

---

# CLIPS

Cloud approach for Innovation in Public Services

## The project and its objectives

### A general Introduction

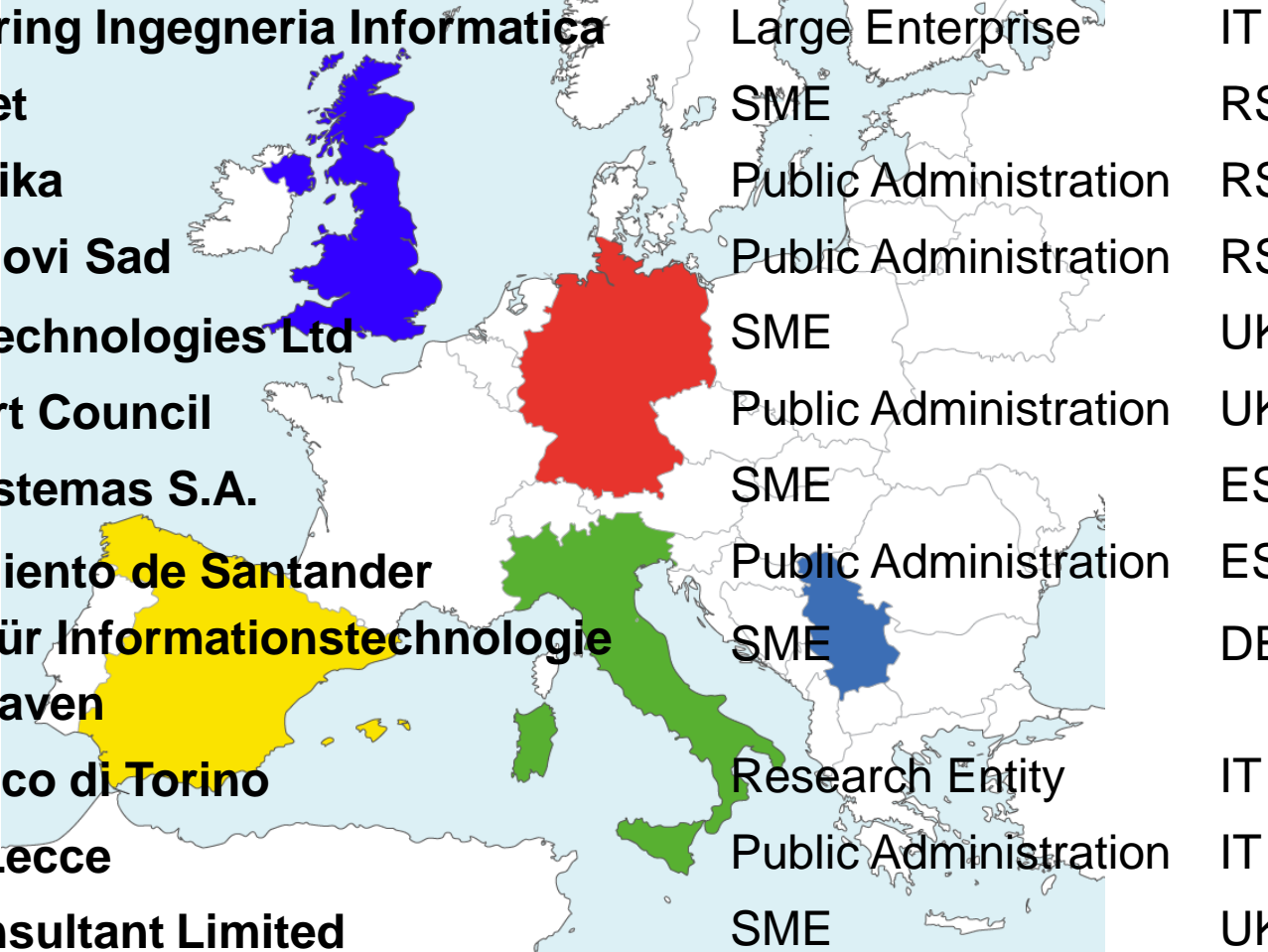
12, 13 March 2014, Bruxelles

CloudWATCH – Software and Services, Cloud Concertation Meeting



# CLIPS: General introduction

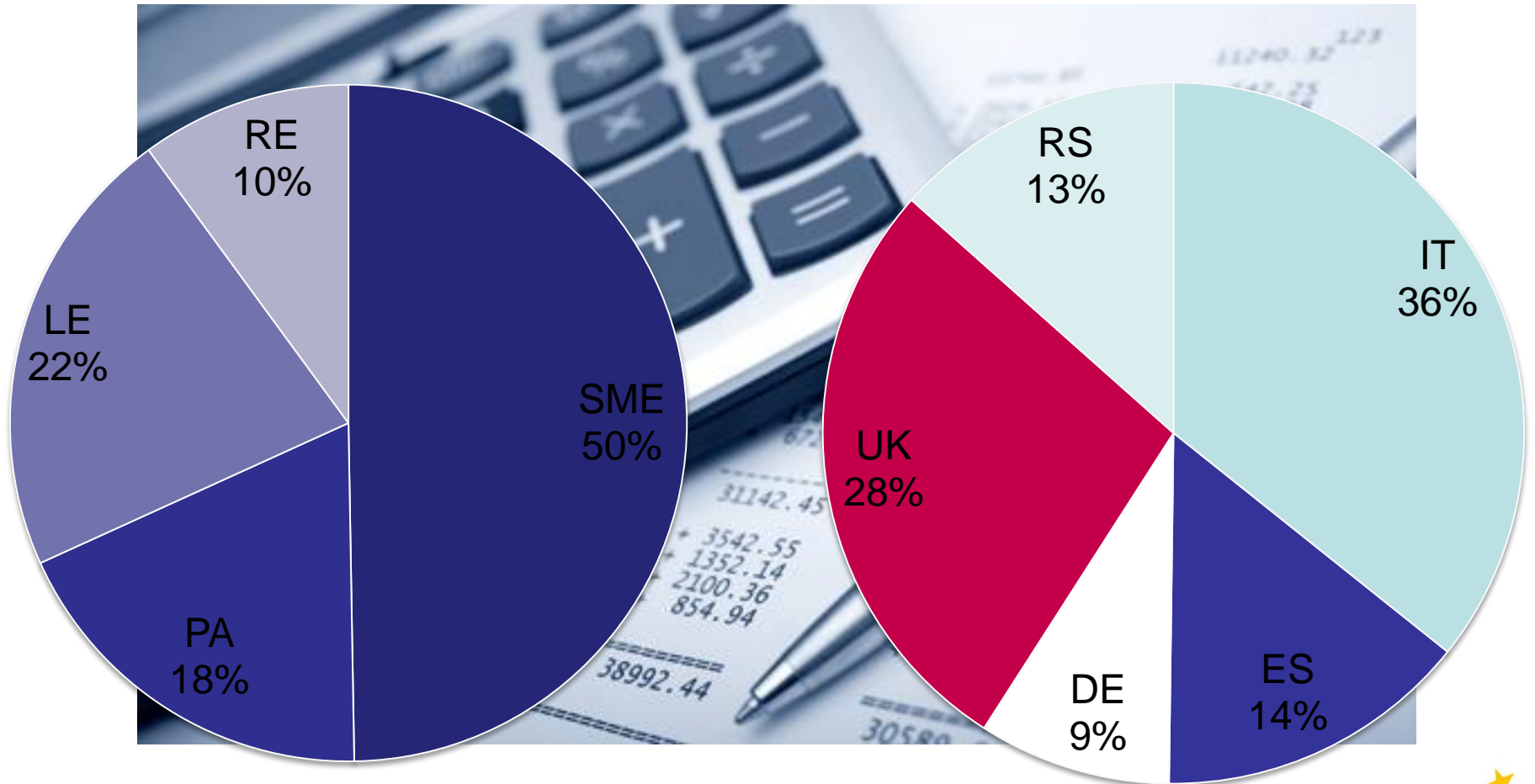
## Consortium Composition



1	<b>Engineering Ingegneria Informatica</b>	Large Enterprise	IT
2	<b>DunavNet</b>	SME	RS
3	<b>Informatika</b>	Public Administration	RS
4	<b>City of Novi Sad</b>	Public Administration	RS
5	<b>Sparta Technologies Ltd</b>	SME	UK
6	<b>Stockport Council</b>	Public Administration	UK
7	<b>TST y Sistemas S.A.</b>	SME	ES
8	<b>Ayuntamiento de Santander</b>	Public Administration	ES
9	<b>Betrieb für Informationstechnologie Bremerhaven</b>	SME	DE
10	<b>Politecnico di Torino</b>	Research Entity	IT
11	<b>Città di Lecce</b>	Public Administration	IT
12	<b>PNO Consultant Limited</b>	SME	UK

# CLIPS: General introduction

## Our Figures

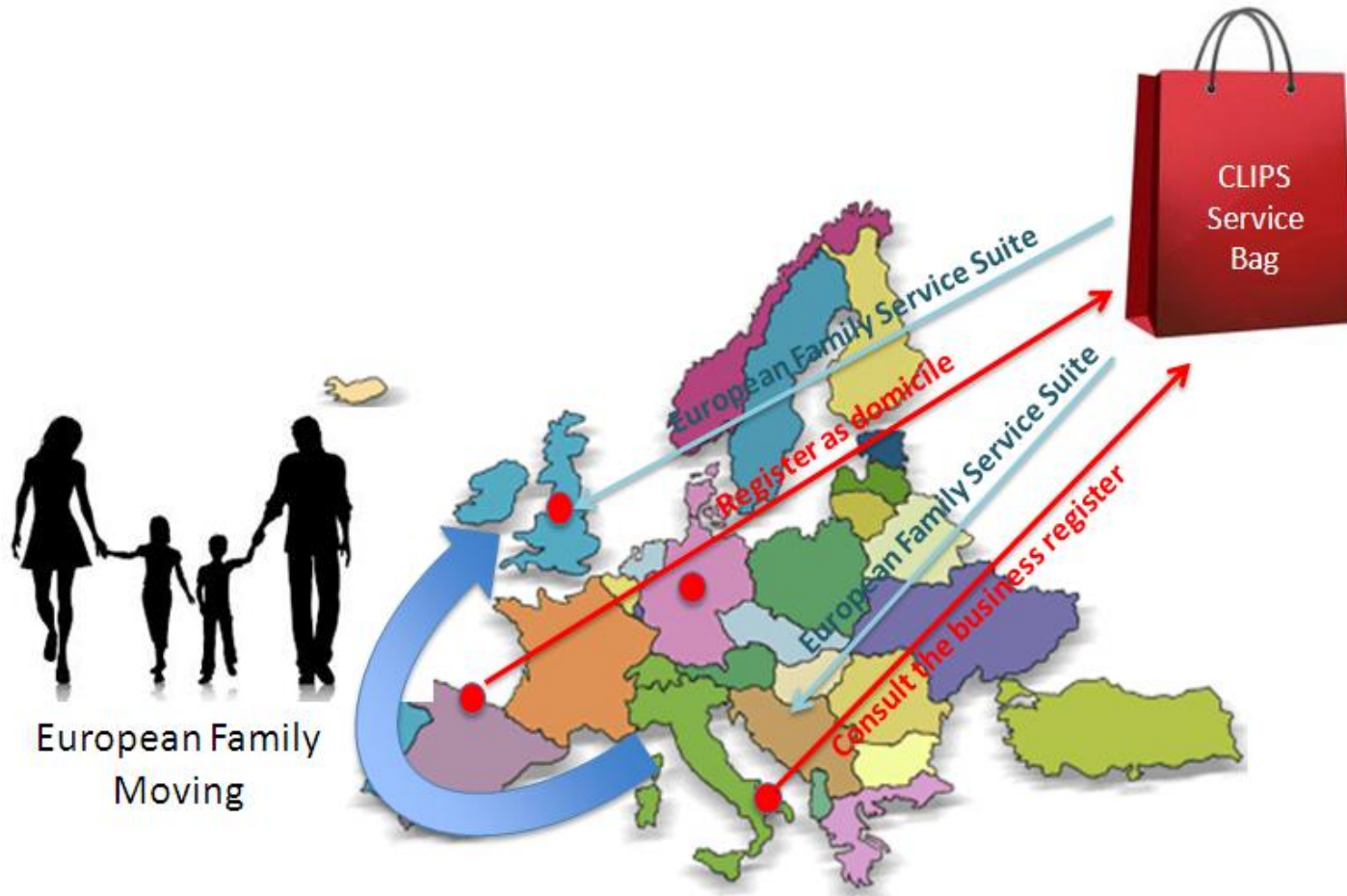


### General Objectives

- The CLIPS general objective **is to set up and to deploy** a platform on which to run the virtual environment, where to build the cloud solutions addressing the particular cases during the piloting phase of the project.
- other administrations **could benefit the results of the identified solution**, looking at the cross domains, cross processes and cross borders approach.
- The final solution will be distributed **through the specially created cloud platform** dedicated to public administrations

# CLIPS: General introduction

## Leading Theme



CLIPS intends to propose a technological solution which relies on two main concepts:

- **Only service business logic resides in the clouds**
- **Confidential data remains on P.A. Site**

**Access to confidential data** will be granted through ad hoc software components, in CLIPS called Micro-Proxies, based on STORK.

Use of Micro-Proxies allow data **to be held by the responsible Public Administration** and to be available only after a strong authentication process

Public services **deployed in CLIPS Platform will composed through mash-up** approach using a Virtual Mash-Up Editor.

Service composition (mash-up) will be **enabled through the use of Micro-Services:**

- are usually intended as small, well-defined procedures/functions that perform a certain specific elementary task.
- they are certified components already deployed into the cloud.

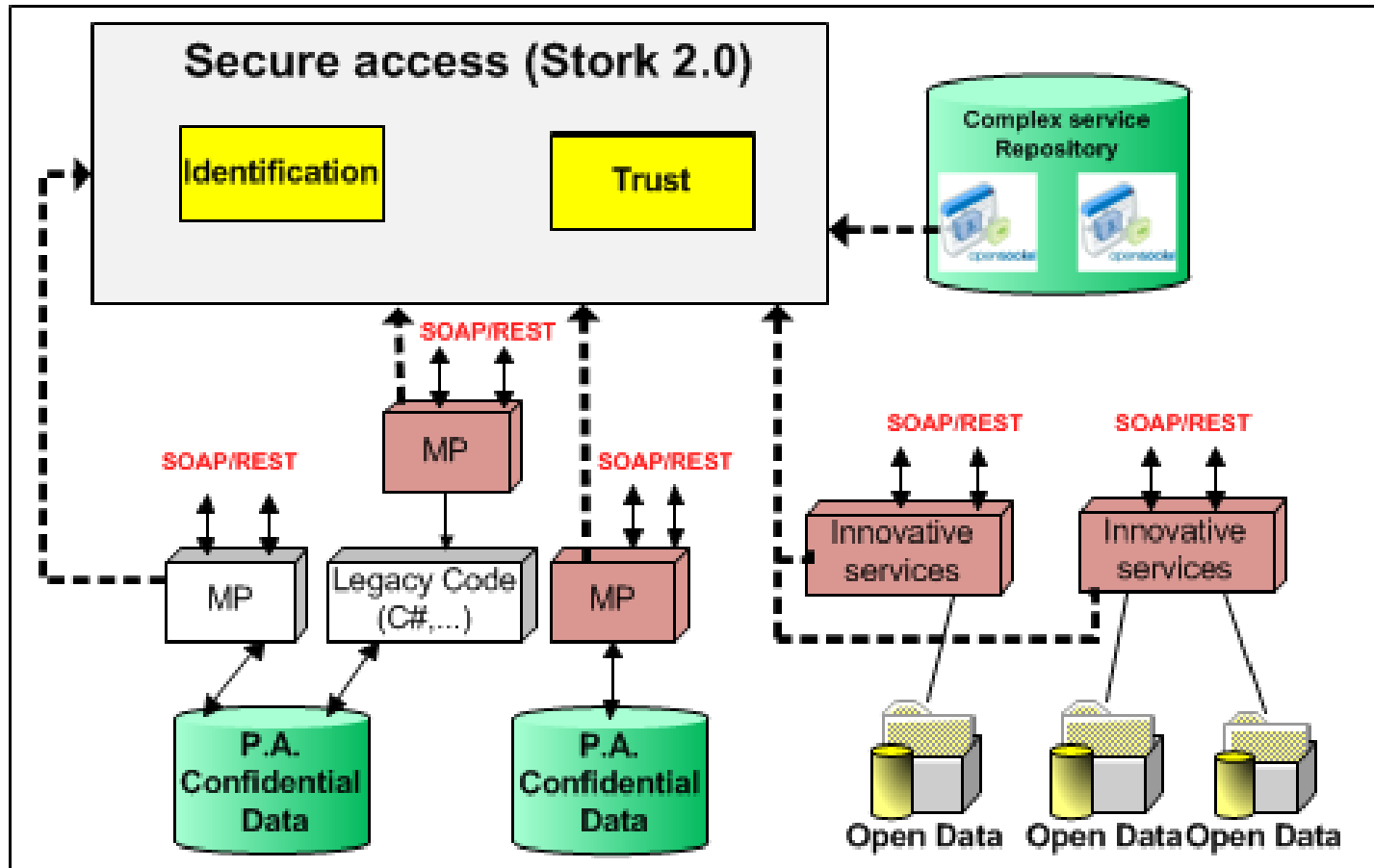


### Components – Innovative Services

- All the **new developed public services and components** will reside in the cloud, and will be accessible through a repository, **to allow reuse from other** public administration and SMEs
- Newly created services need **to pass a suitable accreditation process** in order to assure the right degree of compliance with policies and guidelines of the different Public Administration; before publishing the new created e-services, an assessment in terms of service code inspection will be performed by gov.t personnel responsible of e-government services management.

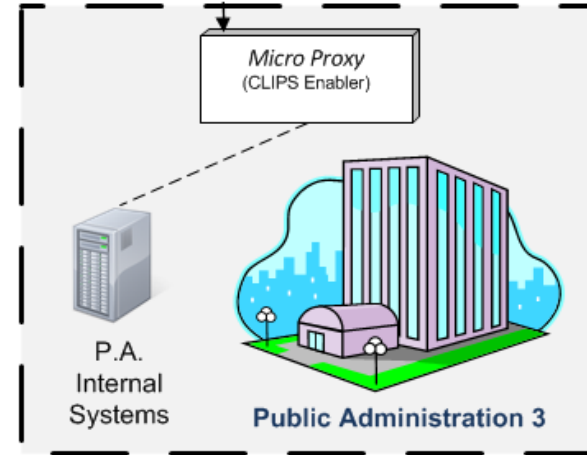
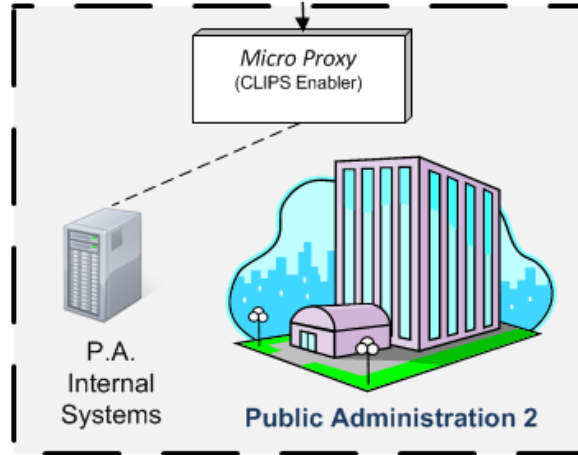
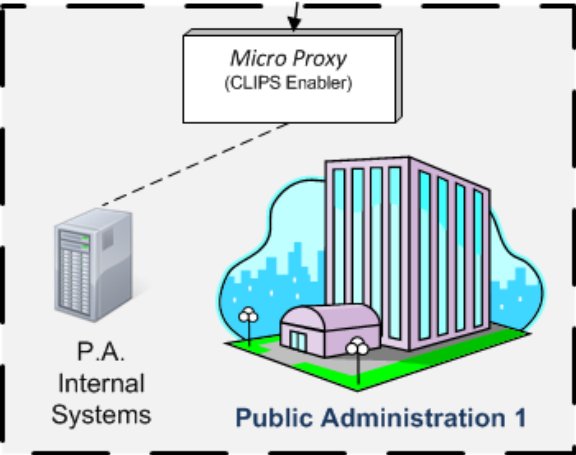
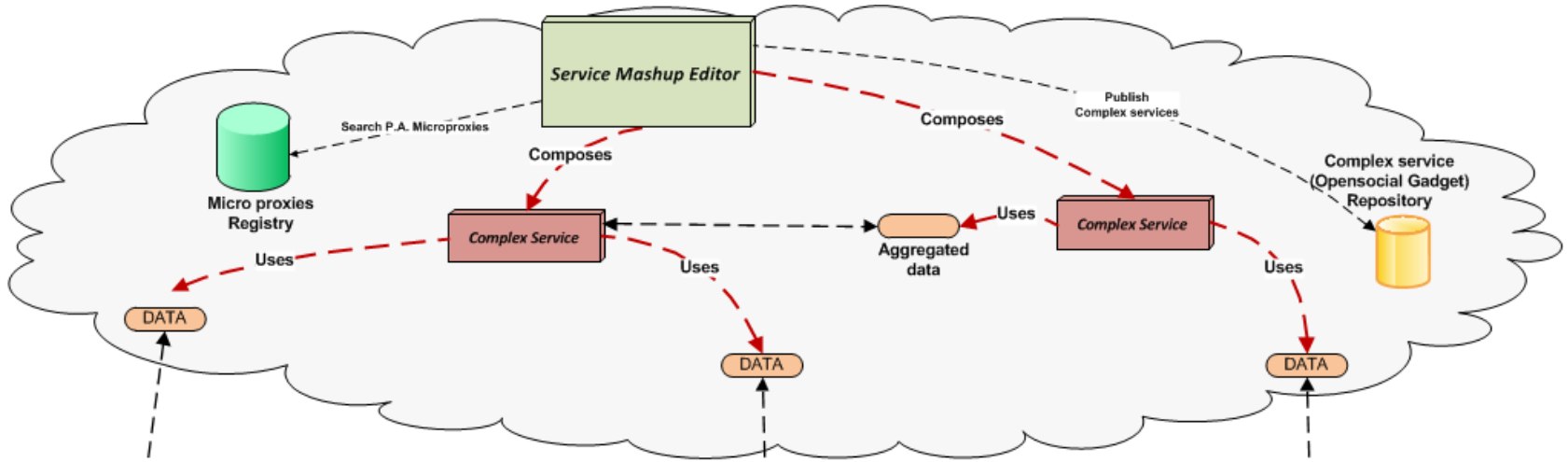
# CLIPS: General introduction

## Components in action (1/2)



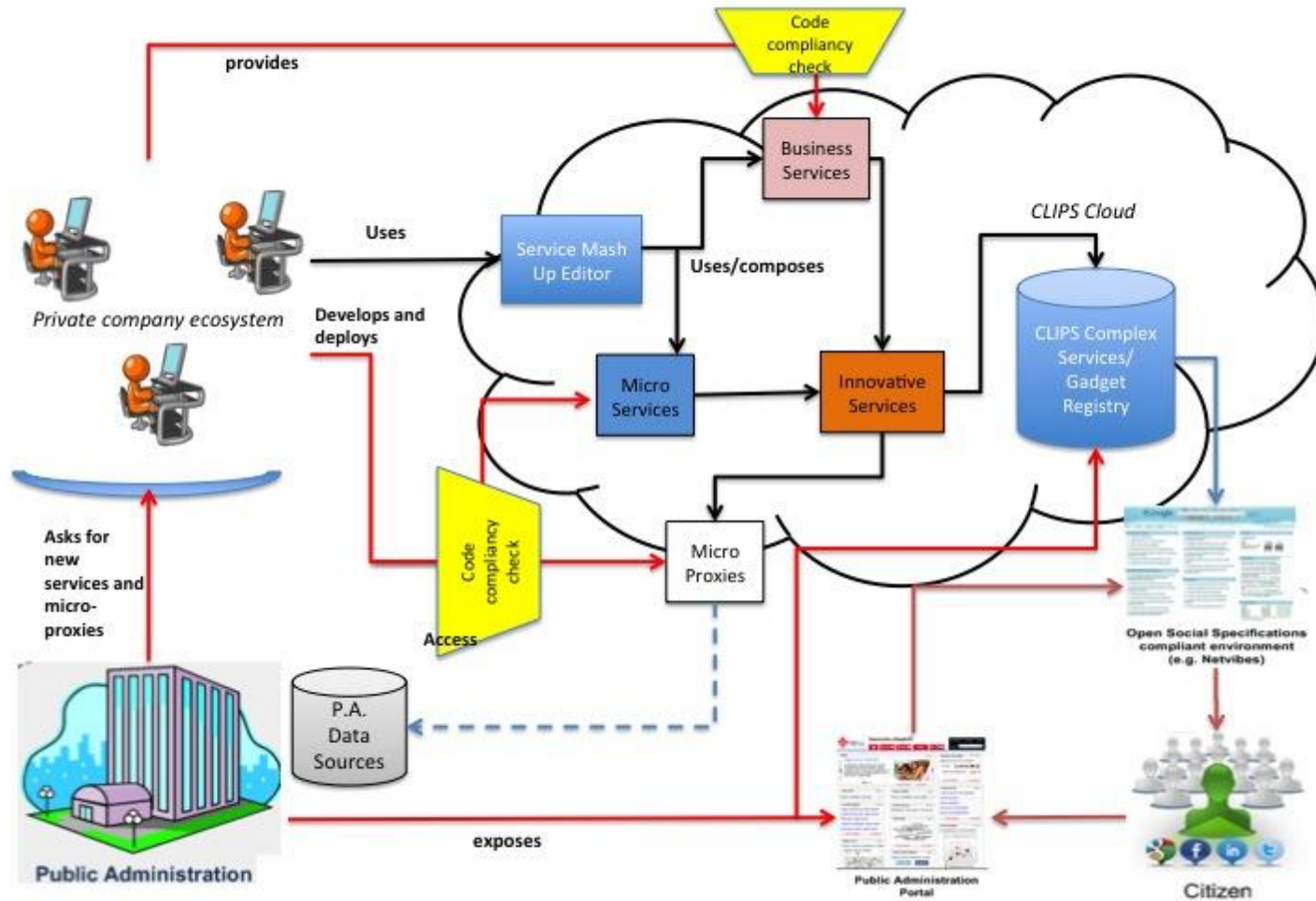
# CLIPS: General introduction

## Components in action (2/2)



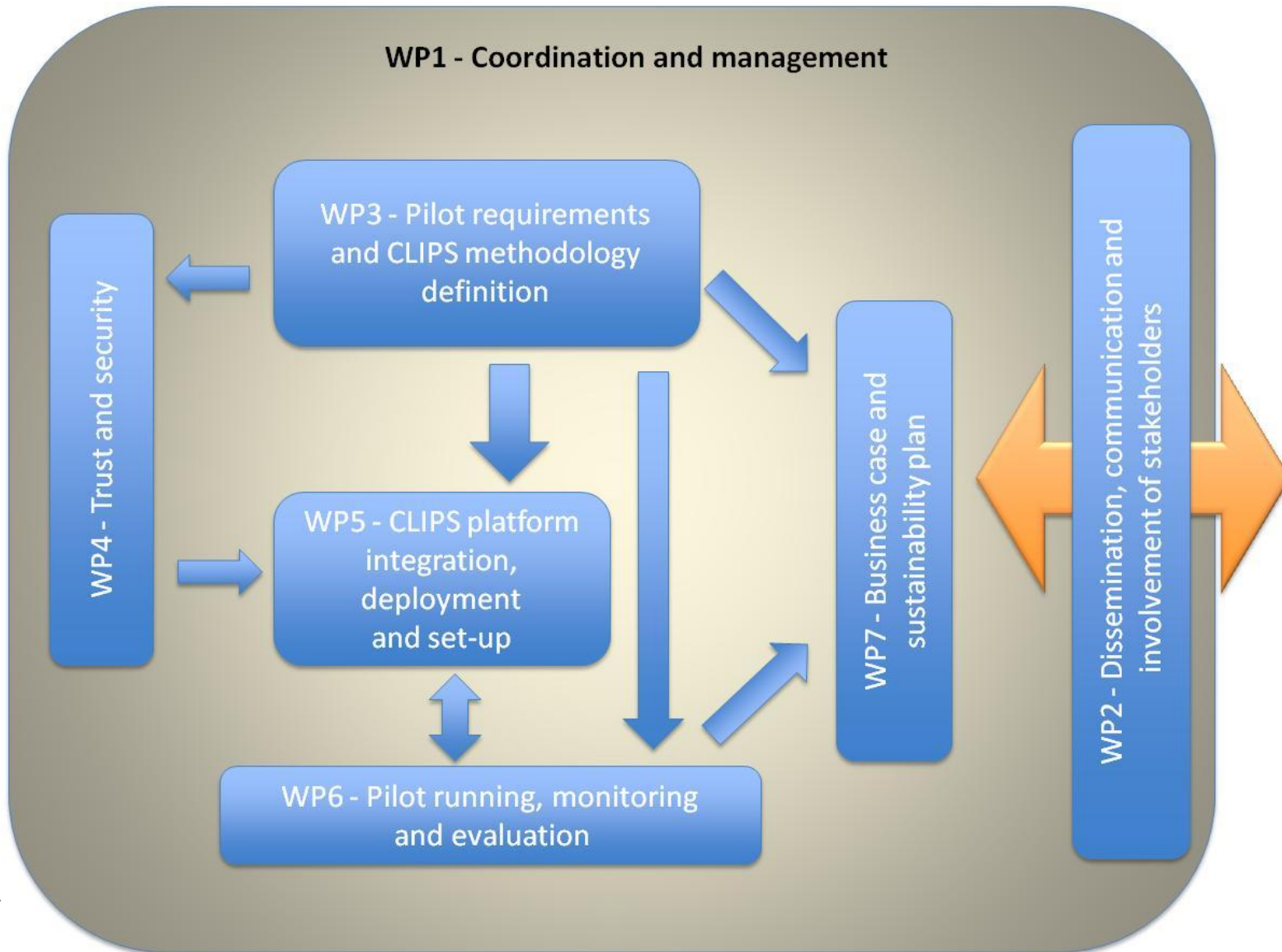
# CLIPS: General introduction

## Service Ecosystem



# CLIPS: General introduction

## The implementation



# CLIPS: General introduction

## Pilot Sites



Thank you for your time.



### Speaker

Davide Storelli  
Engineering Ingegneria Informatica SPA

mail: [davide.storelli@eng.it](mailto:davide.storelli@eng.it)  
www.eng.it



### Coordinator

Lanfranco Marasso, PhD  
R&D Knowledge Transfer Director  
Engineering Ingegneria Informatica SPA

mail: [lanfranco.marasso@eng.it](mailto:lanfranco.marasso@eng.it)  
mobile: +39 348 7145705  
www.eng.it