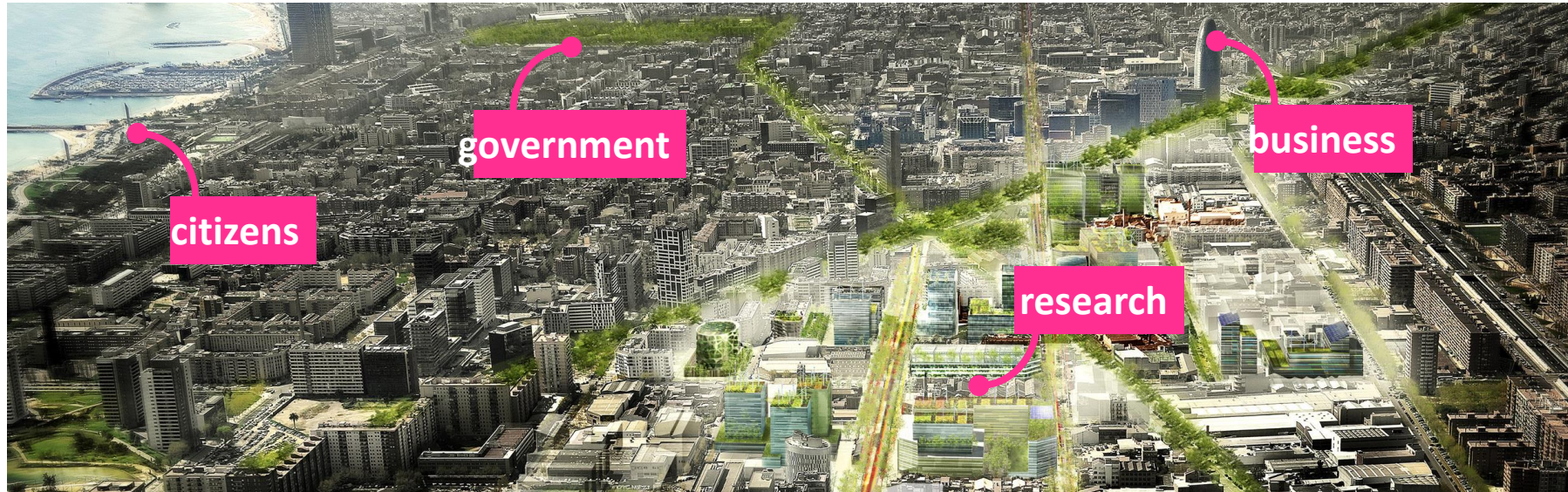


# Challenges for Smart City Marketplaces

Perspectives from the ground



# Quadruple helix



Smart  
ENERGY

Smart  
environment

Smart  
government

Smart  
HEALTH

Smart  
mobility

Smart  
people





# Current MIMs

© Formally adopted by global community of 120+ cities in 25+ countries

MIM	MIM Name	Interoperability Point	Description
1	OASC <b>Context Information Management</b> MIM	Context Information Management API	This API allows to access to real-time context information from different cities.
2	OASC <b>Data Models</b> MIM	Shared Data Models	Guidelines and catalogue of common data models in different verticals to enable interoperability for applications and systems among different cities.
3	OASC <b>Ecosystem Transactions Management</b> MIM	Marketplace API	The Marketplace API exposes functionalities such as catalogue management, ordering management, revenue management, Service Level Agreements (SLA), license management, etc. Complemented by marketplaces for hardware and services.

SYNCHRONICITY



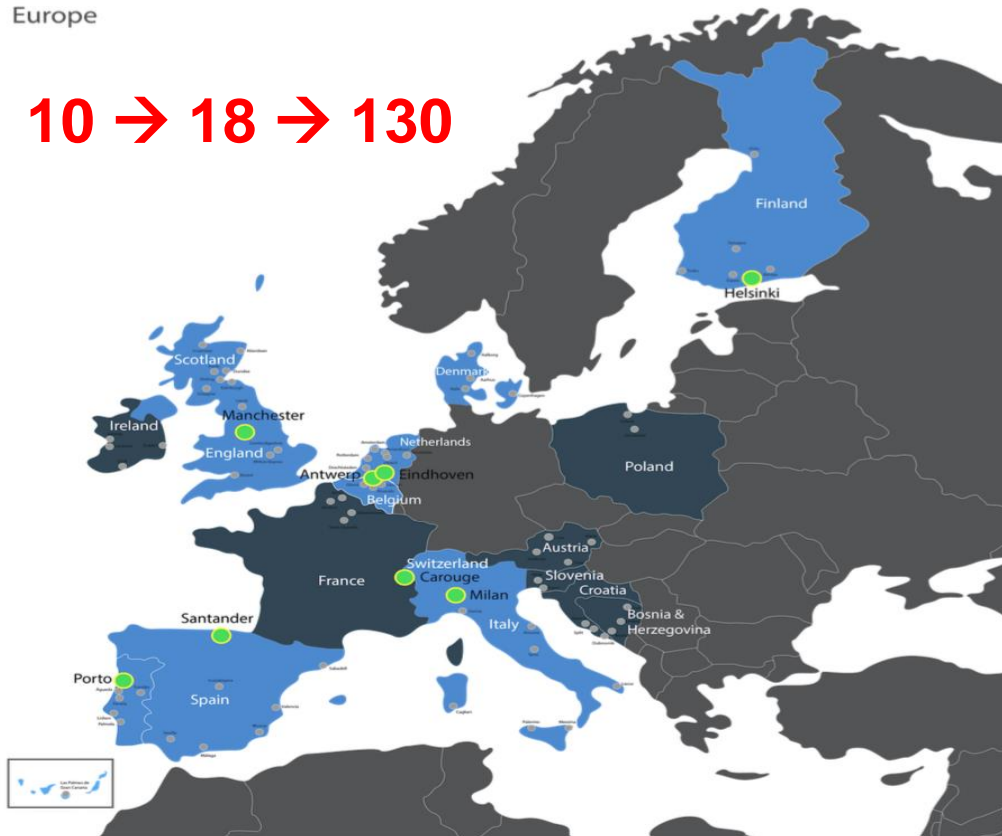
OPEN & AGILE SMART CITIES

Americas



Europe

10 → 18 → 130



South Korea



Oceania



- Directly involved regions
- Other OASC regions (potential replicants)
- Directly involved cities
- Other OASC Cities (potential replicants)

# Post-Synchronicity

© Infrastructure

© Capacity

© Certification

© Transactions

# Challenges

- ◎ Patterns of investment suggest value from peripheral applications, not abstracted level
  - E.g. lighting and comms
  - Lower risk
  - Tangible output
  - Existing budget lines
  - Technology exists, yet stand-alone needs hardly emerging



# Challenges

- ◎ Cities are doing digital transformation ‘with brakes on’
  - Cost of scenario reversal
  - Infra, capacity, role as data nexus unclear
  - Risk profile
  - Ease of use is not an argument

# Challenges

- ◎ No ecosystem actor has the right profile to pick up role post-project
  - Huge investment, quick returns needed, wrong horse likely (dead horse very visible)
  - Use case champions missing
  - Operational uniqueness (not a side gig)
  - Trust profile outside of consortium boundaries

# Intermediate frame OASC

- ◎ Infrastructure buildup
  - But selling points needed!
- ◎ Capacity building
  - But role still not entirely defined
- ◎ Certification of ecosystem
  - Limited to procurement and projects
- ◎ Solutions repository federation (SDG11 GC)
  - Working with incumbent and upcoming parties under practical umbrella
  - Not transactional

# Thank you!

## Reach out to us:

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