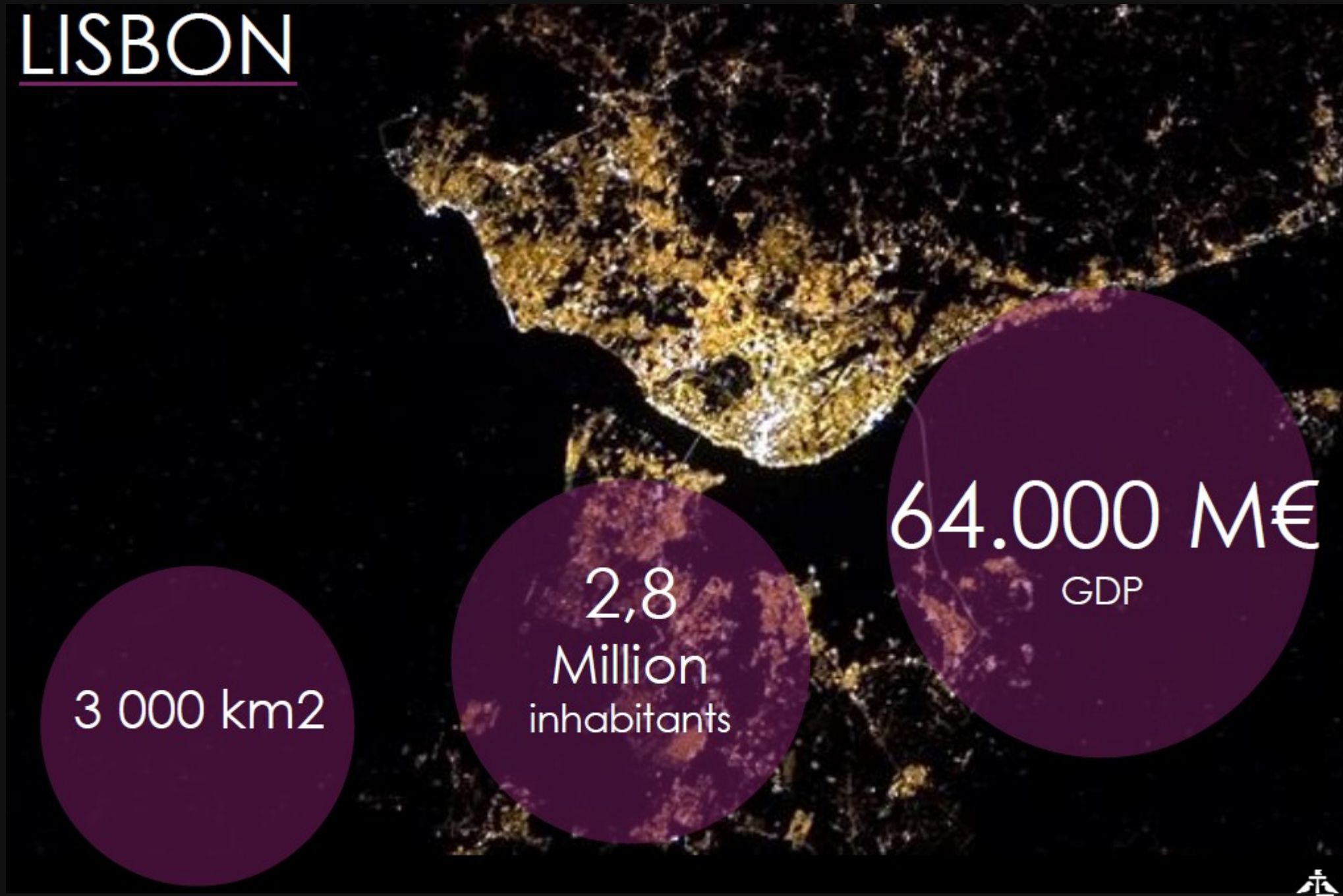
LISBON

INSPIRE – GeoSpatial World Forum

Jorge Máximo
Lisbon City Council
27th May. 2015

LISBOA
CÂMARA MUNICIPAL

LISBON



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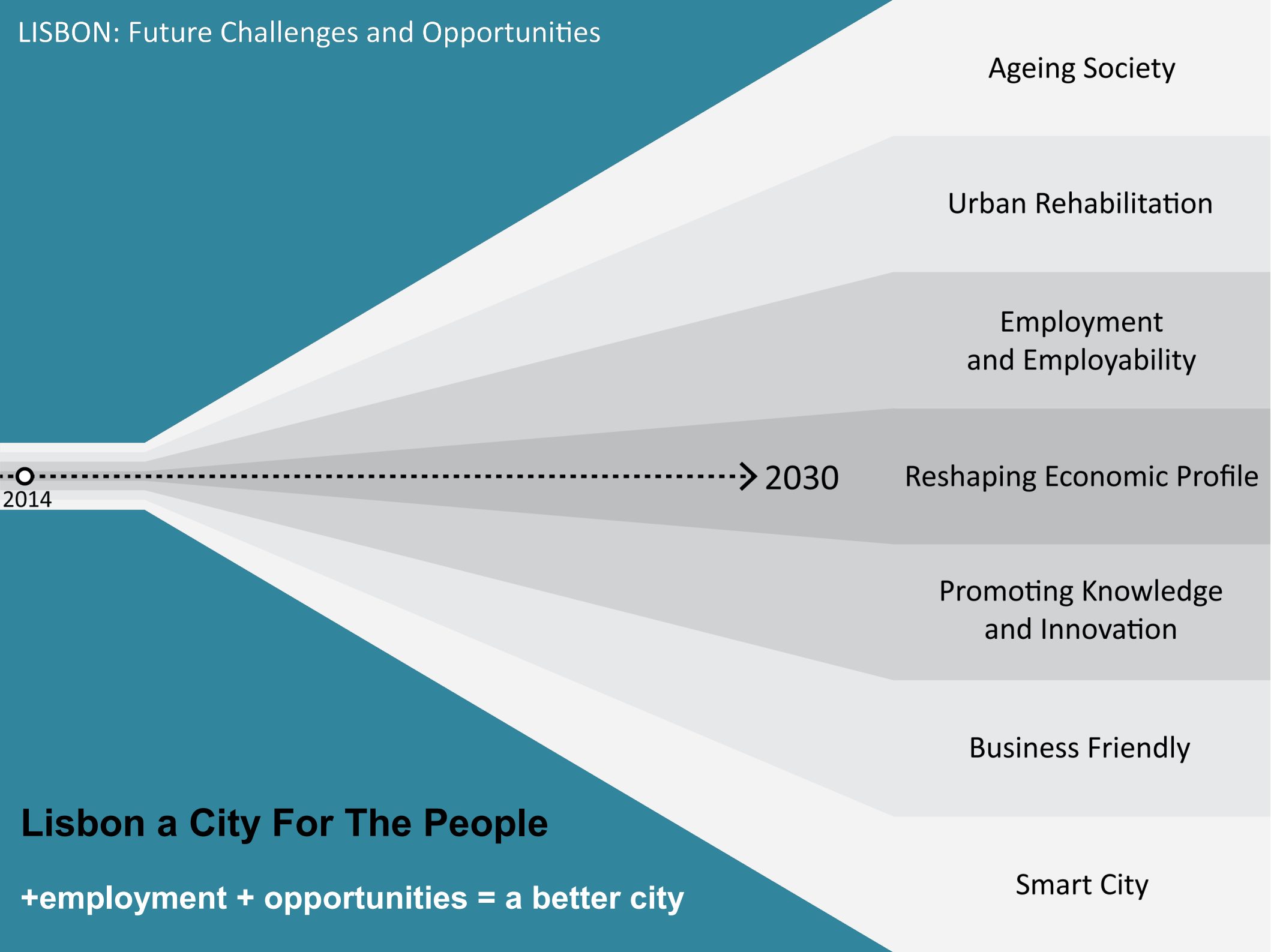
LISBON: Future Challenges and Opportunities
Ageing Society
Urban Rehabilitation
Employment
and Employability
2014
2030
Reshaping Economic Profile
Promoting Knowledge
and Innovation
Business Friendly
Smart City
Lisbon a City For The People
+employment + opportunities = a better city

A Smart City might be described as one that…

…dramatically increases the pace at which it improves its sustainability and resilience,

…by fundamentally improving how it engages society, how it applies collaborative leadership methods, how it works across disciplines and city systems, and how it uses data and integrated technologies,

…in order to transform services and quality of life for those in and involved with the city (residents, businesses, visitors) *ISO 'Working Definition'*

LISBON – Smart City
An open innovation city ecosystem

KNOWLEDGE AND INNOVATION

Lisbon is already a city of knowledge and innovation, an European city capital extremely receptive to technological innovations, a prime location for the implementation of R&D centers and shared services for multinationals.

104
Higher Education Institutions

139.000
Students (Higher Education)

34.000
Graduates/Year

15.000
Researchers

7.000
Doutorados

13
Incubators

3
S&T Parks

13.000
Foreign Students
(crescimento de 39% nos últimos 4 anos)

3.000
Studebnts in ERASMUS Program

LISBON: ATLANTIC START UP CITY

Start up Lisboa Tech

Start up Lisboa Commerce

- +190 startups supported
- +600 jobs
- 5 million Euro gathered
- 72 Mentors
- +50 partners
- 30% of the entrepeneurs are foreigners
- Strong focus on techonolgical startups
- +20 national and international awards

INVESTLISBOA
Your Atlantic Partner

LISBOA
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Montepio

IAPMEI

Start up Lisboa

www.startuplisboa.com

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AMBITION

A city that is:

- Inclusive
- Global
- Sustainable
- Closer to the people
- Entrepreneur friendly

A Citizen-Centered Smart City

Some of our projects:

The Participatory Budget Experience

Lisbon was the first European Capital **adopting** the **Participatory Budget** (PB), and this experience is referred to as an **innovative** example by the UN

PB is a **tool for citizen participation** with the goal of **supporting decision** making processes in all the fields of competence of the city, through on line media

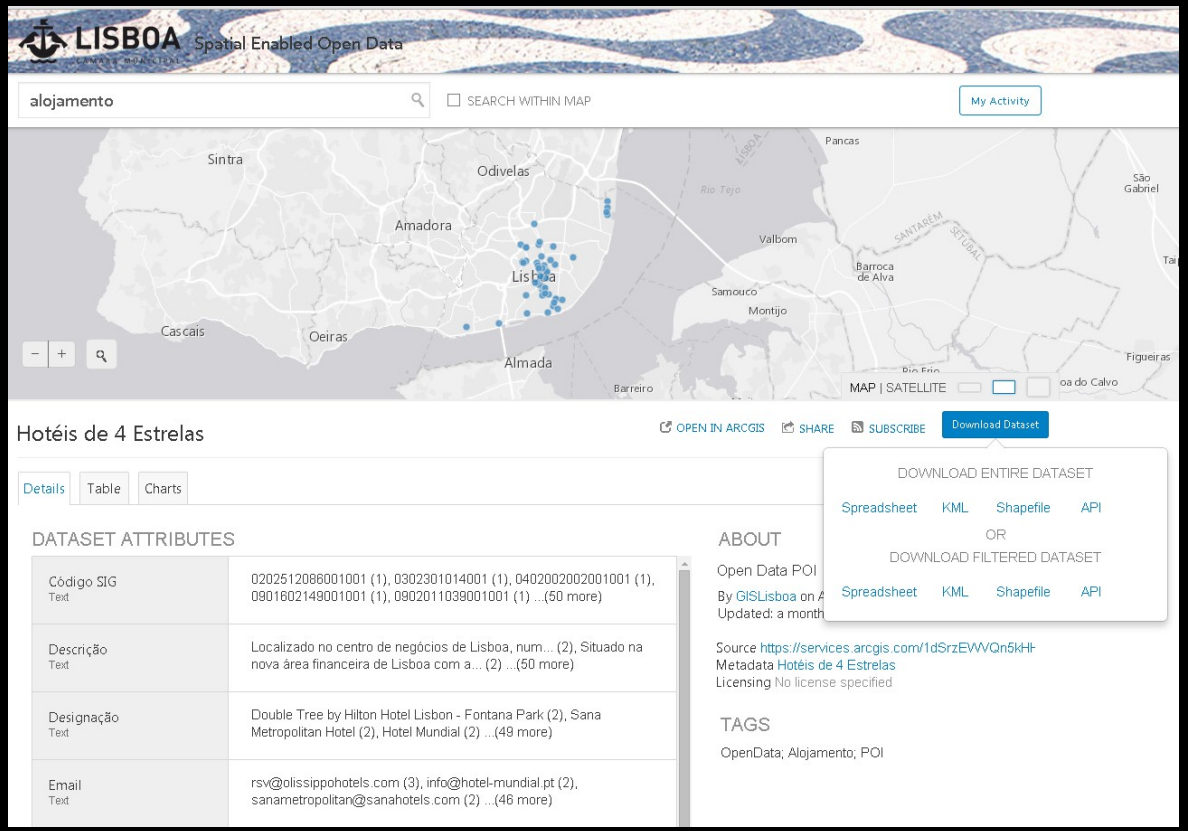
The Participatory Budget Experience

Facts and Figures

	2008	2009	2010	2011	2012	2013
Proposals	580	533	927	808	659	**551**
Projects	89	200	291	228	231	**208**
Number of votes	1.101	4.719	11.570	17.887	29.911	**36.000**

e-participation portal

Open Data: available to everyone / spatially enabled open data



"**Crucial** for global change will be

open-data cities

cities which self-consciously and collectively decide to make available unimaginable quantities of data, openly and freely"

SmartCitySDK

City SDK | a good example

Co-funded by the European Union

To create a **Smart City Application Ecosystem** through large-scale demand-driven City Pilots, that package and align key smart city application areas to an **open source service developer toolkit, accessing city Open Data**.

Three large-scale pan-European smart city service pilots in the eight partner cities:
Helsinki, Amsterdam, Barcelona, Lamia, Manchester, Rome, Lisbon and Istanbul.

CityServiceDevelopmentKit

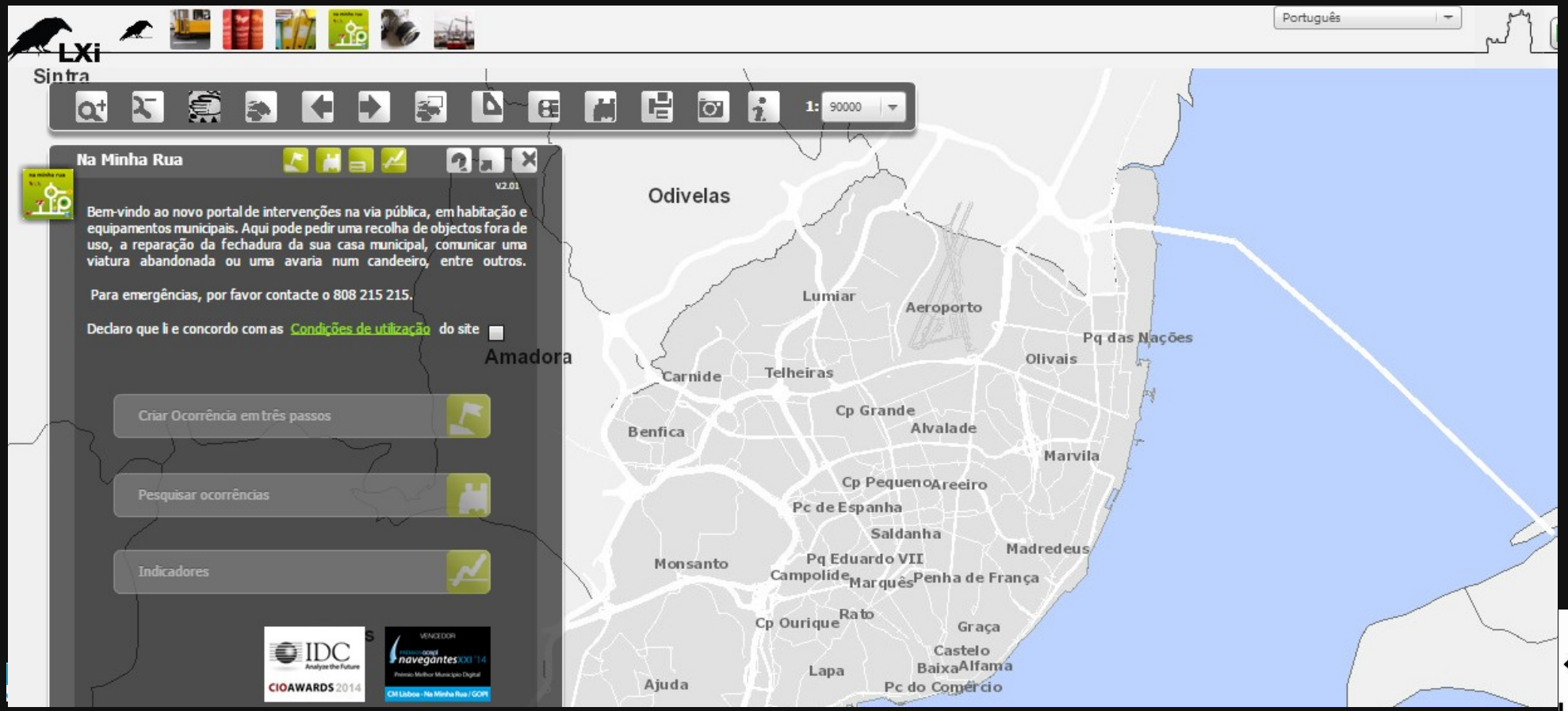
CONGRATS
TO THE
BIG
FINALISTS!
lisboa.bigapps.co
CASTELO
CHIADO
Vodafone
BIG apps
lisboa
SUPERCHARGED BY:
LISBOA
Vodafone
Power Lab
LISBON
2013
BIG
BOLD
IDEAS
GROW
WIRIDE
WiRide
LAUNCH

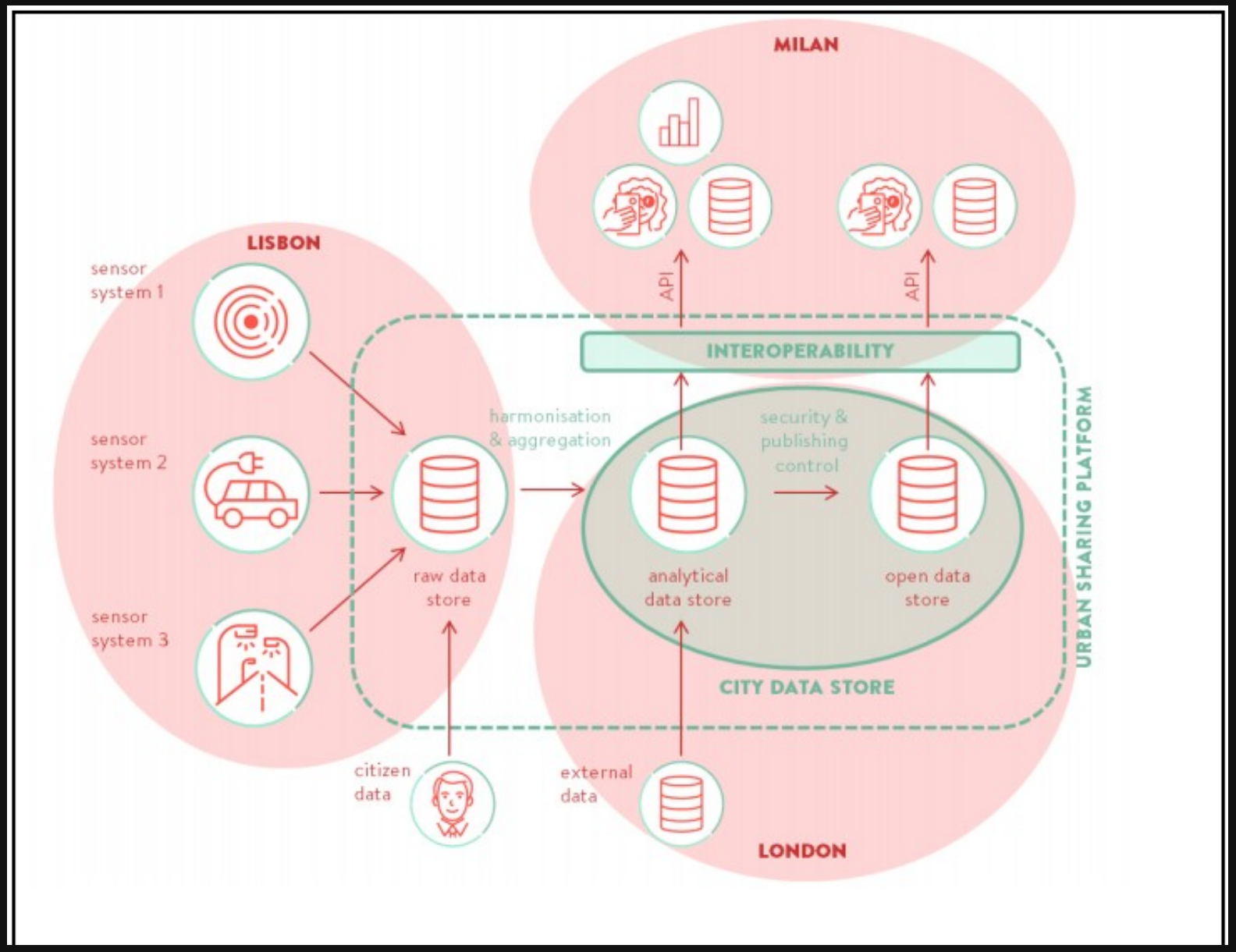
Stimulating citizen engagement and participation

+ 300 issues a day
+ 100 000 issues per Year

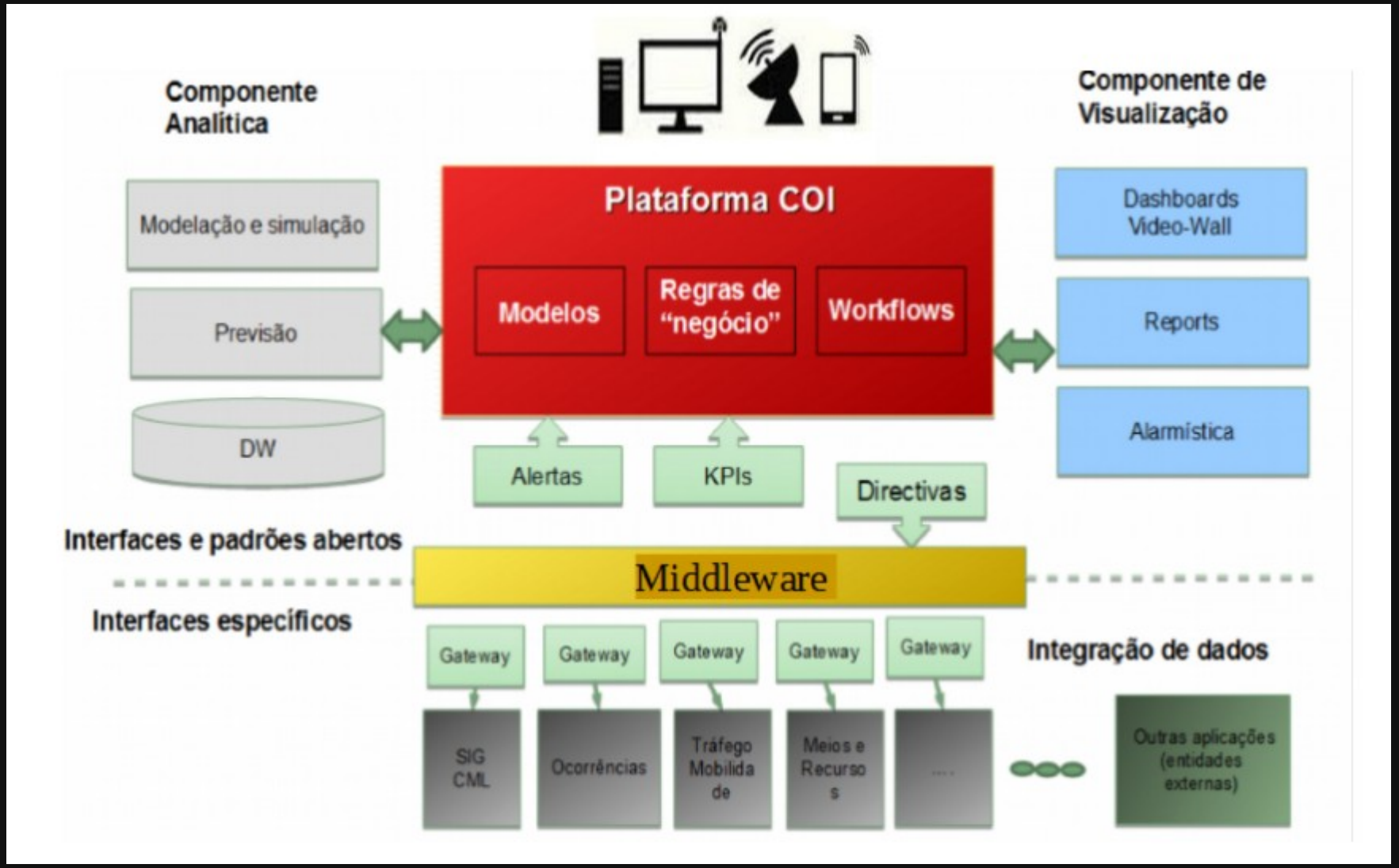
Massive participation by the citizens

Urban cleaning, Lighting, Pavement and sidewalk issues, Garbage removal, Abandoned vehicles, Etc…

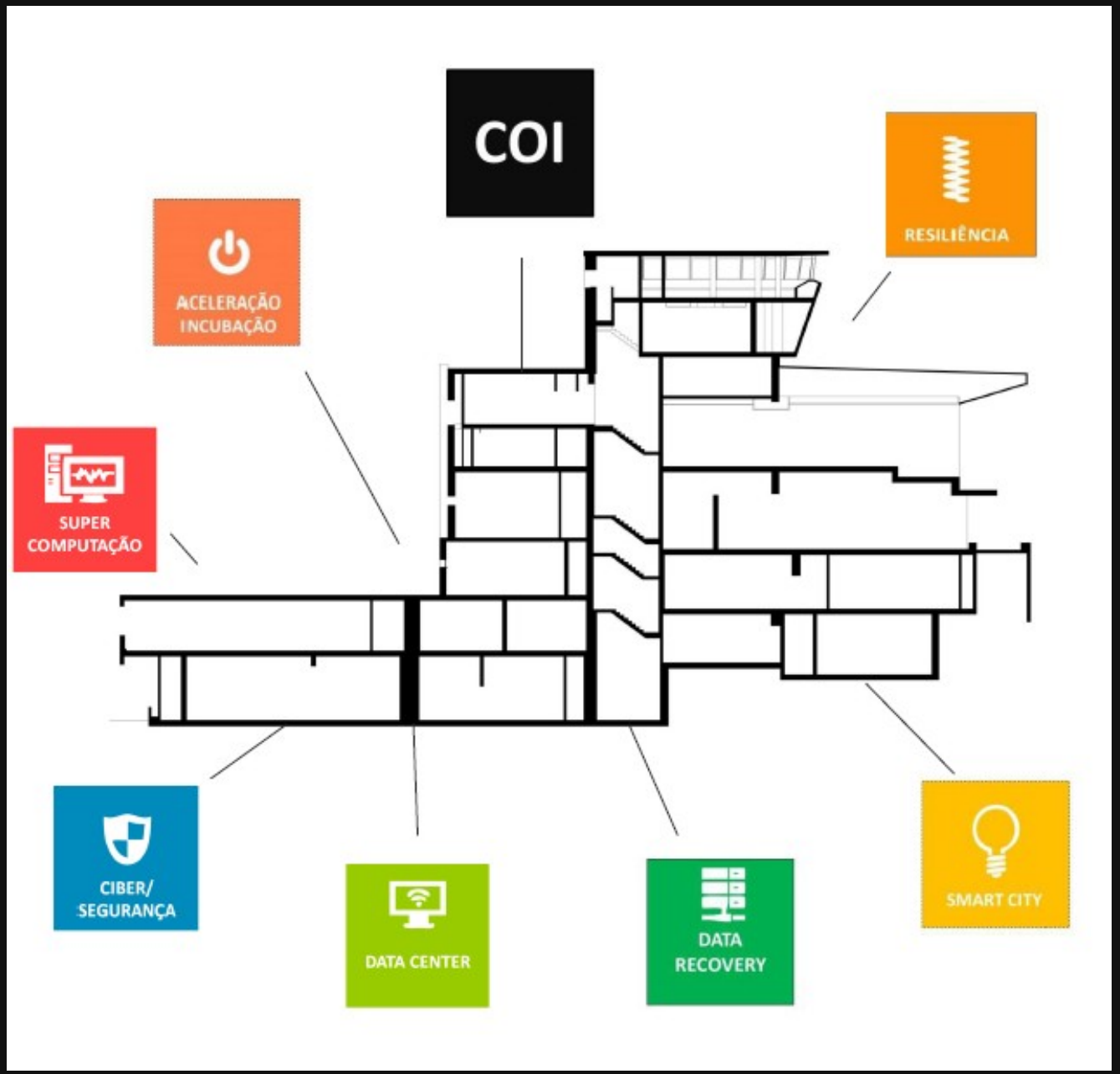



MILAN
LISBON
sensor system 1
sensor system 2
sensor system 3
API
API
INTEROPERABILITY
harmonisation & aggregation
security & publishing control
raw data store
analytical data store
open data store
CITY DATA STORE
URBAN SHARING PLATFORM
citizen data
external data
LONDON

A new IT reference architecture for the smart city



MONSANTO 360


COI
RESILIÊNCIA
ACELERAÇÃO
INCUBAÇÃO
SUPER
COMPUTAÇÃO
CIBER/
SEGURANÇA
DATA CENTER
DATA
RECOVERY
SMART CITY

Further Ongoing Projects:

- Shift to Mobile;

- Sports Georeferenced Chart;

- Social Georeferenced Chart;

- Smart City KPI´s + Dashboards;

The exponential growth of data

The challenge of creating city knowledge and city intelligence

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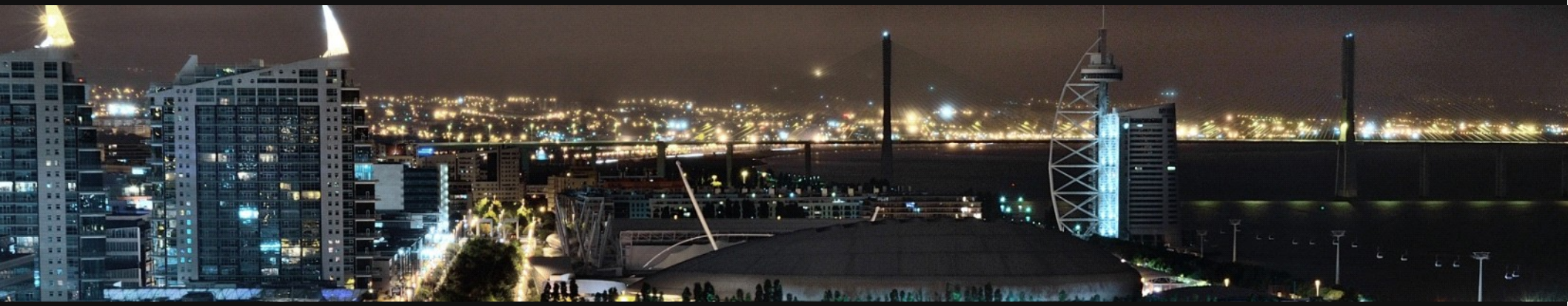

Lisbon City Council

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www.cm-lisboa.pt/en/
Photos: Daniel Rodrigues.

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