



Market Place of the European Innovation
Partnership on Smart Cities and
Communities

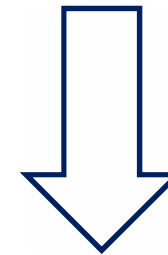
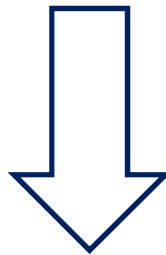
AC SUM – New Mobility Services
Initiative meeting
22 November 2016



Action cluster initiatives (stakeholder driven)

bring together cities and companies, committing to replication of tested innovation, information exchange & partnering for projects

Pace, Scale, Impact, Integrated Solutions, Replication, Collaboration



(web-based)-space for market intelligence: exchange & match-making on a European scale, mapping ambition and solutions



"smart deals":
Replication of specific & tested innovation, open sharing of functional specifications and procurement models



EIP SCC action clusters: rolling out

Smart Urban Mobility

- Electric Mobility
- Mobility Services

Integrated Infrastructures

- Humble Lamppost
- Urban Platforms

Sustainable Districts

- Small Giants
- Refurbishment and Innovation Zones

Citizen Focus

- Map of needs
- Co-creation
- Privacy by design

Policies, Regulations and Integrated Planning

- Scaling up city plans
- To implementation

Business Models (BM)

- New BMs
- Funding mapping
- Long term value adding



Current Sustainable Urban Mobility initiatives

EV4SCC (Electric mobility for smart cities)

What: collaborative innovation platform and replication

Who: so far 75 partners (including 19 cities and regions)

What: - establish a market place
- work on replication of tested solutions
- joint project proposals
~ 5 key innovation areas
~ 20 replicators (2016)

➤ *Launched on 28 January 2016, signing a declaration of action*

Smart mobility services

What: regional ITS innovation clusters and replication of ITS open data technologies

Who: 9 cities / regions and business partners (Grand Lyon, the city of Birmingham, the Mobility Agency of the City of Rome (Roma Servizi per la Mobilità), University of Žilina (Slovakia) and the companies Vedecom, Transdev Group, Softeco and Consorzio per il Sistema Informativo (CSI Piemonte).

What: - sharing functional requirements
- establishing a market place
~ 3 key innovations areas
~ defining replication target

➤ *Launched on 28 January 2016, signing a declaration of action*



Current Sustainable Urban Mobility initiatives

EV4SCC (Electric mobility for smart cities)

What: collaborative innovation platform and replication

Who: so far 55 partners (10 cities and regions)

What: - establish a network of replicators
- work on replicating successful solutions
- joint project proposals
~ 5 key innovation areas
~ 20 replicators (2016)

➤ *Launched on 28 January 2016, signing a declaration of action*

Smart mobility services

What: collaborative innovation clusters
- replication of ITS open data
- technologies
9 cities / regions and business partners

What: - sharing functional requirements
- establishing a market place
~ 3 key innovations areas
~ defining replication target

➤ *Launched on 28 January 2016, signing a declaration of action*

Open for collaboration



New Mobility Services



- The Initiative will look into two reinforcing strands of action in relation to New Mobility Services:
 - Replication and cooperation between regional innovation clusters, providing test beds for innovation and willing to share knowledge and to support replication (Championed with Luxinnovation, and cooperating with up to 5 other regional innovation clusters).
 - Increase the uptake of specific technologies and services that currently prove their success in EU research (OPTICITIES and MYWAY), seek replication and cooperate for large-scale roll out (with an involvement of at least 10 cities).

OPTICITIES

ENHANCING SMART MOBILITY





- The final meeting of the current marketplace team...
- Some changes in the initiative management...
- And a new organigram at the DG MOVE...

- But... the activities go on, with political support at the highest level!



Today's working principles



Let's make CIVITAS2020
and SCC-EIP work closer
together!





Today's working principles



- Explore three key issues for upscaling and replication
 - Citizen focused use of data / data privacy
 - Business models
 - Value for the user
- For a number of apps developed in the CIVITAS2020 environment
 - TRACE
 - EMPOWER
 - OPTICITIES



12:00 - 12:30

Data Privacy on the case of Traffic Snake Game

Business Models for Positive Drive and the EMPOWER tools

Value for the User in Hi!Cycle



12:30 - 13:00

Data Privacy on the case of Hi!Cycle and the EMPOWER tools
Business Models for the Traffic Snake Game
Value for the User in Positive Drive



14:00 - 14:30

Data Privacy on the case of Positive Drive

Business Models for Hi!Cycle

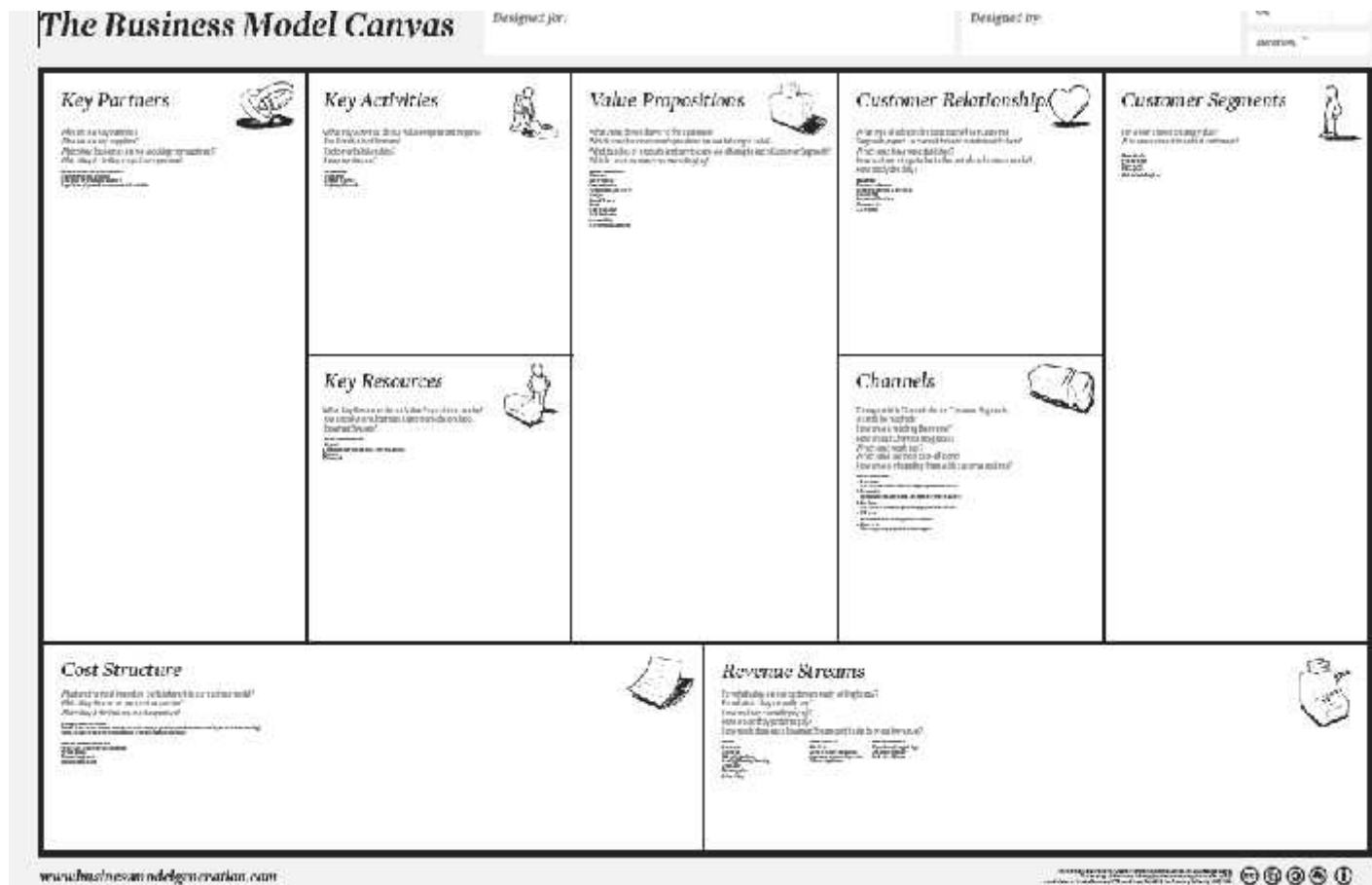
Value for the User in Traffic Snake Game and the EMPOWER tools



Business model canvas



- <https://www.youtube.com/watch?v=QoAOzMTLP5s>





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Funding opportunities

22 November 2016



Technical Assistance



- ELENA (- Transport) (2016 – €5m; 2017 – €10m)
 - Scope: Support significant bankable investments in urban transport and mobility (e.g. use of innovative solutions such as alternative fuel vehicles)
 - “Investments to introduce at a wide scale new, more energy-efficient transport and mobility measures in any modes in urban areas.”
 - Final beneficiaries: Public and private project promoters – can be “aggregators”
 - Two-step process including a preliminary application and a final application



Urban Innovation Actions



- €50M, 10 projects
- Single city projects
- Information available from September onwards
- Call open November 2016
- sustainable urban mobility, the circular economy and the integration of migrants and refugees as topics...



SCC-1-2016-2017: Smart Cities and Communities lighthouse projects



- To demonstrate solutions at district scale integrating smart buildings, smart grids (electricity, district heating, telecom, water, etc.), energy storage, electric vehicles and smart charging infrastructures, using the latest generation ICT platforms (and infrastructure) based on open specifications. This should in turn help to manage a successful transformation towards intelligent, user-driven and demand-oriented city infrastructures and services.
- This should be accompanied by energy efficiency measures and the use of very high shares of renewables at the level of districts.
- Limited focus on New Mobility Services and ITS.



H2020 opportunities new mobility services



- ICT-11-2017: Collective Awareness Platforms for Sustainability and Social Innovation
- ICT-15-2016-2017: Big Data PPP: Large Scale Pilot actions in sectors best benefitting from data-driven innovation
- ART-07-2017: Full-scale demonstration of urban road transport automation
- MG-8.4-2017: Improving accessibility, inclusive mobility and equity: new tools and business models for public transport in prioritised areas
- MG-4.1-2017: Increasing the take up and scale-up of innovative solutions to achieve sustainable mobility in urban areas

- CEF: Programme Support Action (PSA) for a European Framework Architecture for Intelligent Transport Services (ITS)



H2020 opportunities Electromobility



- MG-4.2-2017: Supporting 'smart electric mobility' in cities
- GV-08-2017: Electrified urban commercial vehicles integration with fast charging infrastructure
- GV-10-2017: Demonstration (pilots) for integration of electrified L-category vehicles in the urban transport system



Thank you!

<http://eu-smartcities.eu>