



EIP-SCC

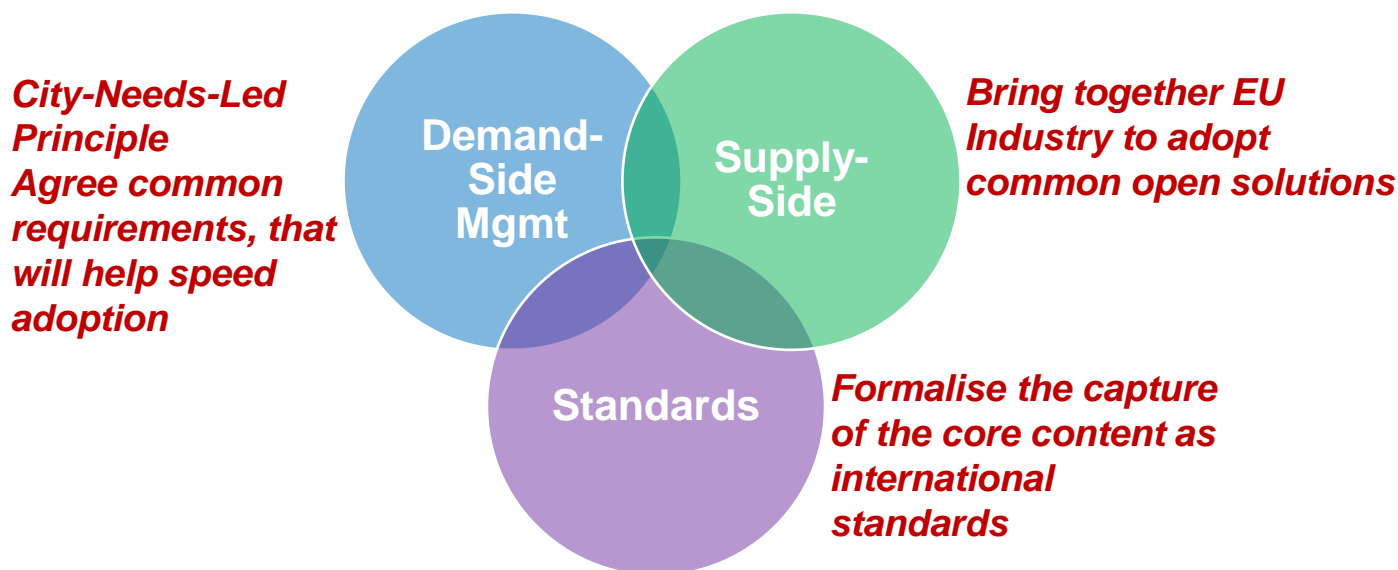
European Innovation Partnership
on Smart Cities and Communities

Integrated Infrastructures &
Processes Action Cluster

Urban Platform

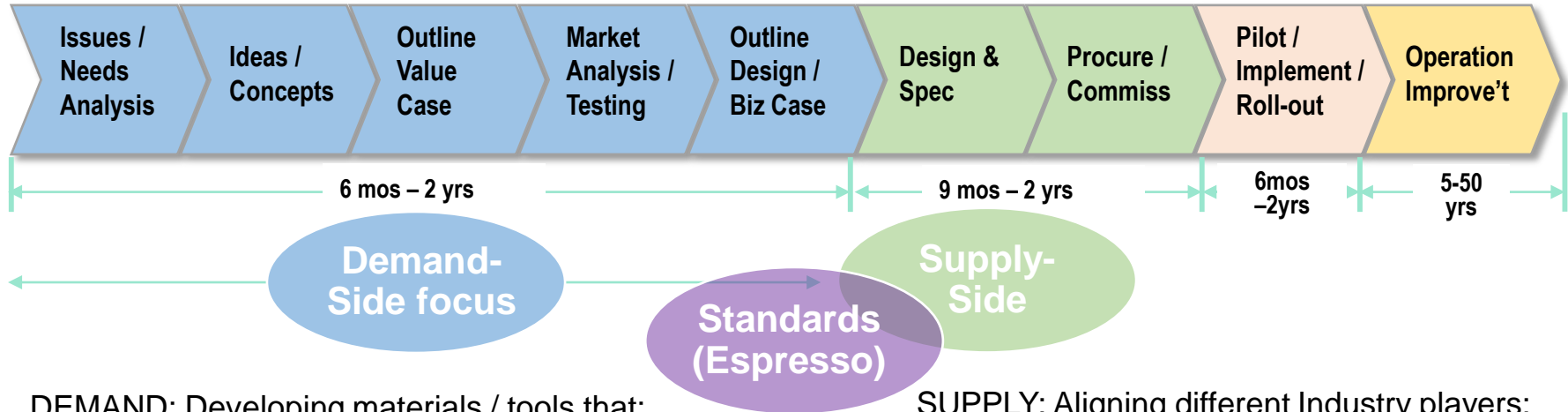
Graham Colclough
29th June 2017, Brussels, Standards Workshop

Urban Platform Initiative: Set-Up & Goals



- By **2016** have **reference templates** for tenders in place to allow cities to plan in an integrated way
- By **2018**, create a **strong EU city market** for Urban Platforms
- By **2025**, ensure that **300m residents of EU cities** are supported by Urban Platform(s) to manage their business with a city and that the city in turn drives efficiencies, insight and local innovation through the platform(s)

Focus of attention of Urban Platform activities



DEMAND: Developing materials / tools that:

- Build awareness of the value of standards
- Inform city leaders
- Align across services / functions
- Accelerate pre-procurement actions
- Clearly define needs
- Increase confidence for decision makers
- Support collaboration across public actors (city-city-region collaboration / aggregation)
- Build capacity
- Help shape the market to benefit *both* sides
- Make solutions affordable / improve value

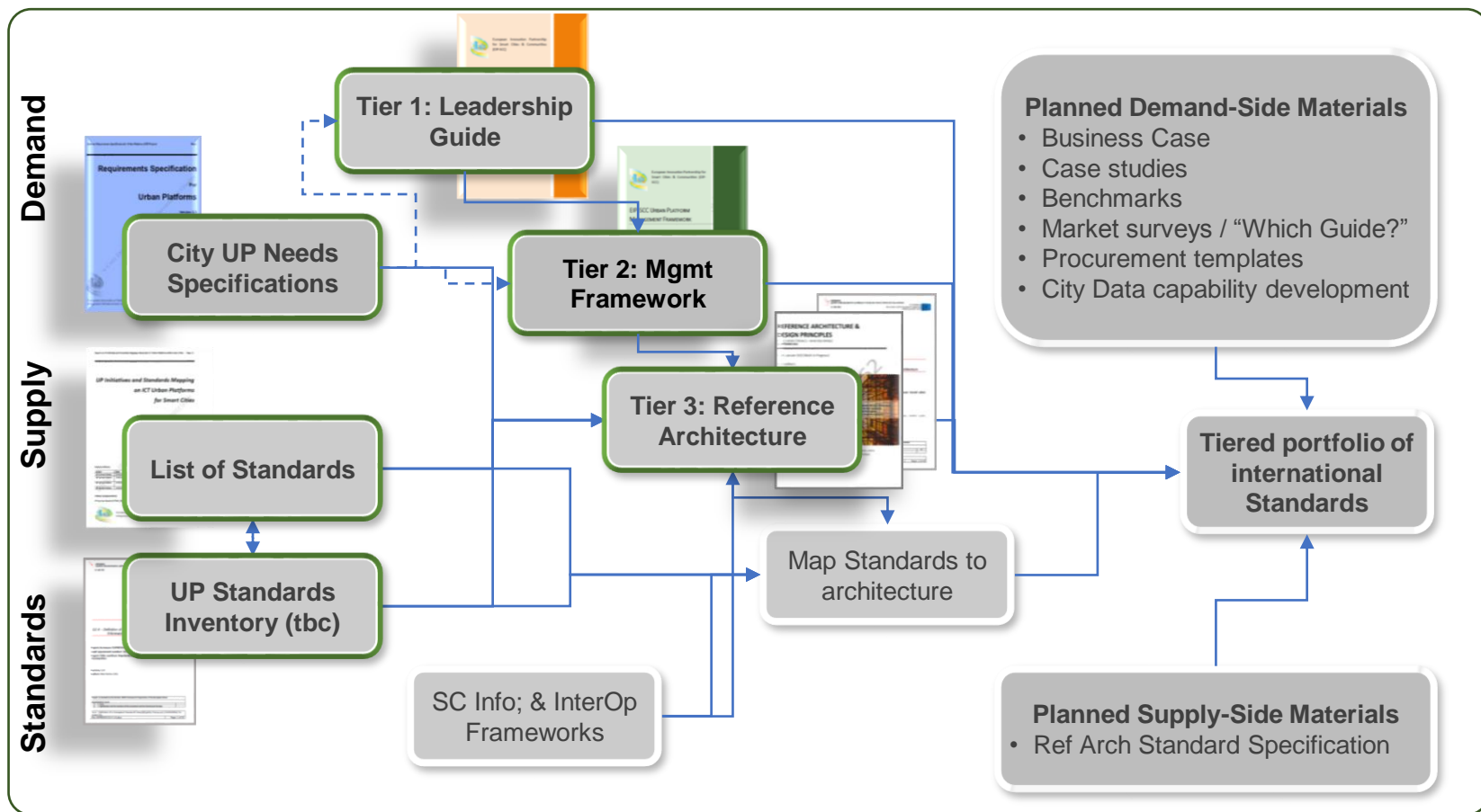
SUPPLY: Aligning different Industry players:

- Collaboration
- Agreed technical specifications
- Best value for market
- Case examples to accelerate

ESPRESSO: Develop / execute a strategy :

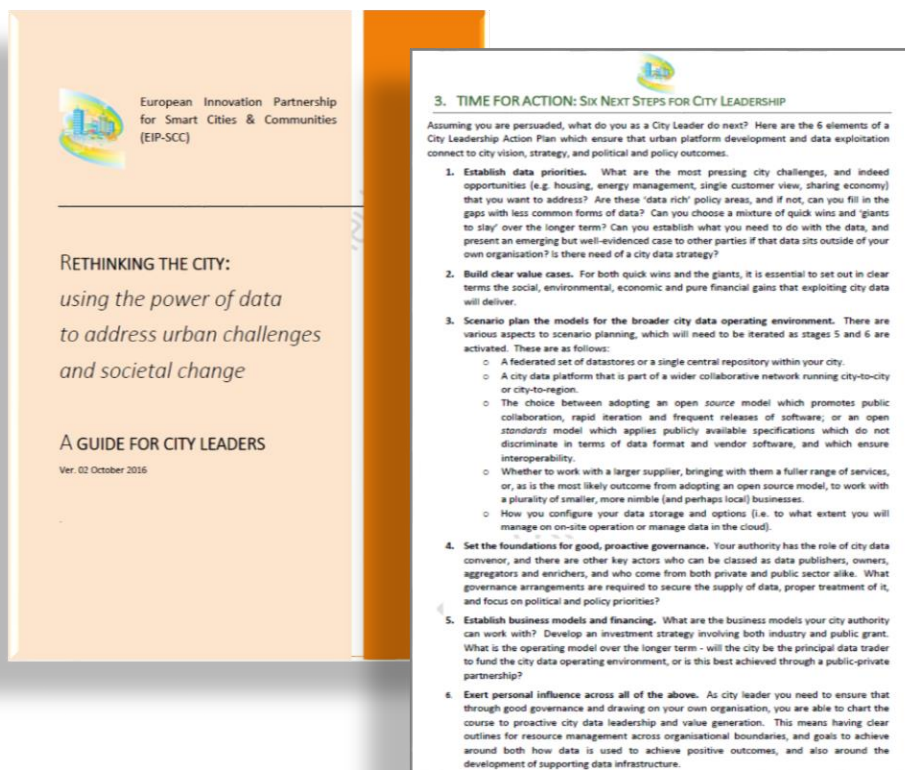
- Map standards landscape
- Collaboration amongst standards stakeholders
- Key Technical Specification development
- Overall standards portfolio for UP and actions to sustain

UP: where in the roadmap...



Leadership Guide

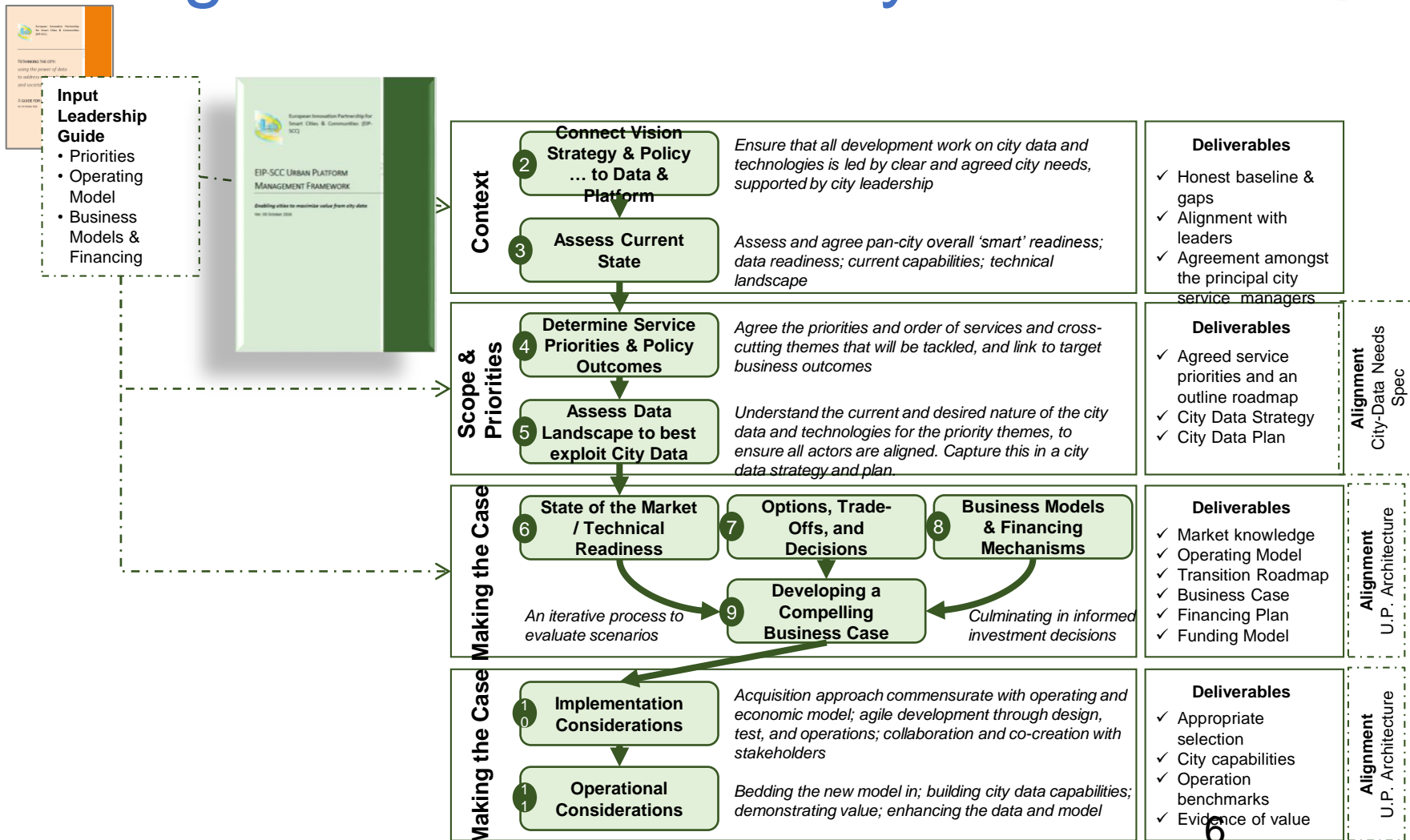
A short crisp advisory / key action guide for political and professional city leaders



Six Next Steps for City Leadership

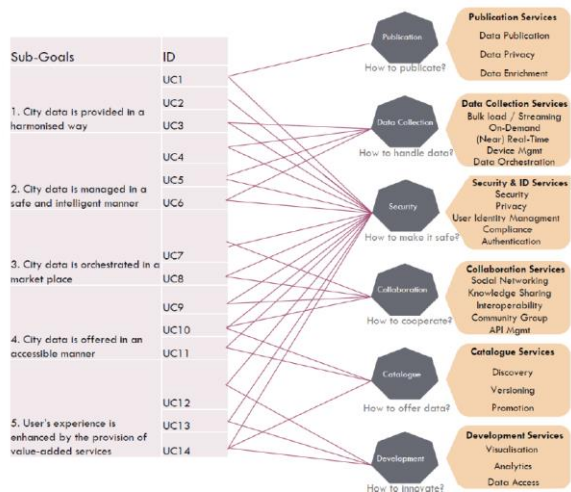
- 1. Establish data priorities**
- 2. Build clear value cases**
- 3. Scenario plan the models for the broader city data operating environment**
- 4. Set the foundations for good, proactive governance**
- 5. Establish business models and financing**
- 6. Exert personal influence across all of the above**

Mgmt Framework – city toolkit



Standards Mapping

Consistent with City-Needs Spec; an inventory of standards initiatives



SDO Activities evaluated

1. IEC
2. ISO
3. ISO/IEC-JTC1
4. IEEE
5. ITU-T
6. OneM2M
7. Open Geospatial Consortium
8. CEN/CENELEC/ETSI

Regional / NSOs

1. AENOR
2. DKE/DIN
3. OASC
4. World Smart City community

Application Layer	
Standard	Description
ISO/IEC 9545:1994	Refines the description of the application layer contained in the basic reference model for OSI (ITU-T Rec. X.200 / ISO/IEC 7498-1). Provides a framework for coordinating the development of existing and future application layer recommendations and standards. Is provided for reference by application layer recommendations and standards. The purpose is to facilitate a coherent and modular approach to the structuring of specifications for application layer behavior.
ISO/IEC 13249	Information technology - Database languages - SQL multimedia and application packages
ISO/IEC 27034	ISO/IEC 27034 offers guidance on information security to those specifying, designing and programming or procuring, implementing and using application systems, in other words business and IT managers, developers and auditors, and ultimately the end-users of ICT. The aim is to ensure that computer applications deliver the desired or necessary level of security in support of the organization's Information Security Management System, adequately addressing many ICT security risks.
ISO/IEC 30128:2014	ISO/IEC 30128:2014 specifies the interfaces between the application layers of service providers and sensor network gateways, which is Protocol A in interface 3, defined in ISO/IEC 29182-5. This International Standard covers <ul style="list-style-type: none"> • description of generic sensor network applications' operational requirements, • description of sensor network capabilities, and • mandatory and optional interfaces between the application layers of service providers and sensor network gateways

Mapping Activities

1. Reference Architecture Urban Platform
2. Technical Infrastructure
3. Data Management
4. Data Access (API Connector to get access to Data)
5. Smart Data (Enriched Data)
6. Smart Services
7. Security and Privacy



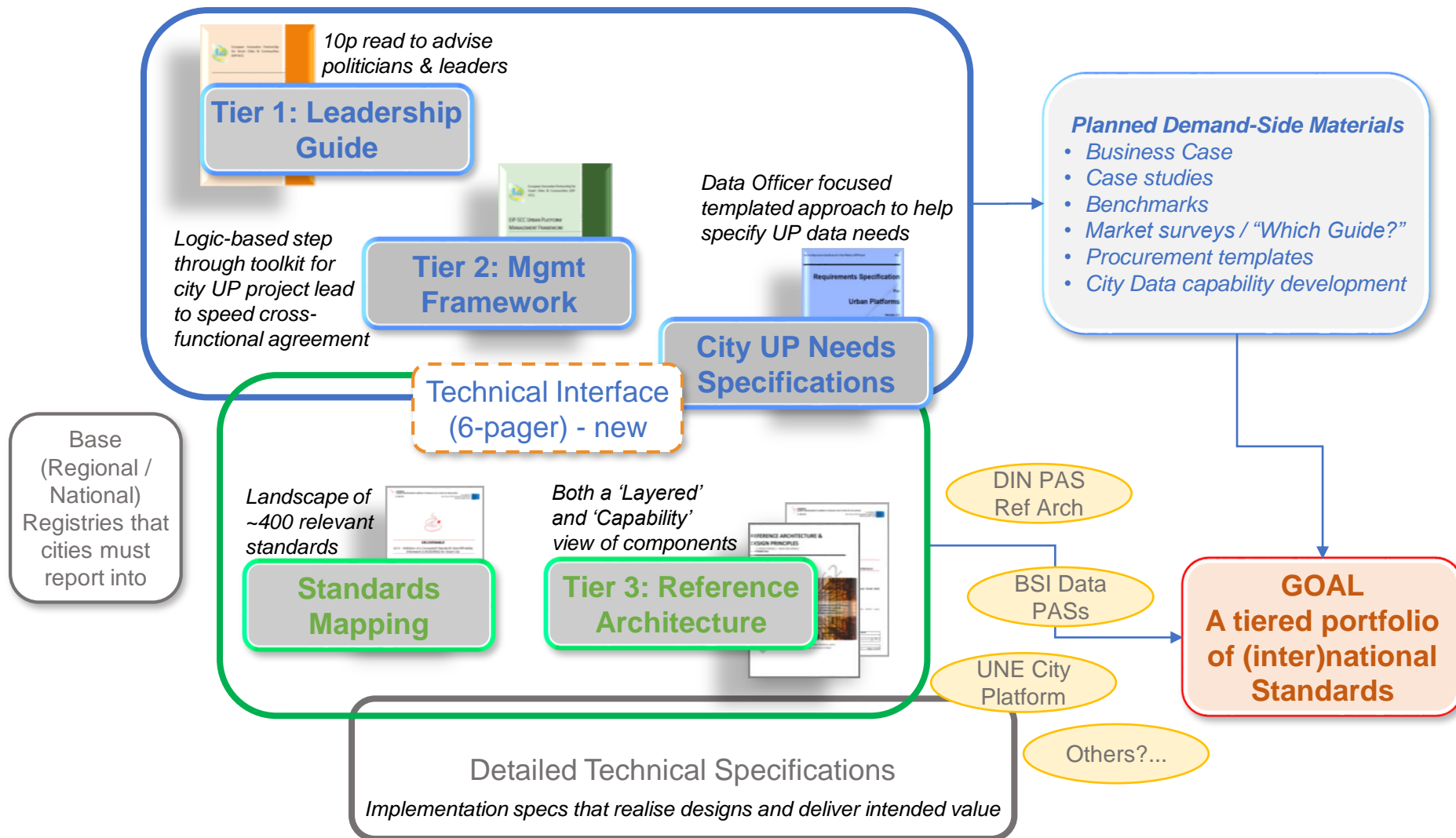
UP AC Agreed Forward Plans

These actions result from the 20th June EIP Urban Platform workshop. They do not as yet include the outcome of the 29th June Standards workshop

Urban Platform Roadmap

1. Re-mobilise UP Gov'ce Group to strengthen cross-sector alignment
2. Test **Ldrshp Guide** in cities with politicians
3. Run **Mgmt F'work** workshops to ready cities (exploiting networks like DE SC Forum; E'cities; etc)
4. Improve **MF** – adding also 'operation and governance guide'
5. Improve **Ref Arch** and align with planned DIN PAS
6. **Manage end June BXL Standards Workshop**
7. Mobilise across SCC01s, and collect examples of success stories, and UP justifications
8. Cost, benefits, value case development
9. Develop further templates / tools
10. Apply for financial assistance under INTERREG Europe for capability creation
11. **Ready EC / Initiative for ISO Nov conference**
11. Ongoing comms
13. Pavilion Event needed?

Portfolio of existing / desired documents



Urban Platforms



...learning to herd cats