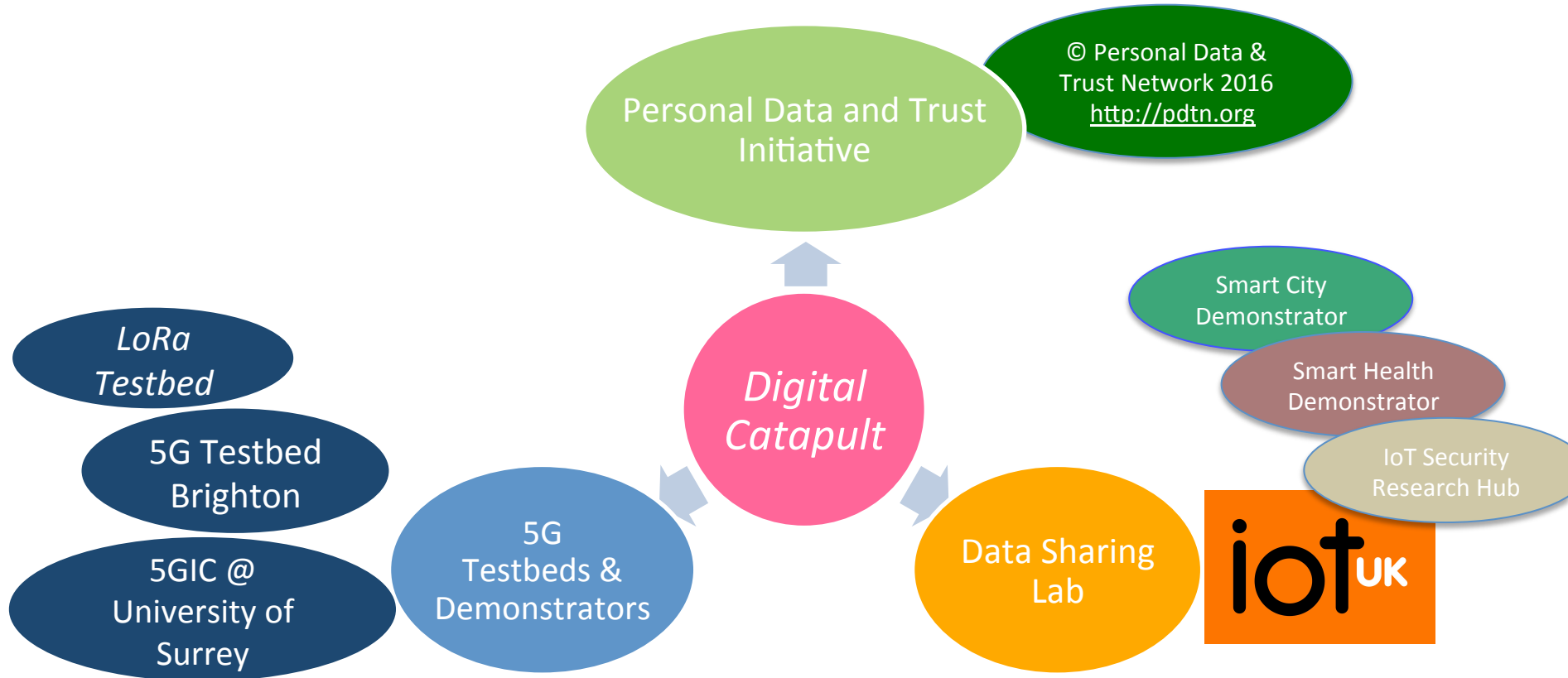


Digital Catapult in 5GPPP Phase 2

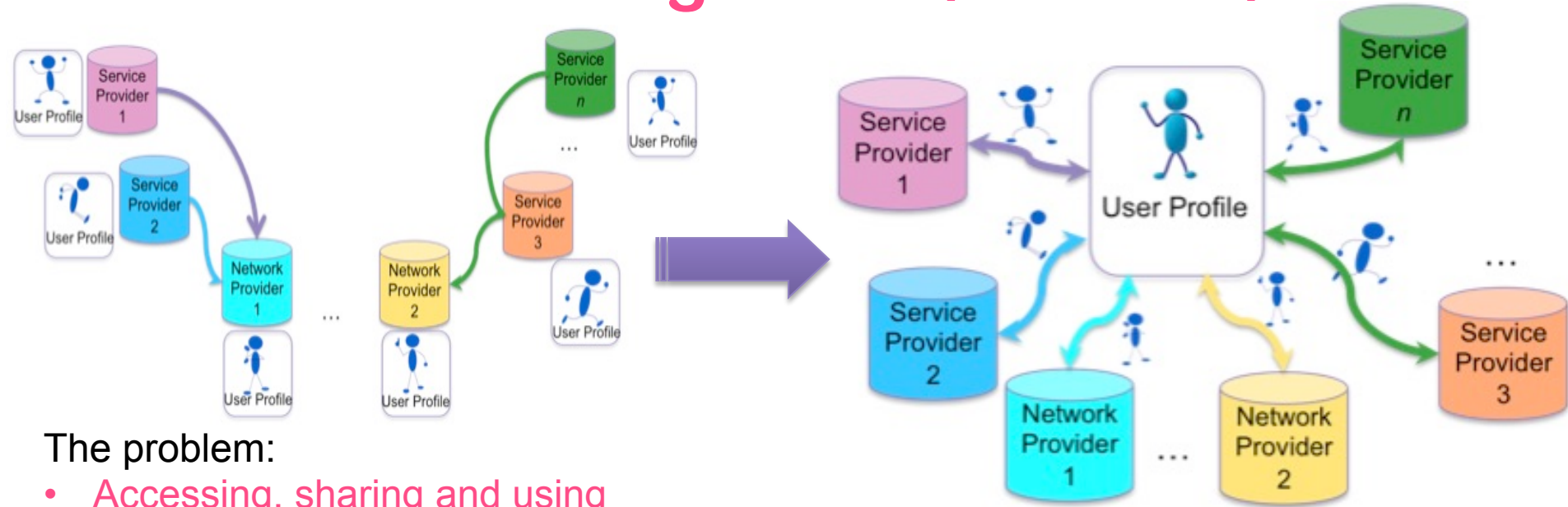
1

- We offer both open innovation engagement and technical contribution in 5GPPP Phase 2.
- Aiming for engagement that uses our **access to real functional 5G testbeds in the UK.**
- Managing the **national coordination programme for IoT** in the UK (IoTUK)
- We have an excellent track record in **engaging with digital economy SMEs** in the UK (in 2015 alone we engaged with >2,000 SMEs, had 18,000 visitors to our centre, hosted >250 events)
- Running **open innovation and cascade funding** for several large key H2020 projects (F-Interop, Unify-IoT, EuroCPS, ...)

Current ongoing activities and facilities



User Profile Management (5G-GUP)



The problem:

- Accessing, sharing and using user-profile data across multiple 5G stakeholders, both network-network or network-vertical/OTT

The research opportunity:

- Define an integrated User Profile management framework for the 5G ecosystem for both the network and multi-vertical services

Digital Catapult: Focus TAs 5GPPP Phase 2

- **TA1** : 5G Wireless System Design (*service-specific C- and U-plances, support for services with not yet known requirements; verticals integration and OTT providers*)
- **TA5**: Novel Radio System Architecture (*Implementation of the baseline architecture and evaluation in a large-scale test-bed; e2e Mobile Network Architecture for the 5G era*)
- **TA7**: 5G for Future MTC Solutions (*network concepts for cellular, cellular-assisted and non-coverage IoT scenarios; vertical requirements, Validation/demo with integrated testbed solutions*)
- **TA13**: Security, Privacy, Resilience and High Availability (*user profile management for vertical integration*)
- **TA14**: Multi-tenant and Multi-Domain P&P Control Plane (*validation of use cases for multi-tenancy demonstrators*)