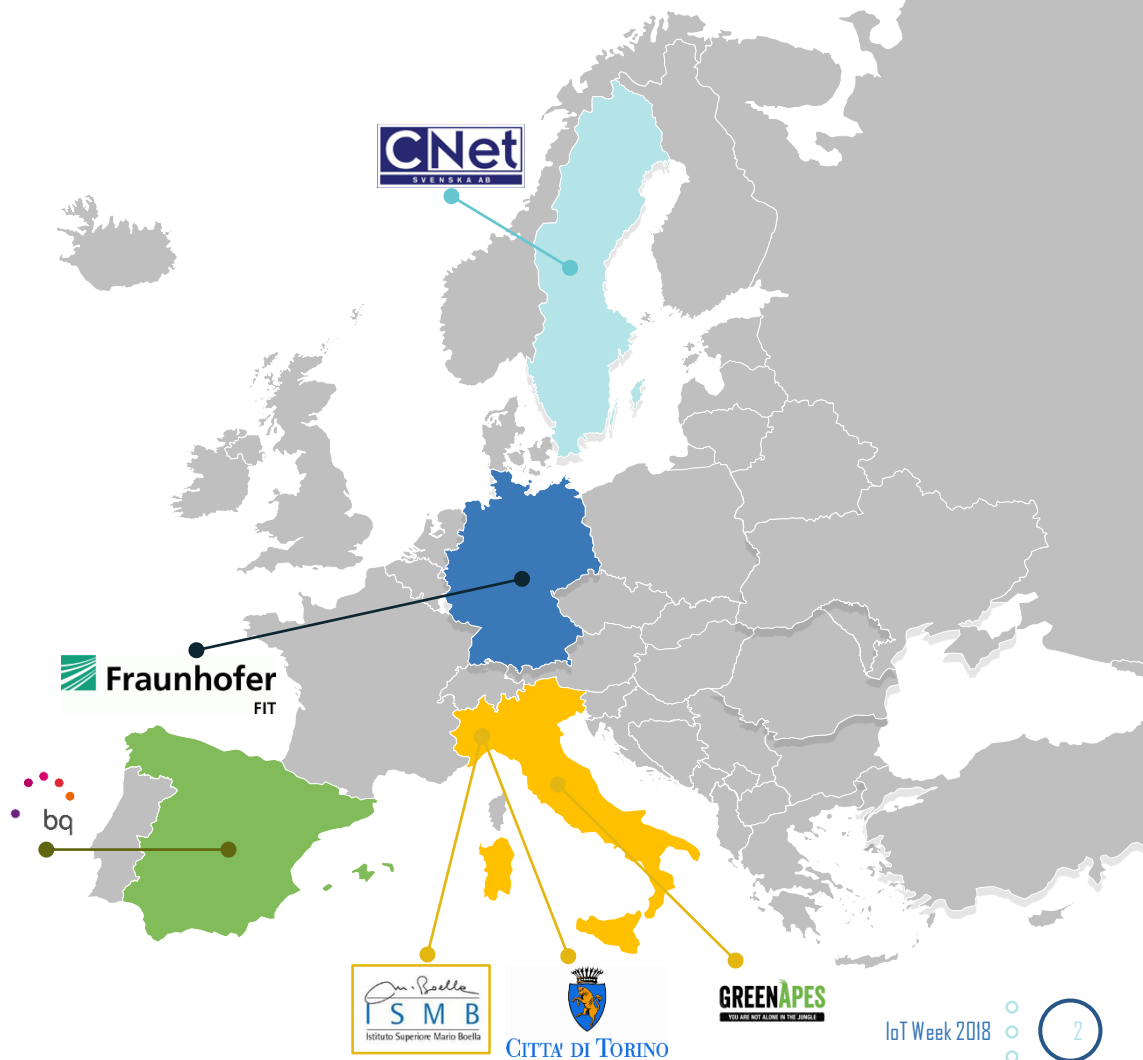
**Total cost:** 2,9M€

**Innovation Action**

**Contract 776261**

**Topic:** H2020-GALILEO-GSA-2017-1  
EGNSS mass market applications

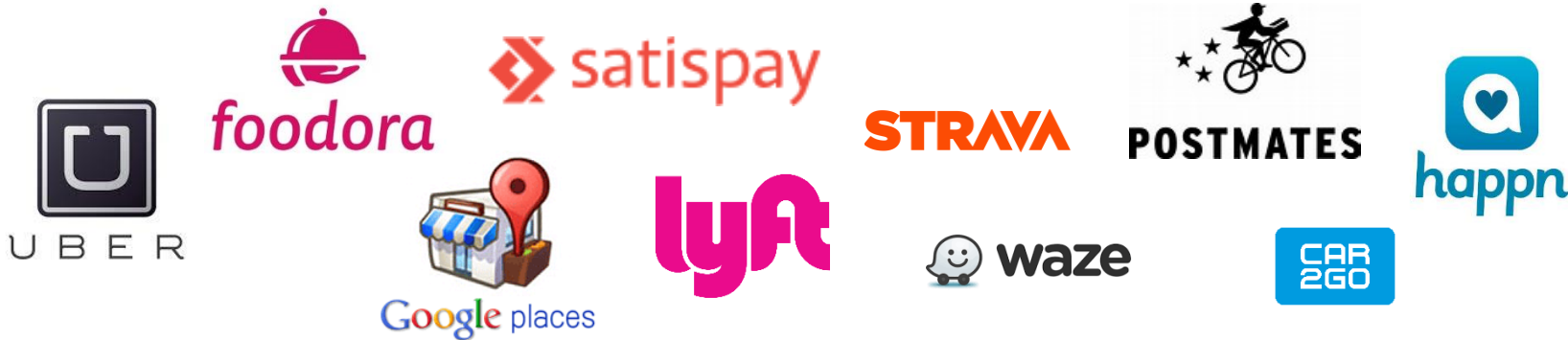
**Topic Summary:** Development of EGNSS solutions for IoT exploiting the interconnectivity of uniquely identifiable devices and the availability of their location.



# CONTEXT



- Applications and services leveraging position information (location-based services) are in exponential growth



- 70% of all mobile phones worldwide will have GNSS capability by 2020 (GSA's Market Report Issue 4)

Trust

Privacy

Interoperability

e-Security

Accuracy

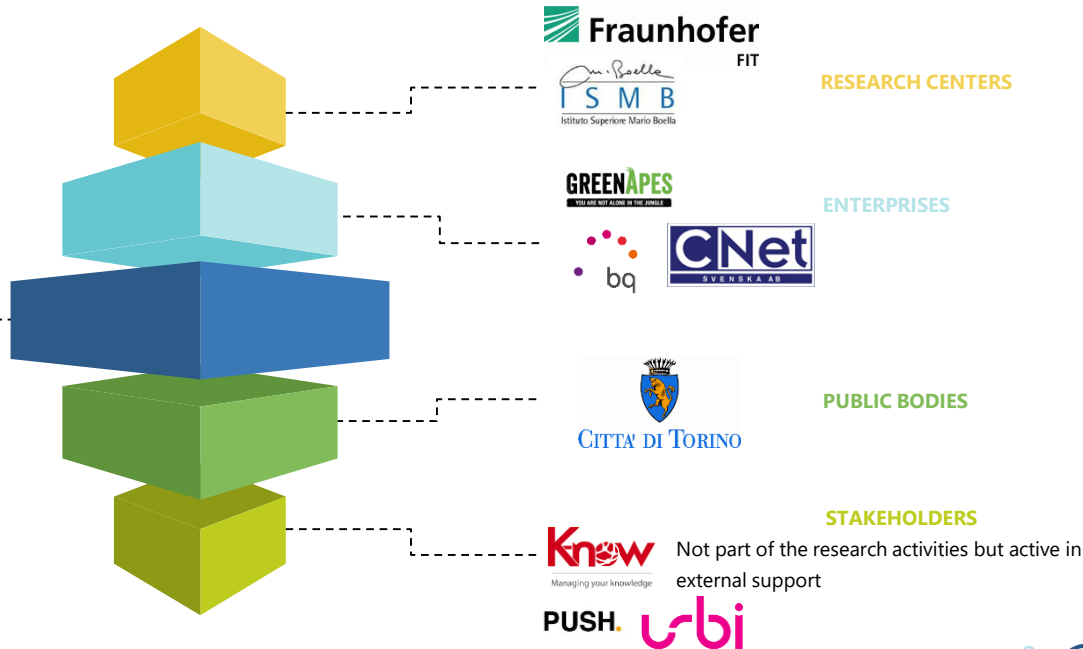
# GOEASY: AIM



GOEASY will enable a new generation of **trusted and dependable mass-market Location-Based Services (LBS)** for engaging, stimulating and rewarding citizens for more sustainable behaviors

## Open eco-system

- built upon **Galileo** features (trust and availability)
  - leveraging **open-standards** and **platform enablers**
  - to federate with existing
1. **authentication and e-security services,**
  2. **IoT and SmartCity platforms** and
  3. **CAPs**





# GOEASY TECHNICAL OBJECTIVES



To implement and evaluate an innovative eco-system for **trusted and dependable mass-market Location-Based Services (LBS) and applications, exploiting Galileo features** for increased trust and improved availability



To deliver an **end-to-end, adaptive framework for dependable and trusted measurement and exchange of position information** built upon Galileo multi-constellation and authentication features and on existing open architectures for e-security



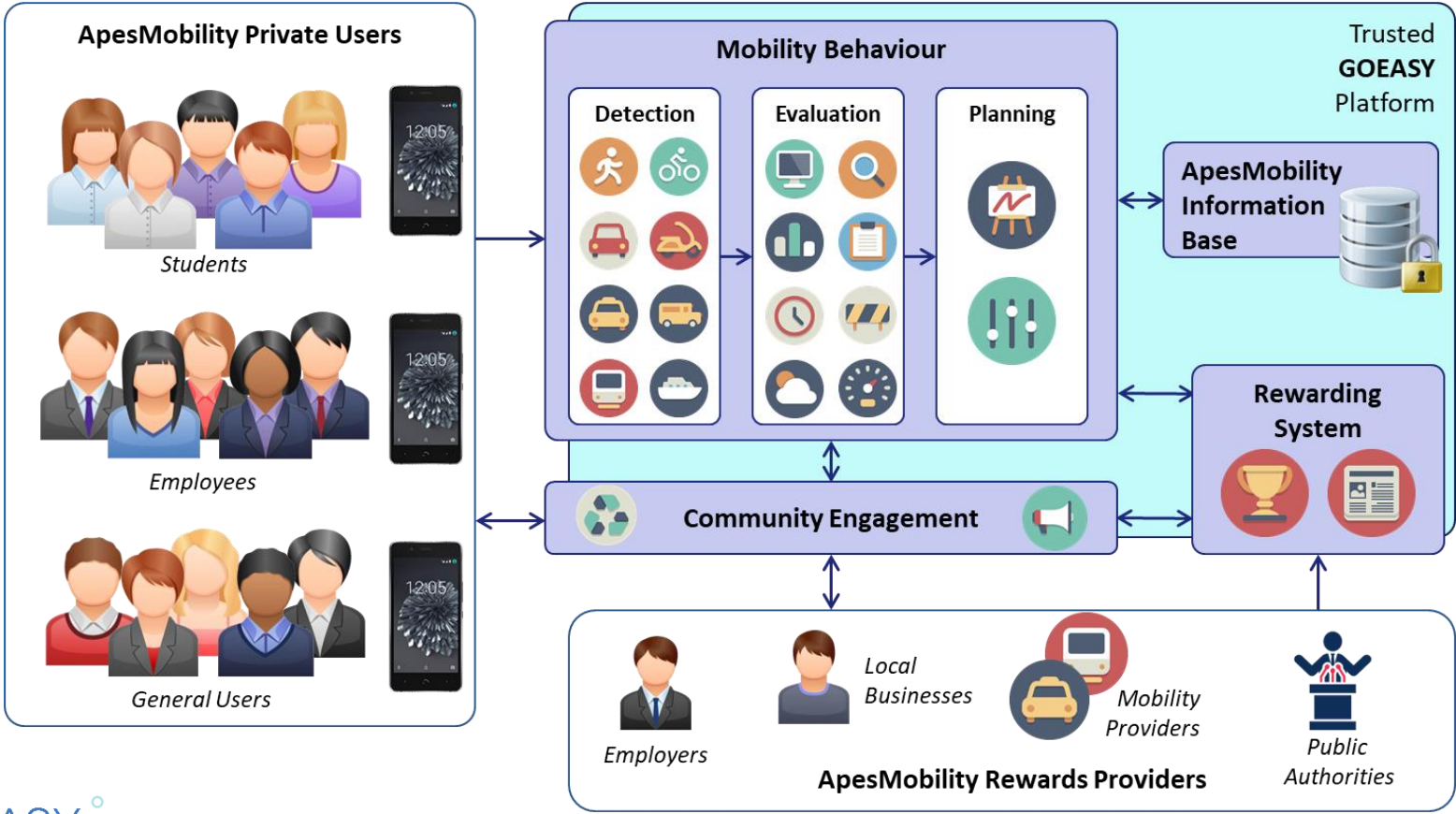
To enable rapid development of **interoperable and trusted generic applications** through open API (Application Programming Interface) and SDKs (Software Development Kits) for mobile LBS



To foster **interoperability of Galileo-based applications with open Internet-of-Things (IoT) eco-systems** through well-established open standards and enablers.

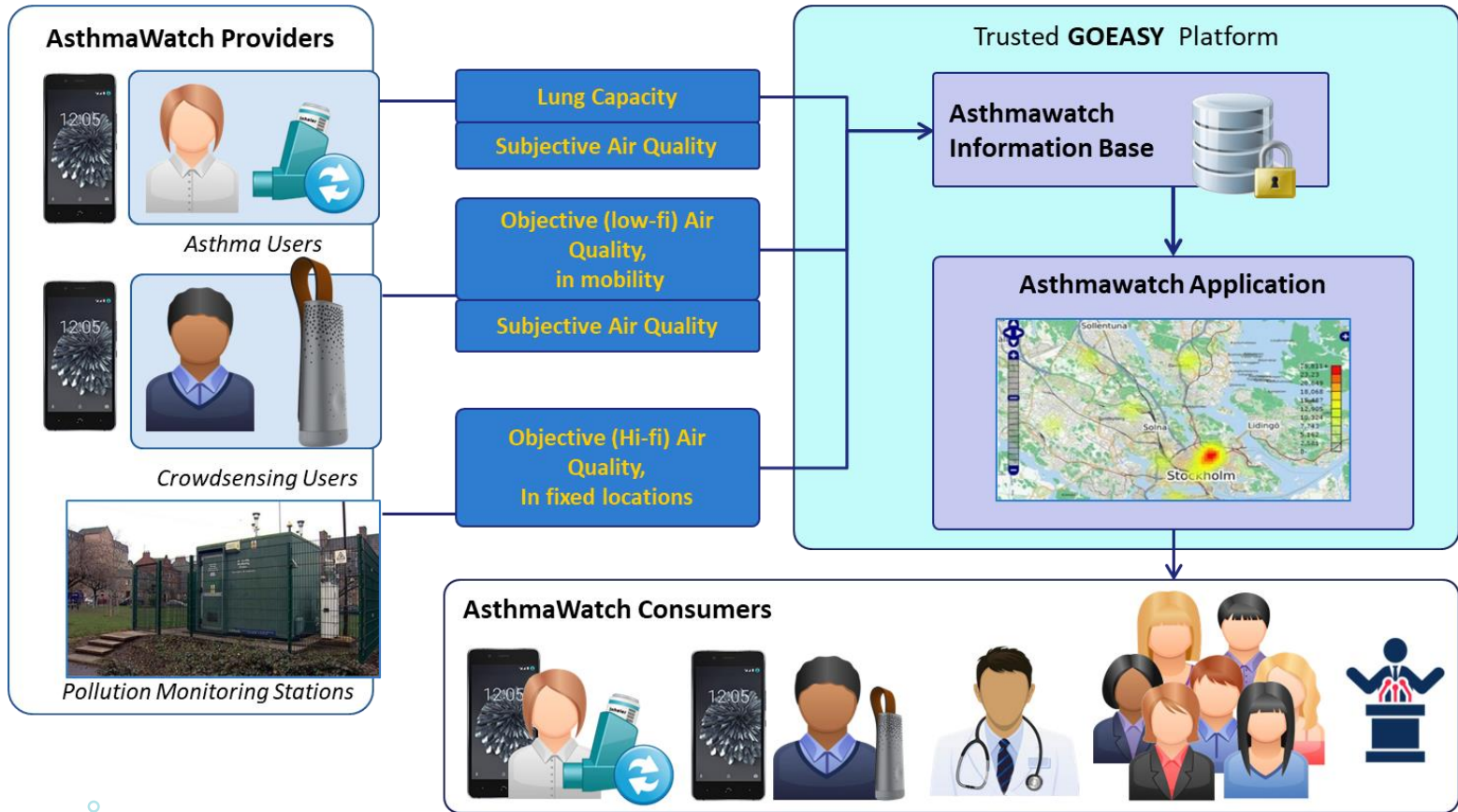
# THE APESMOBILITY PILOT

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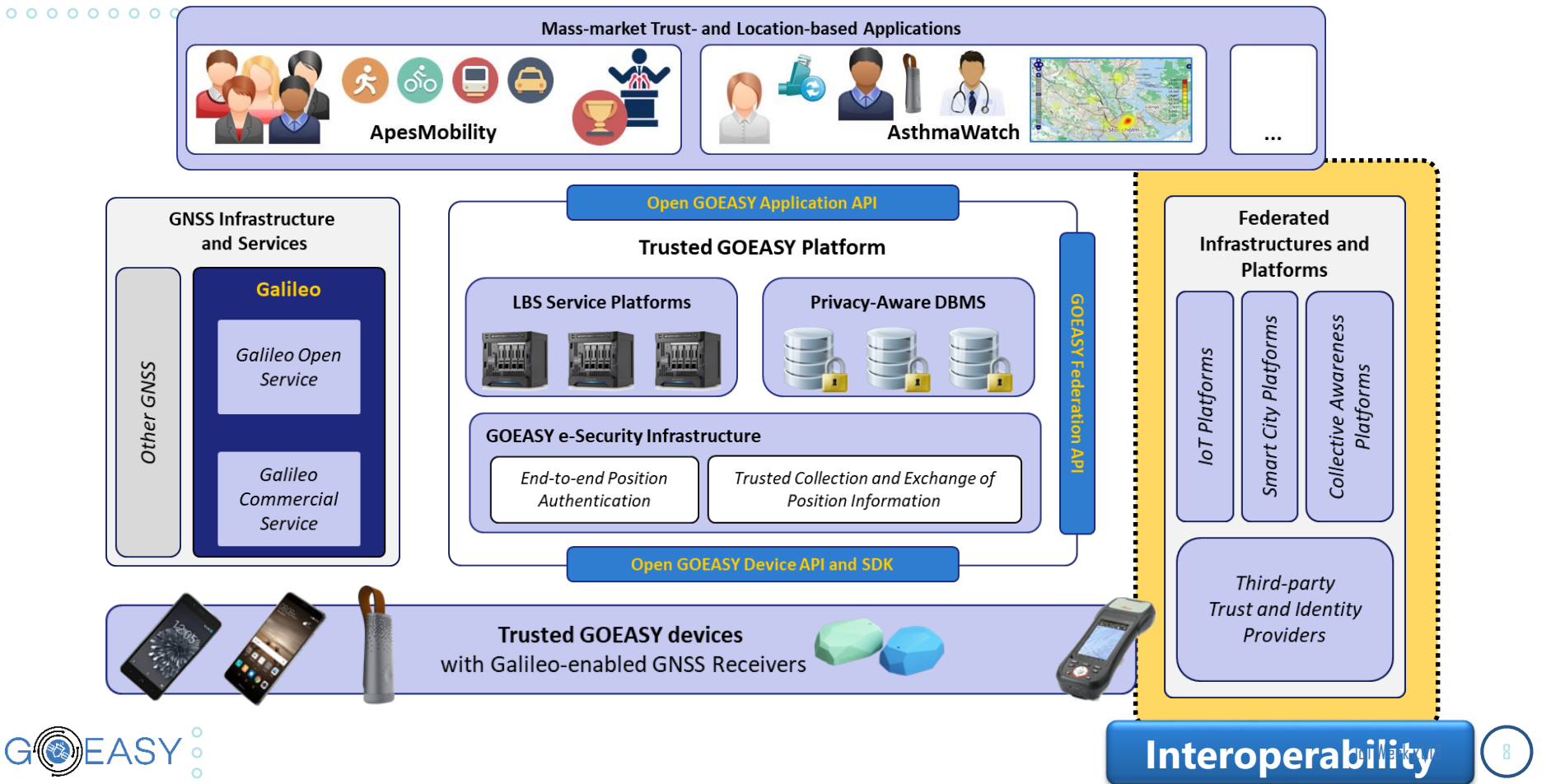


# THE ASTHMAWATCH PILOT

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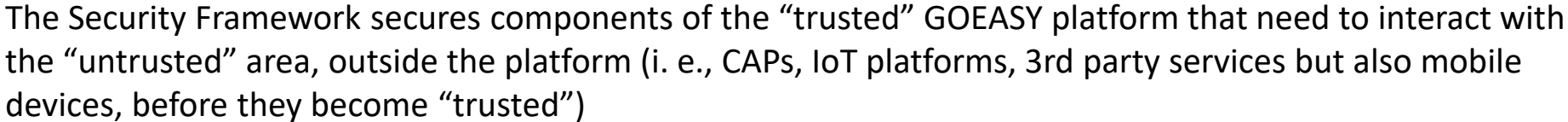


# THE GOEASY ECOSYSTEM



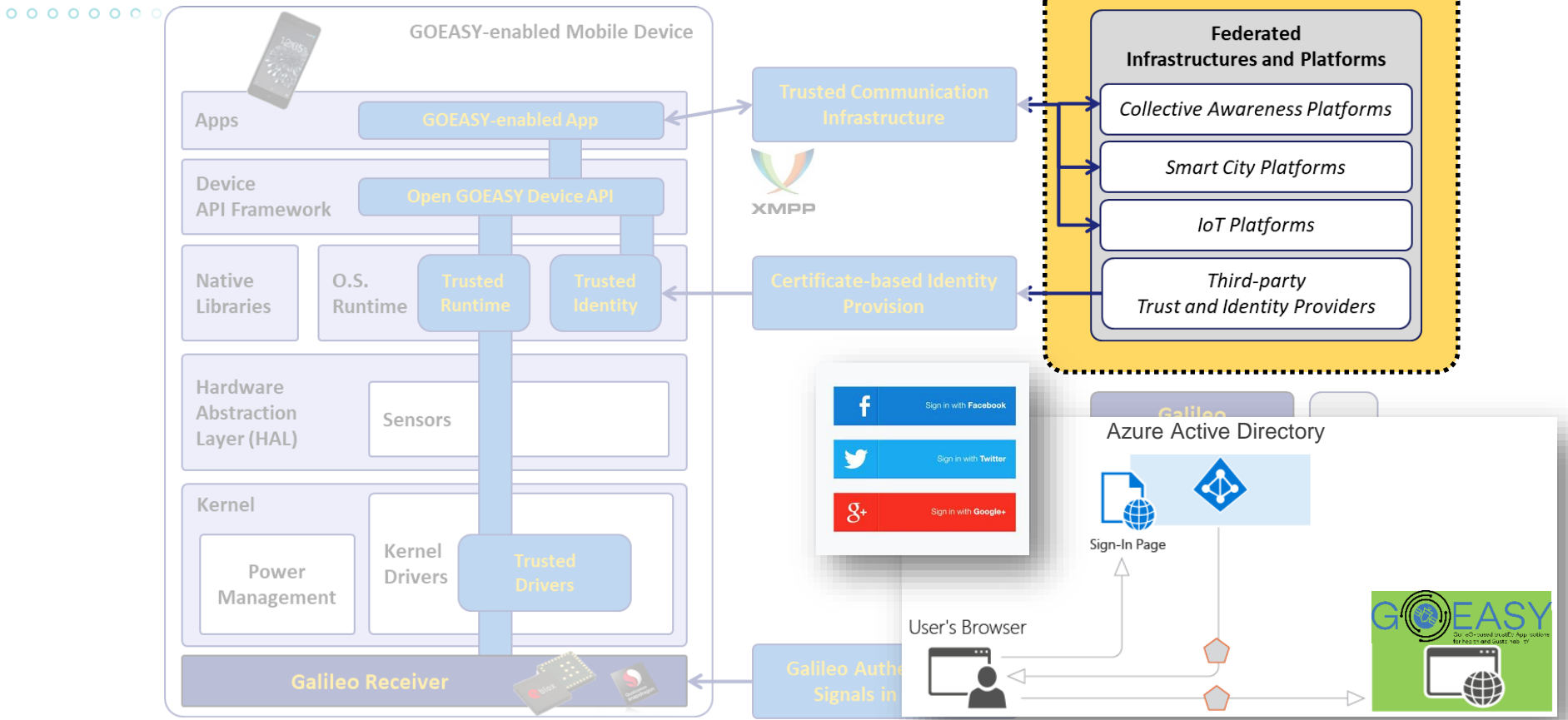


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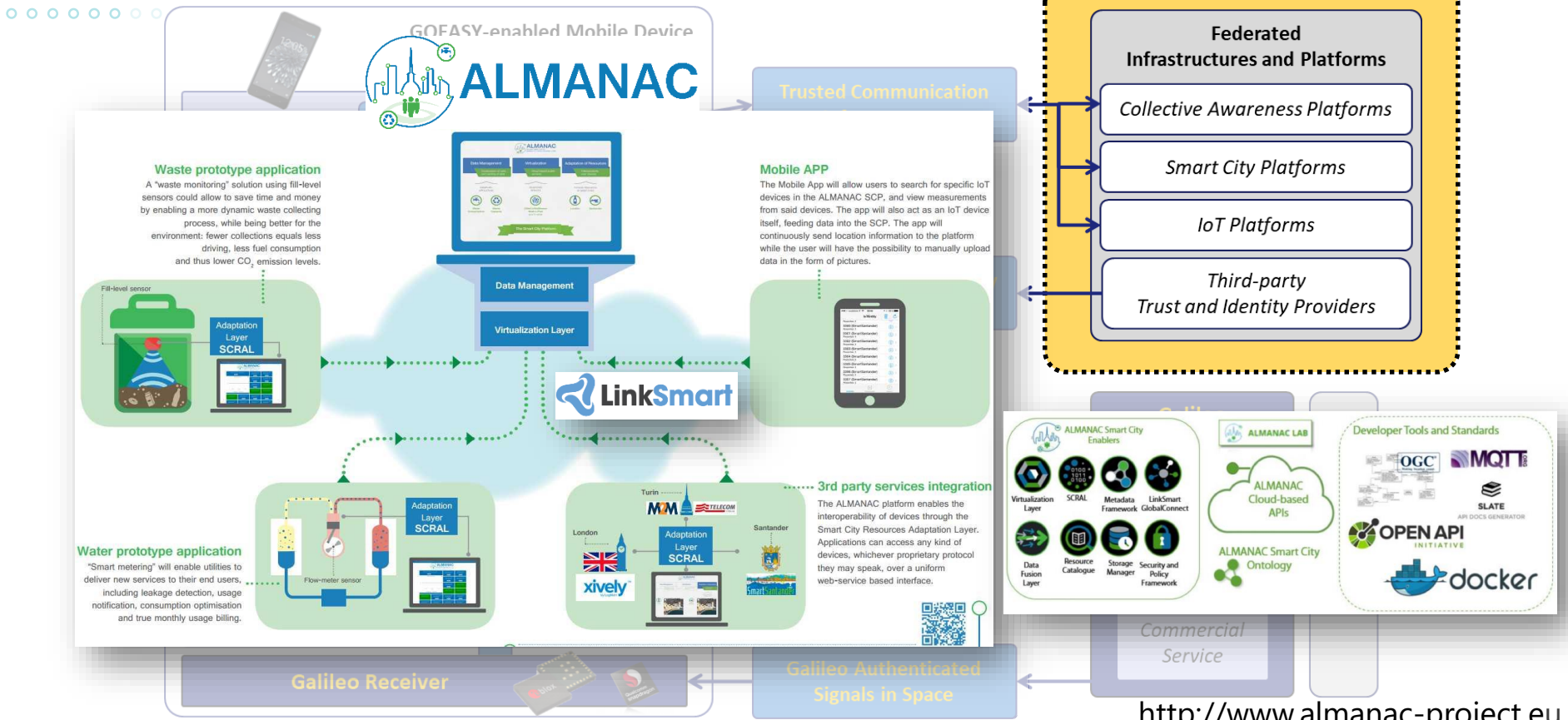


# THE GOEASY END-TO-END APPROACH

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# THE GOEASY END-TO-END APPROACH



<http://www.almanac-project.eu>

# EXTERNAL STAKEHOLDERS GROUP



- A group of external stakeholders interacts with the GOEASY consortium to be constantly updated on the technical progresses and provide suggestions depending on their expertise and their needs
- Current members:
  - PUSH
  - SATISPAY
  - REAL-T
  - K-NOW
- The ESG is open for new members: would you like to join?

THANK YOU!



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