

Non-pilot cities that will promote the EleCTra model in their own contexts

R E L I A N S[®]

2nd NGS Meeting

20.03.2015

WP 4 - SERVICE EXECUTIVE PLANNING

WP 5 – IMPLEMENTATION

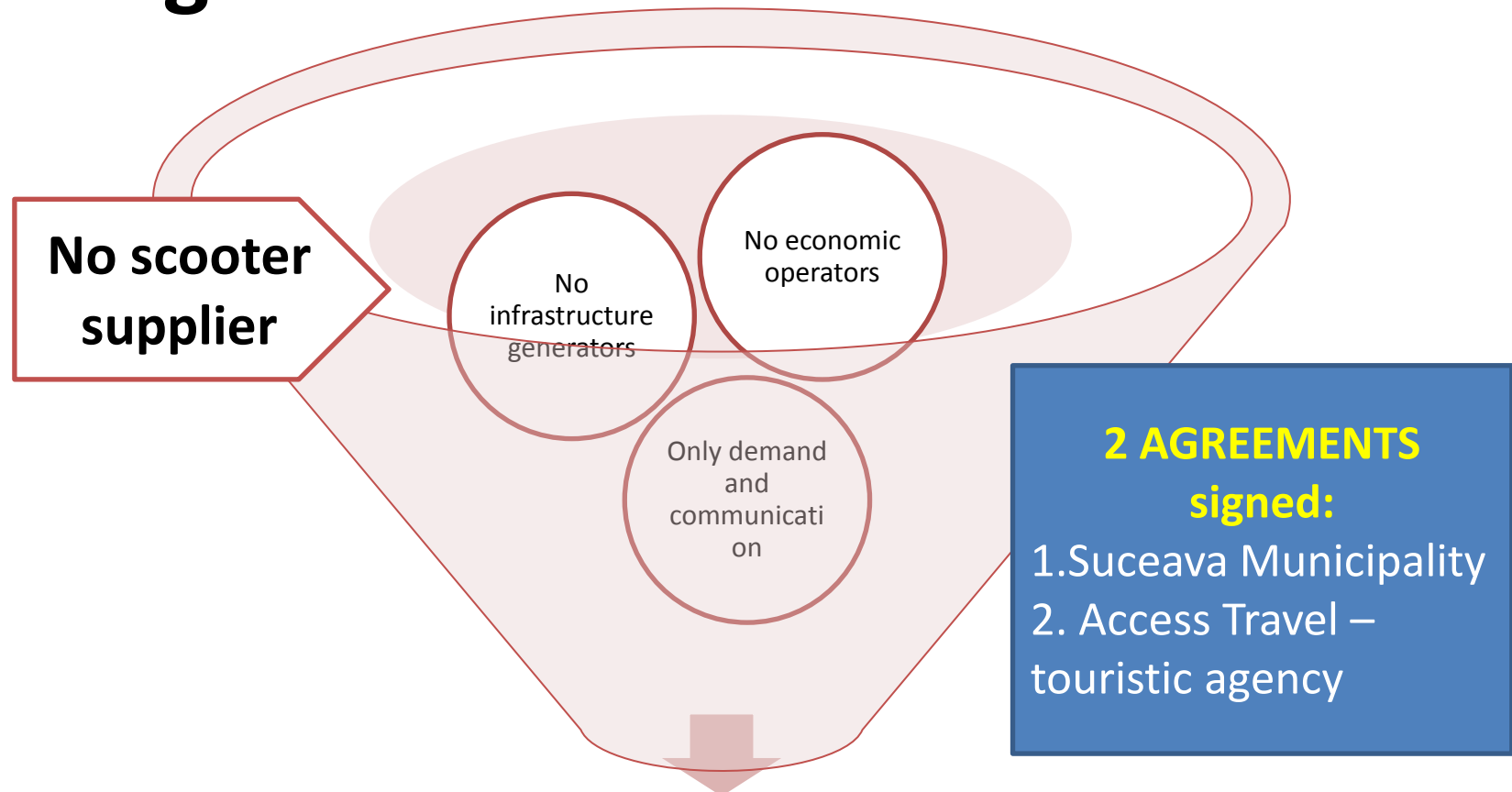
WP 4 - SERVICE EXECUTIVE PLANNING

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D.4.2- Agreements with relevant stakeholders in order to maximise project and promotion effectiveness

Public bodies, local public transport operators and railways operators, tour operators, touristic transport services operator (both public and private) and touristic shipping companies in order to maximize project and promotion effectiveness.

Agreements with stakeholders



**BOTTLENECKS IN SIGNING
THE AGREEMENTS**

Suceava's involvement in E-mobility for the period 2015 – 2020

Suceava main objective in e-mobility area

To promote and implement electric vehicles and charging infrastructure in the city

To plan activities for the development of communication campaigns with citizens

To initiate development of a market for electric vehicles

To put into practice favorable legislative measures and mechanisms that can help overcome financial barriers which are in the way of implementing electric transport

Projects before implementation

Project	Program	Year
Ele.C.Tra – Electric City Transport	Intelligent Energy Europe	2013 - 2015
Project “EVUE – Electric vehicles in urban Europe”	URBACT II	2009 - 2013
“CIVITAS II - SMILE – towards Sustainable Mobility for people in urban areas	FP6 for technological research and development, CIVITAS II - Energy-Transport–Environment	2005 - 2009
CATCH (Clean Accessible Transport for Community Health)	LIFE Programme – Energy and Environment	2002 - 2005
AlterEco ALTERNatives to protect the ECOlogy of Europe	Ecos Ouverture Programme	2000 - 2002

Preconditions for implementation

- Realization of the **SEAP**
- Realization of the **Local action plan for the implementation of EV in Suceava**
- Realization of the EV project outline for Swiss funds
- Approval of the project outline
- Realization of the final project proposal and the Feasibility Study: **Electromobility – Electric Vehicles for a „green” Municipality**
- Approval by the Swiss
- Realization of the Technical Project

February 2013

April 2013

November 2013

June 2014

December 2014

Implementation of EV in Suceava

Signing in March, 2015 the Grant contract for EV infrastructure and pilot project: electric vehicles and e-bikes

Preparing incentives like: special parking spaces for EV, free parking for EV, etc.

ELECTROMOBILITY

electric vehicles for a „green” municipality

General Objective

- To Improve the urban energy efficiency management in Suceava Municipality as a result of implementing a pilot electro-mobility system in view of reducing CO₂ emissions and increasing the market standard of population.

Specific objective

- Increased number of electric vehicles in the vehicle fleet of Suceava Municipality, number of electric bikes and setting up the related charging infrastructure in view of reducing fuel consumption and CO₂ emissions

Short description

EV charging infrastructure, namely 28 charging points, out of which:

14 standard charging points

14 fast charging points

56 dedicated parking lots

Acquisition of electric vehicles in replacement of old inefficient vehicles:

11 electric cars

2 electric vans

1 utility vehicle -
electric sweeper

1 utility vehicle -
electric tanker

Acquisition of 10 electric bikes with charging station equipped with 5KW solar photovoltaic panels for supply

Elaboration of an electric public transportation study

Awareness campaign to promote electric mobility to other state institutions, businesses and the citizens of Suceava

Short description (2)

Foreseen
starting date:

• March 2015

Implementation
period

• 24 months

Foreseen impact of the project

Reduced CO₂ emissions into the atmosphere and reduced conventional fuel consumption

Supporting the use of green (electric) transport modes in Suceava Municipality and increased trust of citizens in the reliability of the new EV technology

Stimulating the use of electric vehicles

Changing the mentality of current and future vehicle owners, in view of partial and gradual replacement of conventional vehicles by EV and alternative transport modes (electric bikes, light e-vehicles)

Providing a model of good practice for other local, regional and national public institutions – no other municipality in Romania had adopted the EV technology

Promoting a modern, sustainable, less polluting, energy efficient and cost-efficient transport

Integrating the new electro-mobility system in ampler urban planning aspects undertaking collateral investments in the public transport sector in Suceava metropolitan area (*Strategic projects 2014-2020 - "Implementing a new green public transport throughout the metropolitan area of Suceava and setting up a photovoltaic park to generate renewable energy"*).

Foreseen future projects in E-mobility

Implementing a new green public transport throughout the metropolitan area of Suceava and setting up a photovoltaic park to generate renewable energy

Purchase 40 electric buses to replace conventional buses

Charging infrastructure for e-buses

Realization of a park and ride system



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