VALLADOLID, 20-21 | SEPTEMBER 2018

Sergio SANZ

Head of R&D Programmes

CARTIF Technology Centre

Keynote speaker:

The facilitator

“Creating the ecosystem to transform EU cities”

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Sergio Sanz – R&D Programmes Manager

[TECHNOLOGY CENTRE] CARTIF

CREATING THE ECOSYSTEM TO TRANSFORM EU CITIES

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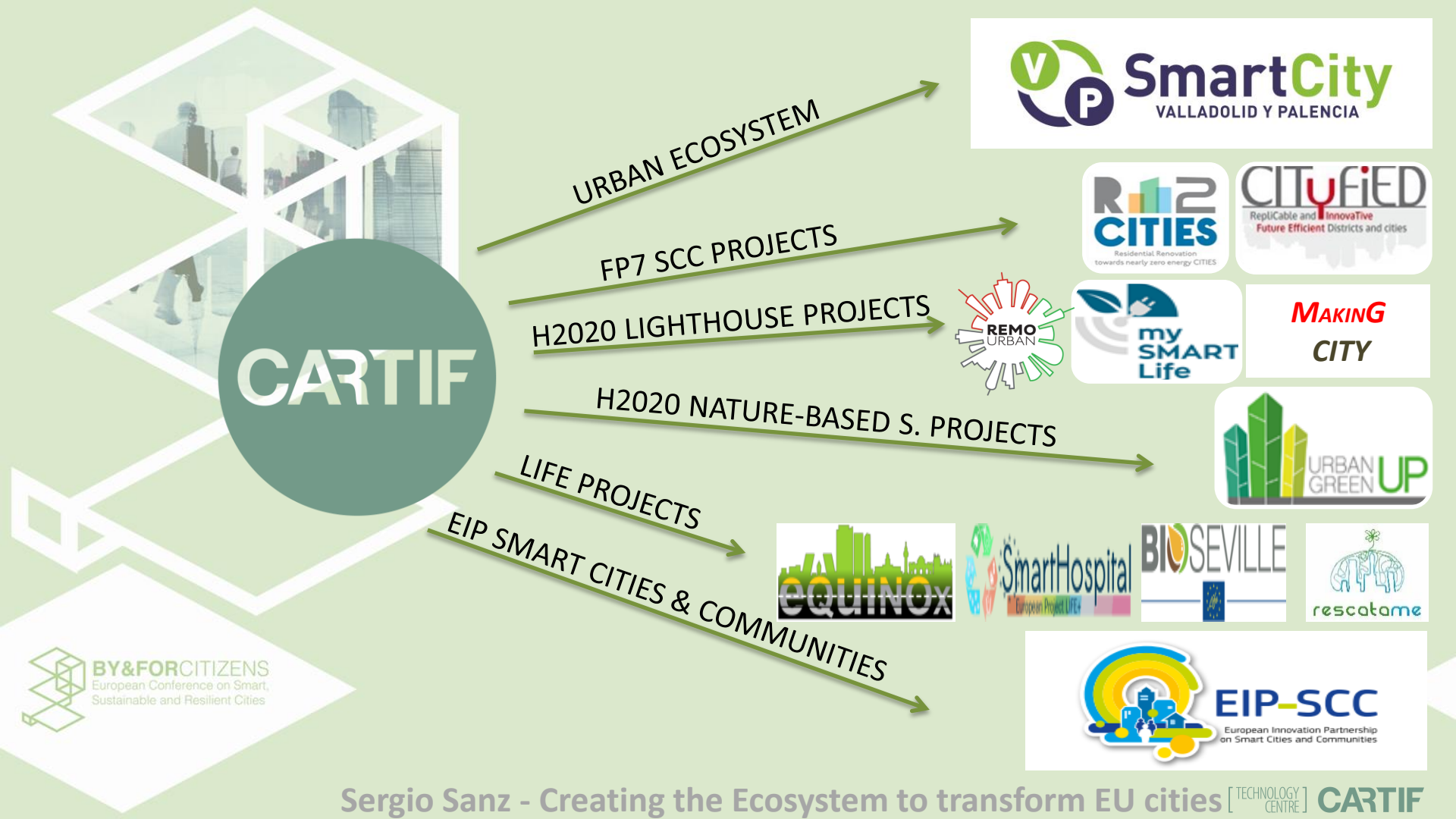
CARTIF
URBAN ECOSYSTEM
FP7 SCC PROJECTS
H2020 LIGHTHOUSE PROJECTS
H2020 NATURE-BASED S. PROJECTS
LIFE PROJECTS
EIP SMART CITIES & COMMUNITIES
SmartCity
VALLADOLID Y PALENCIA
R2CITIES
Residential Renovation towards nearly zero energy CITIES
CITyFiED
RepliCable and InnovaTive Future Efficient Districts and cities
REMOURBAN
my SMART Life
MAKING CITY
URBAN GREEN UP
EQUINOX
SmartHospital
BIOSEVILLE
rescatame
EIP-SCC
European Innovation Partnership on Smart Cities and Communities
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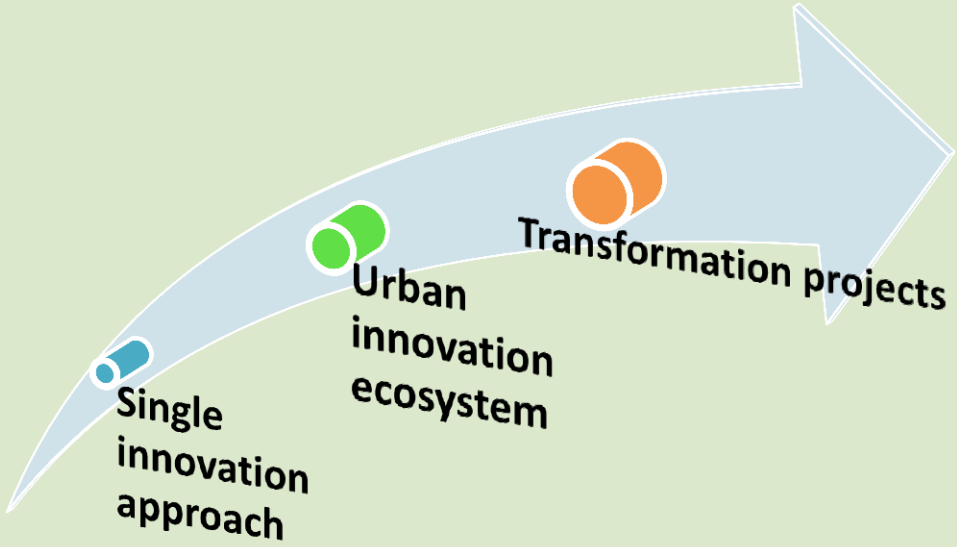
OULU
HELSINKI
LIVERPOOL
NOTTINGHAM
LUND
SODERBORG
TARTU
HAMBURG
GRONINGEN
DRESDEN
NANTES
VITORIA
LAGUNA
VALLADOLID
GENOA
VALENCIA
ISTANBUL
ESKISEHIR
IZMIR
SOMA
ANTALYA

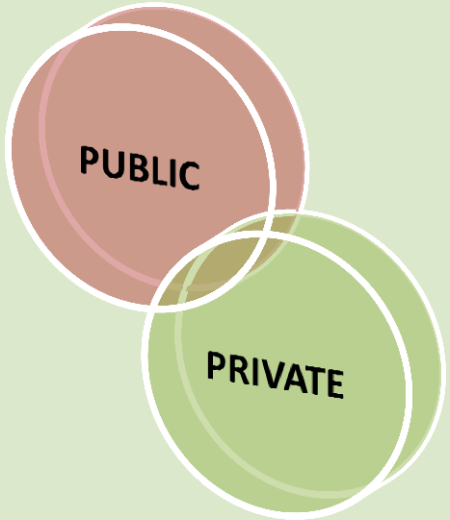
TRANSFORMATION PATHWAY



TRANSFORMATION PATHWAY

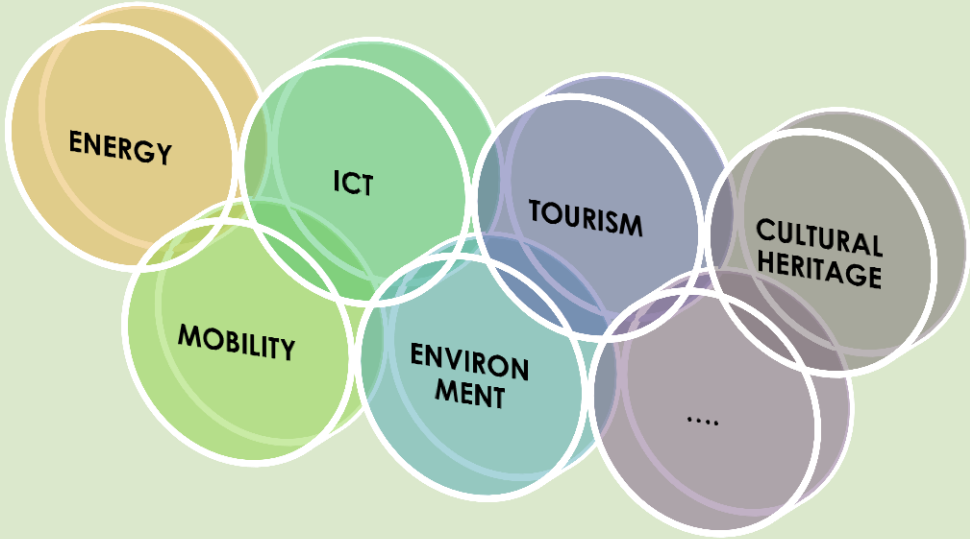
INNOVATION ECOSYSTEM

A public-private collaboration



INNOVATION ECOSYSTEM

Multi-domain approach



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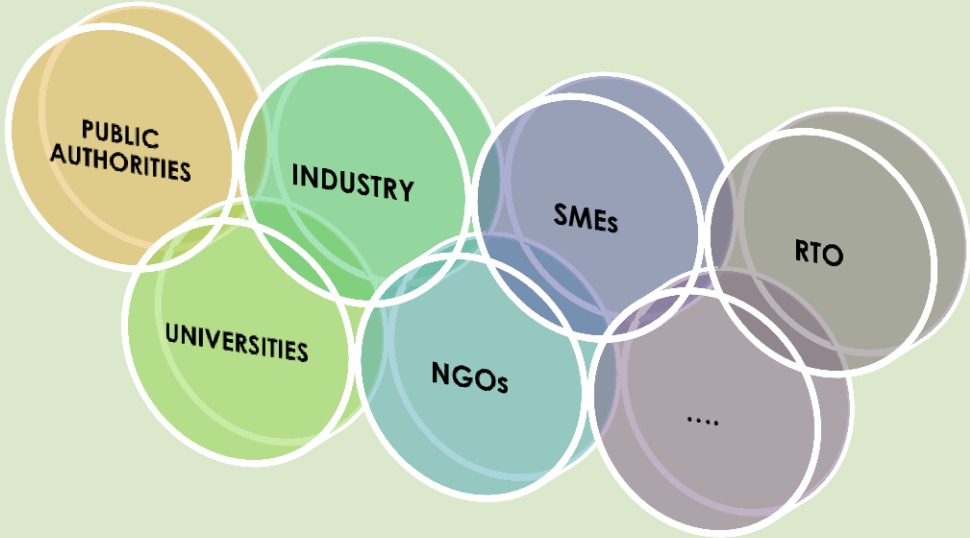
INNOVATION ECOSYSTEM

Multi-stakeholder approach



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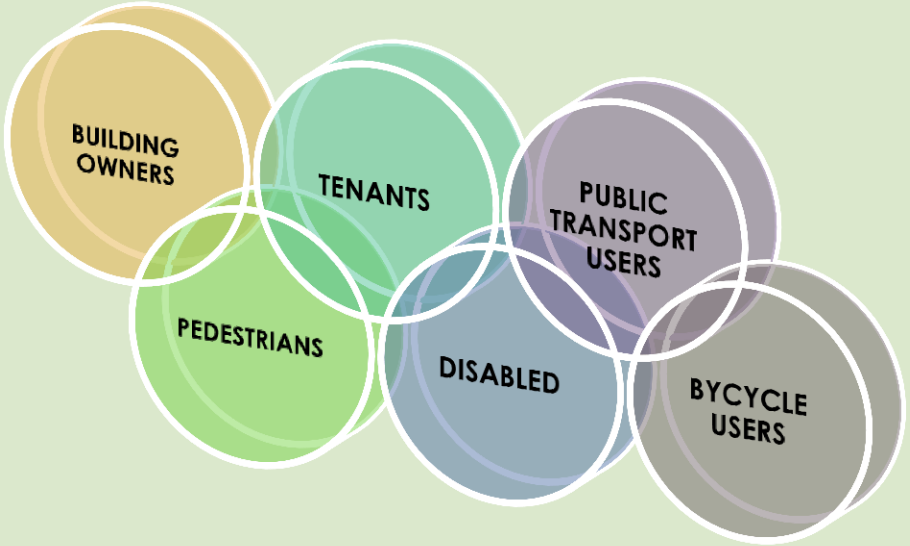
INNOVATION ECOSYSTEM

Citizen engagement strategies



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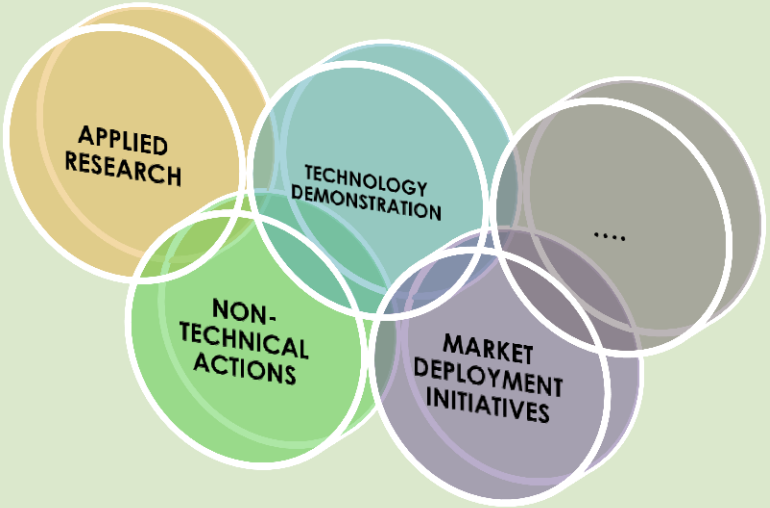
INNOVATION ECOSYSTEM

Urban transformation value chain



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SMART CITY VALLADOLID & PALENCIA

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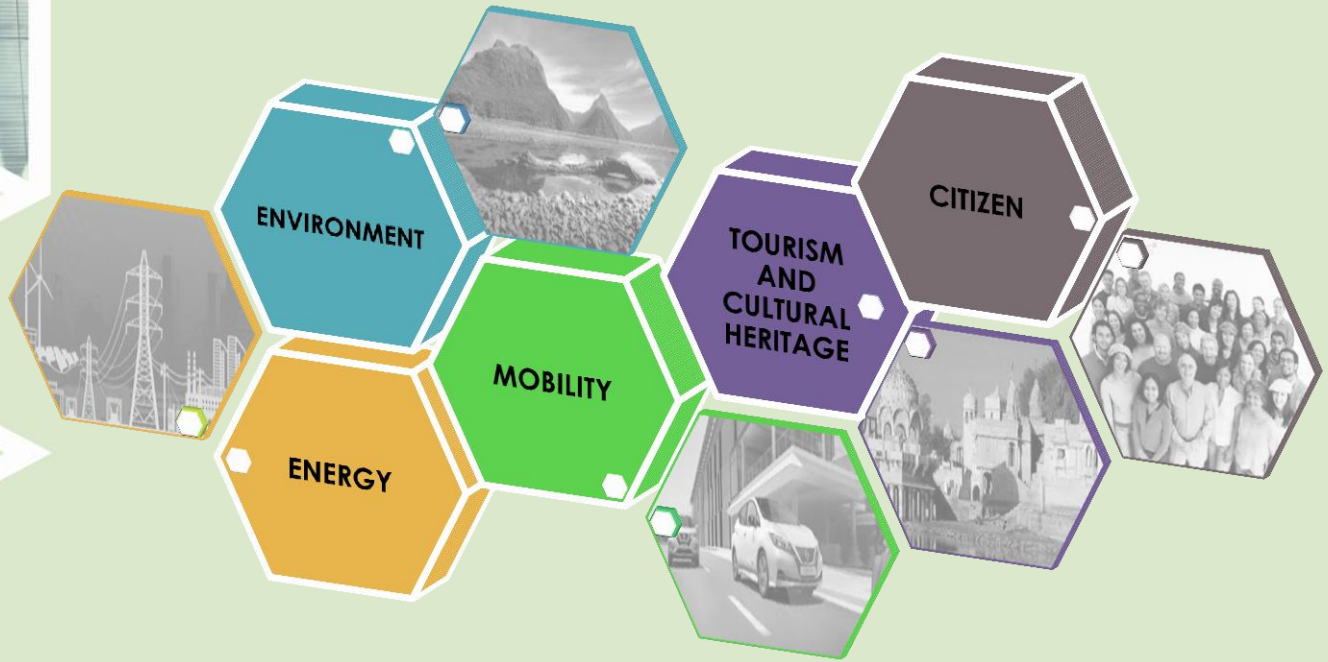
MULTI-DOMAIN



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MULTI-STAKEHOLDER

EREN
ENTE REGIONAL DE LA ENERGÍA DE CASTILLA Y LEÓN

Centro tecnológico CARTIF

Telefónica

25 Lince Grupo

gmv
INNOVATING SOLUTIONS

acciona

IBERDROLA

proconsi
Tecnologías de la Información

ICON MULTIMEDIA

SIEMENS

urbaser

abaccus db
SOLUCIONES E INNOVACIÓN

PRESTO parking

i-movelo

RED ELÉCTRICA DE ESPAÑA

Santa María la Real
FUNDACIÓN

ILUSAMEDIA
playingdreams

ADVANTIC

culturatic

exeleria
grupo everis

elecnor
deimos

imagination at work

Atos

ARGOTEC
INGENIERIA

NEORIS
Practical Visionaries

cobra

GRUPO ENERPAL

dinycon
SISTEMAS

MULTICYCLOS

Fundación de la Lengua Española

Fundación San Cebrián

mcv

fundación cedetel
TECNOLOGÍAS DE LA INFORMACIÓN Y LAS COMUNICACIONES

incosa
Investigación y Control de Calidad S.A.

TERYSOS
territorio / sostenibilidad

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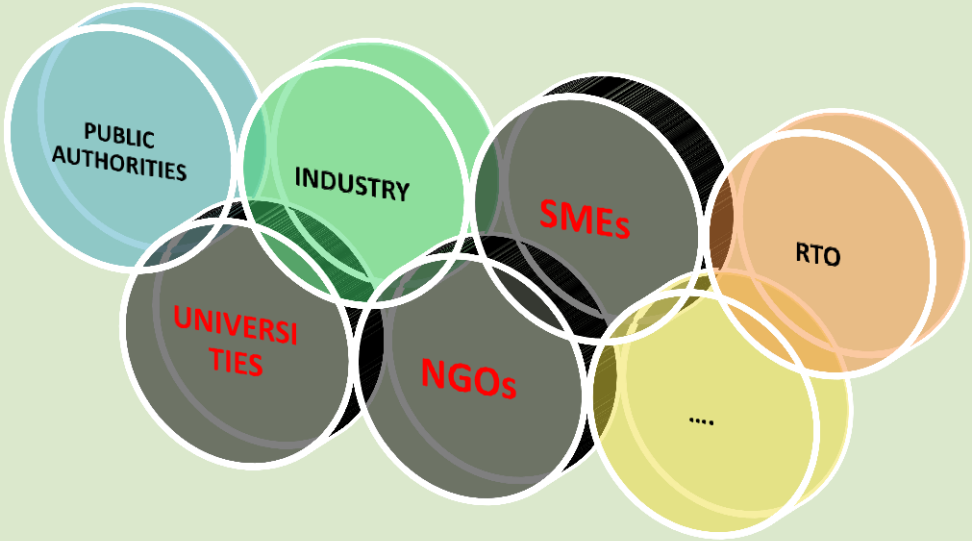
ACHIEVEMENTS & FINDINGS

Multi-stakeholder approach is a weakness



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ACHIEVEMENTS & FINDINGS

REMOURBAN aims to regenerate cities from the energy, mobility and ICT domains, deploying innovative solutions to achieve very efficient districts

ACHIEVEMENTS & FINDINGS

REMO URBAN

INNOVATION ECOSYSTEM

VEOLIA

ACCIONA INF.

acciona

VEOLIA

VALLADOLID CITY COUNCIL

CARTIF

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BUILDING OWNERS

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ACHIEVEMENTS & FINDINGS

REMO URBAN

BARRIERS

Lack of confidence and understanding of benefits
Lack of knowledge in financial options
Lack of best practices on energy efficiency and renewable energy

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ACHIEVEMENTS & FINDINGS

INTEGRATED APPROACH

POLITICAL SUPPORT
DISSEMINATION & COMMUNICATION
TECHNICAL SUPPORT
FINANCIAL SUPPORT

ACHIEVEMENTS & FINDINGS

ACHIEVEMENTS & FINDINGS

REMO URBAN

PUBLIC-PRIVATE COLLABORATION
VALLADOLID CITY COUNCIL
IBERDROLA

IBERDROLA

MANAGEMENT OF CHARGING INFRASTRUCTURE FOR ELECTRICAL VEHICLES

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ACHIEVEMENTS & FINDINGS

REMO URBAN

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ACHIEVEMENTS & FINDINGS

URBAN GreenUP is the demonstration of an innovative methodology to re-naturing cities through NBS interventions, considering new technologies, towards the adaptation of the cities to fight against the climate change

ACHIEVEMENTS & FINDINGS

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CONCLUSIONS

CARTIF is supporting the city transformation fostering and enabling collaboration frameworks

The creation of urban innovation ecosystems is essential to speed-up the process and ensure social acceptance

The innovation ecosystem should be multi-stakeholder and multi-sectorial, properly adapted to the urban conditions

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CONCLUSIONS

Public authorities must be actively involved, however the citizens are in the heart of the transformation

Very recent experiences have demonstrated that an integrated and collaborative approach helps to overcome barriers, technical, social and legal

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CARTIF

SERGIO SANZ

THANK YOU FOR YOUR ATTENTION!

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