User Driven Open Innovation Ecosystems to go really local … across boarders

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Contribute to Lisbon’s sustainable development through the promotion and dissemination of good practice in energy and environment.

26 Affiliates
13 Workers
6,000 Mailing list subscribers

50 Communication actions/year
25 Current projects
LISBON’S CHALLENGES FOR THE FUTURE ON BECOMING:

an international hub for world scale companies;

a pole for creativity and innovation;

a prospering atmosphere for entrepreneurs, new ideas and business;

a dynamic city for exhibitions, events and cultural activities;

a center for excellence in investigation and R&D;

an inclusive city for its citizens, fostering a cooperative environment between the local authorities and the citizen.
• The challenges: Economic and financial crisis, citizens distrust, growing social needs, ageing population, sustainability.

• The opportunities: ICT, data systematization, citizens participation, social networks, renewable energies technologies in the urban environment.

• The goal:
  “Facilitate creativity, providing citizens, small enterprises, start-ups and civil organizations the tools needed to create, to innovate, to enable social innovation, centring the citizen as a co-producer/partner of the City”

  Lisbon City Councillor Graça Fonseca

• The pillars of action: spaces; entrepreneurship and useful tools.
ON LISBON TOWARDS A SMART CITY

- Participatory Budgeting;
- Living Labs;
- In my street

SPACES FOR PARTICIPATION

TOOLS USERS INNOVATION

- Co working;
- Open Data Lx
  - Solar Lx

ENTREPRENEUR

SUSTAINABLE MOBILITY

- Lx Start-up
- Fab-Lab;
- Academia Lx;

- Public transports;
- Electric Vehicles
PARTICIPATORY BUDGETING

SPACES FOR PARTICIPATION
LIVING LABS

Service Buildings (SAVE ENERGY)
Focused on improving buildings’ energy efficiency through the analysis of static and real time data together with the building energy manager and the building users.

Residential buildings (APOLLON)
Promote energy efficiency and behaviour change through the use of smart meters and practical accompaniment towards the adoption of more energy efficient actions.

RENER, by Inteli
Dynamic network of 25 national cities working together in the development of the smart grid concept associated with new renewable energy technologies. Eg. MobiE project.

Creative media, by Inteli
Creative community focused on developing of novel services/products and applications in the area of “Digital Media”, namely digital journalism and participatory media.

Sport Living Lab Lisboa – VIDELLL, by FMH
University supported living lab aimed at exploring water sports and new business models taking the sea and river as the base for new ideas.
- Citizens are invited to report problems/situations that need the municipality’s attention.

- The occurrences are presented to everyone in the portal, identifying their state:
  - reported,
  - analysed,
  - solved.

- Successful instrument for citizens reporting/communicating the city status and identifying gaps in the city management.
CO-WORKING

- Growing demand and offer of spaces;
- Private and public initiative
- Individuals and Micro-companies

OPEN DATA

- More than 50 data collections;
- Available to the public;
- Build new services and functionalities based on the city’s reality
TOOLS FOR USER INNOVATION

SOLAR LX

- Lisbon is the European capital with the highest number of sun hours;

- Evaluation of Lisbon’s built patrimony solar potential;

- Presentation of the solar potential and mobilization of the best locations;

- Straighten the relation between building owners, investors and utilities;

- Monitor the performance of the existing solar systems,

- Compare potential with effective monitoring results;

- Strengthen Lisbon’s efficient use of its’ resources.
- Result of a proposal in the Participatory Budget of 2010;

- Opened in March 2012;

- More than 15 micro-companies are hosted by the Lx Start Up;

- Mostly in the areas of creative industry and ICT.
...benefit from the scientific knowledge and investigation to answer some of the questions that are addressed in Lisbon’s environment, benefiting from the living environment Lisbon represents...
Fab Lab is a municipal initiative driven from the need to create public spaces where innovators and entrepreneurs can benefit from a low cost prototyping environment, having access to peers from different areas of action, joining efforts in the testing of virtual ideas on a small scale approach.
ELECTRIC VEHICLES

- Identification and installation of 514 charging points for electric cars in the city of Lisbon.
- The first year is free of charge!
- Interconnection with the public transports system;
- Straight connection with smart grids and bi-directional energy flux.
SUSTAINABLE MOBILITY

PUBLIC TRANSPORT

Bus timeline by the minute

- Painel ao minuto
- SMS ao minuto
- E-mail ao minuto

Net Bus

Carsharing
DEDICATED BICYCLE LANE

- Winning project from 2008 Participatory Budget;

- Started to implement in 2010;

- More than 35 km

- Dedicated services
  - Bike bus;
  - Apps;
  - Share bicycle system;
  - Tours
ON LISBON TOWARDS A SMART CITY: THE FORTHCOMING STEPS

- OPEN DATA
  new partnerships for workable data

- CO-WORKING
  a new space promoted by the Municipality in the Forno do Tijolo Market

- FAB LAB
  real time prototyping in Forno do Tijolo Market

- CROWDSOURCING
  social network for innovation in Lisbon

- LISBON ACADEMY
  1st edition 2011/2012

- LX START UP - BUSINESS INCUBATOR
  1st year of operation

- CITY SDK
  transfer of Smart City applications from one city to another
ON LISBON’S FUTURE TOWARDS A SMART CITY REALITY

- Engage citizens – power to the people;
- Lead by example;
- Encourage social networks;
- Nurture new ventures and business;
- Promote new/improbable partnerships;
- Economics of attention: learning from experienced peers.
- Creative Economy
  “Living hard and working creatively”
- Renovate, recreate and reoccupy city spaces.
Thank you for your attention

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