MAximizing the UPscaling and replication potential of high level urban transformation strategies

Résultats

Informations projet

MAtchUP

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CORDIS fournit des liens vers les livrables publics et les publications des projets HORIZON.

Les liens vers les livrables et les publications des projets du 7e PC, ainsi que les liens vers certains types de résultats spécifiques tels que les jeux de données et les logiciels, sont récupérés dynamiquement sur OpenAIRE.

Livrables

Documents, rapports (128)

Dresden Lighthouse interventions detailed definition - Final Version

Subtask 3.1.1 Dresden, based in outcomes of WP1, will better define its actions taking into account technical, financial and social aspects (including co-creation processes).

Electrical vehicles and charging stations roll-out in Valencia - First Version

Subtask 2.5.1 ETRA will provide a study about the deployment of 72 eV charging points to support the present e-vehicles public network (e-buses, public e-cars, public e-bikes, etc.). The study will include not only the optimal placements of the charging points, but also its impact in the city electric grid.

Urban platform Integration and Interoperatibility in Dresden - Final Version

Subtask 3.6.3 Definition of an interoperability test plan for Dresden's platform. The tests will allow Dresden's platform to fully interoperate with those from Valencia and Antalya.

Urban platform Integration and Interoperability in Antalya - First Version

Subtask 4.6.3 Definition of an interoperability test plan for Antalya's platform aiming at stablishing harmonized parameters so that Antalya’s platform can fully interoperate with those of Valencia and Dresden.

Public lightning in Valencia - First Version

Subtask 2.4.2 Etra will develop a report with specifications of the design and development of innovative smart lighting in Valencia, which integrates recharging points and tele-management features.

Local dissemination and transferability - Final Version

Subtasks 2.7.3Report on how Valencia will communicate the best practices at local, regional and national level, including Covenant of Mayors.

1st Report on public communication activities

Task 8.5 ICE will gather all the main communication activities carried out during the project in a single report at the end of the months 24, 48 and 60. The reports will include valuable information about the impact of the communication strategy and thus, of the capitalization of the results.

Replication plan, financial schemes and business models in Dresden

Subtasks 1.5.2-1.5.3Dresden, based on task 1.3 outputs, drafts a Plan identifying upcoming actions that can ensure the replication and upscaling of the studied technology, including its financial sustainability.

Recommendations to JRC-COMO-CoM

Task 7.4TEC will coordinate the commnunicatino with Covenenat of Mayors to assure the transfer of results obtained through the development of the City Transpormation Planning

New citizen's engagement strategies in Dresden - 2nd Version

Subtask 3.7.2 Design of local actions in Dresden to booster the participation of citizens in co-creation processes. It includes definitions not only of the co-creation process, but also of the analysis and management of data.

Project presentation video

Task 8.2.1 MAtchUp will count with a corporate video presenting the project to reinforce the project's identity. The objective is that MAtchup becomes easily understood by any audience through the video, which will contain animation and info-graphics to help to spread the message in an attractive and easy way.

Market analysis reports Final

Task 6.6First version of Market analysis will be review after analysing the results of the first report and address the challenges that cities might have found.

Improved concept of Energy Infrastructures at district-city level in Dresden - 1st Version

Subtasks 3.4.1 and 3.4.2 Dresden will define its innovative approach to energy infrastructures in Johannestadt district. The new approach will involve smart grids, district heating and district cooling with a focus on improving the performance and monitoring at district level.

2nd Analysis of impacts generated by Matchup C&D activities

Task 8.5 This report aims at analyzing in a quantitative way the impact of all communication and dissemination activities carried out during the life of the project. The objective is to get valuable conclusions about the replicability potential of the results analyzing the reached audience. This is the second report covering the period M19-M38

4th Analysis of impacts generated by Matchup C&D activities

Task 8.5This report aims at analyzing in a quantitative way the impact of all communication and dissemination activities carried out during the life of the project. The objective is to get valuable conclusions about the replicability potential of the results analyzing the reached audience. This is the final report covering the period M49-M60

Report on the supervision of the open specification and open data requirements in the ICT platforms

Subtask 5.4.3 VTT will implement a test to assure that the new modules developed to improve the Urban Platforms of the three demos duly interact with

the other platforms and software in an optimal way.

Results on Collaboration with other EU Projects (lighthouse, NBS) and initiatives and other networks of cities - First Version

Tasks 7.3, 7.5 and 7.6 ICE will gather the main achievements obtained from the close collaboration with other EU projects and networks, specially Lighthouse and NBS projects. The objetive is to share knowledge to improve the replication protential of MAtchUp results in terms of methodologies, business models, evaluations systems, etc.

Recommendations to the SEAP/SECAP evaluation framework

Task 5.10Guidelines to improve the collaboration and exchange of good practices with Covenant of Mayors in order to improve the SEAP , as well as to facilitate the transtition from SEAPs to SECAPs

New Concept of high performance district in Dresden - First Version

Subtask 3.3.1 Definitions of interventions focused on achieving high energy efficiency rates in Johannstadt district in Dresden. The actions include extensive retrofitting and new constructions actions.

Electrical vehicles and charging stations roll-out in Dresden - First Version

Subtask 3.5.1 Description of replacement plan of 100% of municipal fleet for electrical vehicles. It includes the integration of the infrastructure in smart grid.

Report on supply-side scenarios characterisation: smart city technology packages

Subtask 1.3.1 Cartif will be responsible of the report on characterization of the supply chain of the technology suppliers. The report will allow cities to assess the replicability potential of the technologies and their related business models.

Simulation models of the building stock, energy system, transportation, urban infrastructures in Valencia - First Version

Subtask 2.1.1 To define baseline information, simulation models will be run by ITE to carry out a high quality impact assessment. The simulation will take into account all areas covered by MAtchUP, such as building, energy systems, mobility infrastructures and available data sets.

Simulation models of the building stock, energy system, transportation, urban infrastructures - Final Version

Subtask 2.1.1 To define baseline information, simulation models will be run by ITE to carry out a high quality impact assessment. The simulation will take into account all areas covered by MAtchUP, such as building, energy systems, mobility infrastructures and available data sets.

Improved concept of Energy Infrastructures at district-city level in Antalya - First Version

Subtasks 4.4.1, 4.4.3, 4.4.4 DEM will define the specification of technical integration of RES in different grids, including heating and cooling network of Antalya and energy from waste management.

Replication plan, financial schemes and business models in Skopje

Subtasks 1.5.2-1.5.3Skopje, based on task 1.3 outputs, drafts a Plan identifying upcoming actions that can ensure the replication and upscaling of the studied technology, including its financial sustainability.

Electrical vehicles and chrging stations roll-out in Valencia - Final Version

Subtask 2.5.1ETRA will provide a study about the deployment of 72 eV charging points to support the present e-vehicles public network (e-buses, public e-cars, public e-bikes, etc.). The study will include not only the optimal placements of the charging points, but also its impact in the city electric grid.

Dissemination and Communication Plan - 2nd Version

Task 8.1 ICE will update the Dissemination and Communication plan with new objectives, tools and aproaches that might appear after the firs 18 months of the project

2nd Report on dissemination activities, workshops and events

Task 8.5ICE, as part of the monitoring of the communication impact, will issue 3 reports on months 24, 48 and 60 to show the main outputs of workshops, events, and any other dissemination events. The report is not only a list of actions done, but an assessment of the impact of the project in such audiences during the covered period.

Electrical vehicles and charging stations roll-out in Dresden - Final Version

Subtask 3.5.1Description of replacement plan of 100% of municipal fleet for electrical vehicles. It includes the integration of the infrastructure in smart grid.

Valencia Lighthouse interventions detailed definition - First Version

Subtask 2.1.1 Valencia, based in outcomes of WP1, will better define its actions taking into account technical, financial and social aspects (including co-creation processes).

Local dissemination and transferability in Dresden - First Version

Subtask 3.7.3 Communication strategy and design of dissemination actions to achieve the involvement of citizens in co-creations processes.

Dissemination and Communication Plan - Final Version

Task 8.1 Final version of the Dissemination and Communication Plan

Strategies, policies and financial mechanisms that cities can adopt to effectively involve stakeholders in the implementation of their plans and actions

Task 6.3 Ubiefe will provide cities with tools (strategies, policies and financial mechanisms) that they can adopt to effectively involve stakeholders in the implementation of their plans and actions. The objective is that Cities successfully deploy co-creation activities as valuable source of information for the actions' design and implementation.

Urban platform Integration and Interoperability in Valencia - First Version

Task 2.6.3 Definition of interoperability tests for VLCi Platform that can assure the full interoperability of its modules with the platforms of Antalya and Dresden.

MAtchUP Innovation Handbook

Subtask 8.3.2Both electronic and printable, this format will provide information about the urban transformation strategies implemented in the lighthouse cities.

Review of business models and financial instrument

Task 6.1 In order to improve the business model evaluation, Ubiefe will review the approaches related to monetization of externalities and intangible outputs issued from the demonstration actions.

Public lightning in Dresden - First Verstion

Subtasks 3.4.3 Description of the innovative lightning system to be implemented in Dresden, which aims at integrating RES, charging spots and billing systems.

New Services on sustainable mobility in Valencia (last mile, logistics, urban freight, ITS) - First Version

Subtask 2.5.2 ETRA will define innovative solutions and measures to boost the e-mobility in Valencia. It includes e-vehicles, but also multimodal hubs, smart logistics solutions, parking lots smart management, etc.)

New policies on Dresden city council - Final Version

Subtask 3.7.1Report of how to redefine city policies in Dresden and improve the present ones to achieve better results. A specific objective is provide the characterization of a single window desk for retrofitting.

New citizens' engagement strategies in Dresden - First Version

Subtask 3.7.2 Design of local actions in Dresden to booster the participation of citizens in co-creation processes. It includes definitions not only of the co-creation process, but also of the analysis and management of data.

Report on demand-side scenarios characterisation: smart city strategies

Subtask 1.5.1 Technalia will provide the needed tools, methods and indicators to assess how improve smart city strategies of the frontrunner cities. The strategy

will measure de impact in different horizontal domains as environment, economy, social, etc.

Baseline of Antalya demonstration

Subtask 4.2.2Definition of baselines with which monitor and evaluate the performance indicators of the actions.

Technical evaluation

Task 5.6VTT, with the support and involvement of all frontrunner cities, will develop a methodology to assess the performance of all solutions deployed in the pilot actions. The indicators will represent 5 mayor themes: people, planet, prosperity, governance and propagation. All of them defined in CITYKeys initiative.

New Services on sustainable mobility (last mile, logistics, urban freight, ITS) in Dresden - First Version

Subtask 3.5.2 Dresden will define innovative solutions and measures to boost the e-mobility in the city. It includes e-vehicles, but also multimodal hubs, smart logistics solutions, parking lots smart management, etc.

New citizens' engagement strategies in Dresden - Final Version

Subtask 3.7.2 Design of local actions in Dresden to booster the participation of citizens in co-creation processes. It includes definitions not only of the co-creation process, but also of the analysis and management of data.

Review of barriers and solutions to overcome them

Task 6.2 UBIEFE, with the support of INN, VAL, TUD, ANT and DEM, will analyze those factors that have a positive and/or negative impact on business models. The report will cover both quantitative and qualitative information. The final objective is that Lighthouses cities find out the main success and failure factors.

New Policies on Antalya city council - Final Version

Subtask 4.7.1Report of how to redefine city policies in Antaliya and improve the present ones to achieve better results. A specific objective is provide the characterization of a single window desk for retrofitting

Local dissemination and transferability in Antalya - Final Version

Subtask 4.7.3Report of how Antalya will communicate the best practices at local, regional and national level, including Convenant of Mayors.

Valencia Lighthouse interventions detailed definition - Final Version

Subtask 2.1.1 Valencia, based in outcomes of WP1, will better define its actions taking into account technical, financial and social aspects (including co-creation

processes).

Public Lightning in Dresden - Final Version

Subtasks 3.4.3Description of the innovative lightning system to be implemented in Dresden, which aims at integrating RES, charging spots and billing systems.

Improved concept of Energy Infrastructures at district-city level in Valencia - Final Version

Subtasks 2.4.1 and 2.4.3ITE will provide a report on how RES integration and storage will be done in Valencia pilot actions. It includes the integration of RES into smart grids, public lighting and clean energy generation.

Simulation models of the building stock, energy system, transportation, urban infrastructures in Dresden - Final Version

Subtask 3.1.2 To define baseline information, simulation models will be run by Dresden to carry out a high quality impact assessment. The simulations will take into account all areas covered by MAtchUP: building, mobility, data and energy efficiency.

Urban platform adaptation specifications in Dresden - 2nd Version

Subtask 3.6.1 Description of the specifications that Dresden's platform needs to assure open data operability, as well as open APIS. The document will assure that Dresden's platform will be fed with data from multiple variable resources following open data specifications.

3rd Analysis of impacts generated bt Matchup C&D activities

Task 8.5This report aims at analyzing in a quantitative way the impact of all communication and dissemination activities carried out during the life of the project. The objective is to get valuable conclusions about the replicability potential of the results analyzing the reached audience. This is the third report covering the period M37 - M48

Antalya Lighthouse interventions detailed definition - First Version

Subtask 4.1.1 Antalya, based in outcomes of WP1, will better define its actions taking into account technical, financial and social aspects (including co-creation processes).

Urban platform Integration and Interoperability in Dresden - First Version

Subtask 3.6.3 Definition of an interoperability test plan for Dresden's platform. The tests will allow Dresden's platform to fully interoperate with those from Valencia and Antalya.

Economic evaluation framework

Task 5.2 UBIEFE will develop the economic evaluation framework to help partners involved in business cases definition to achieve coherent results. The

evaluation framework will provide tools to analyze complex financial schemes and assess how they fit with city needs.

Recommendations to SCIS and CITYKeys

Task 5.9VTT will provide standard parameters to identify the most replicable solutions issued from MAtchUP. The aims is to be able to share such solutions with initiatives as SCIS and CITYKeys.

Replication plan, financial schemes and business models in Valencia

Subtasks 1.5.2-1.5.3Valencia, based on task 1.3 outputs, drafts a Plan identifying upcoming actions that can ensure the replication and upscaling of the studied technology, including its financial sustainability.

New citizens' engagement strategies in Valencia - First Version

Subtask 2.7.1 KVeloce will develop a strategy to achieve the involvement of stakeholders in the co-creation processes of Valencia demonstration actions. It will include existing platforms and new tool to offer a toolkit to boost the citizen's participation.

Simulation models of the building stock, energy system, transportation, urban infrastructures in Antalya - First Version

Subtask 4.2.1 To define baseline information, simulation models will be run by DEM to carry out a high quality impact assessment.

New citizens' engagement strategies - 2nd Version

Subtask 2.7.1 KVeloce will develop a strategy to achieve the involvement of stakeholders in the co-creation processes of Valencia demonstration actions. It will include existing platforms and new tool to offer a toolkit to boost the citizen's participation.

New concept of high performance district in Dresden - Final Version

Subtask 3.3.1 Definitions of interventions focused on achieving high energy efficiency rates in Johannstadt district in Dresden. The actions include extensive retrofitting and new constructions actions.

Urban platform Integration and Interoperatibility - 2nd Version

Subtask 3.6.3 Definition of an interoperability test plan for Dresden's platform. The tests will allow Dresden's platform to fully interoperate with those from Valencia and Antalya.

New citizens' engagement strategies in Antalya - First Version

Subtask 4.7.2 Antalya will develop a strategy to achieve the involvement of stakeholders in the co-creation processes.

New citizens' engagement strategies in Antalya - Final Version

Subtask 4.7.2 Antalya will develop a strategy to achieve the involvement of stakeholders in the co-creation processes.

PageFlows - 3

Subtask 8.3.2A page-flow is a digital story-telling tool, enabling to incorporate many editorial formats. 3 of them will be produced aiming at showing in a narrative way how the results can become real solutions in the real life.

Technical evaluation procedure

Task 5.1 VTT will develop a technical evaluation procedure to assess the performance of all technical solutions implemented in the demonstrations' actions. It will use the indicators defined by CITYKeys initiative: People, Planet, Prosperity, Governance and Propagation.

New Concept of high performance district in Antalya - First Version

Subtasks 4.3.1 - 4.3.4 Antalya will define its innovative approach to retrofitting, new constructions and smart housing in Antalya District.

Local dissemination and transferability in Antalya - First Version

Subtask 4.7.3 Report of how Antalya will communicate the best practices at local, regional and national level, including Convenant of Mayors.

New Services on sustainable mobility (last mile, logistics, urban freight, ITS) in Antalya - Final Version

Subtask 4.5.2Antalya will provide specifications of the new services on sustainable mobility, including multimodal hubs, integrations e-bikes with light rail and last mile e-mobility.

3rd Report on public communication activities

Task 8.5ICE will gather all the main communication activities carried out during the project in a single report at the end of the months 24, 48 and 60. The reports will include valuable information about the impact of the communication strategy and thus, of the capitalization of the results.

Replication plan, financial schemes and business models in Kerava

Subtasks 1.5.2-1.5.3Kerava, based on task 1.3 outputs, drafts a Plan identifying upcoming actions that can ensure the replication and upscaling of the studied technology, including its financial sustainability.

Project website

Subtask 8.2.2 MatchUp will have a project website as main communication channel. Beyond communication purposes, the website will have an active role in

the cooperation with other projects, improving then the impact of the collaboration activities.

Video News Releases

Subtask 8.4.23 Video News Releases will be produced. The objective is to count with an attractive channel to communicate the most innovative aspects and progress of the project. The video format will allow to exploit the information in any targeted audiovisual platform included in the Communication Plan.

Urban platform integration and Interoperativity - 2nd Version

Subtask 2.6.1 Report on the characteristics that the Urban Platform of Valencia (VLCi platform) should include to adapt it to open data, open APIs and data integration requirements.

Urban platform adaptation specifications in Antalya - First Version

Subtasks 4.6.1 Description of the specifications that Antalya's platform needs to assure open data operability, as well as open APIS.

Baseline of Valencia demonstration

Subtask 2.2.2 Definition of baselines with which monitor and evaluate the performance indicators of the actions. The baseline will be fed by outcomes of task 2.2.1 and evaluation framework designed in WP5.

Urban platform adaptation specifications in Dresden - First Version

Subtask 3.6.1 Description of the specifications that Dresden's platform needs to assure open data operability, as well as open APIS. The document will assure that Dresden's platform will be fed with data from multiple variable resources following open data specifications.

3rd Report on dissemination activities, workshops and events

Task 8.5ICE, as part of the monitoring of the communication impact, will issue 3 reports on months 24, 48 and 60 to show the main outputs of workshops, events, and any other dissemination events. The report is not only a list of actions done, but an assessment of the impact of the project in such audiences during the covered period.

Simulation models of the building stock, energy system, transportation, urban infrastructures in Dresden - First Version

Subtask 3.1.2 To define baseline information, simulation models will be run by Dresden to carry out a high quality impact assessment. The simulations will take into account all areas covered by MAtchUP: building, mobility, data and energy efficiency.

Improved concept of Energy Infrastructures at district-city level in Dresden - Final Version

Subtasks 3.4.1 and 3.4.2 Dresden will define its innovative approach to energy infrastructures in Johannestadt district. The new approach will involve smart grids, district heating and district cooling with a focus on improving the performance and monitoring at district level.

Market analysis reports First Release

Task 6.6 First version of Market analysis, including barriers, players and competition. The analysis will be based on desk research of existing data complemented by other direct sources (interviews, surveys, etc.)

Social evaluation

Task 5.8Based on the framework developed in task 5.3, KVeloce will provide an evaluation of the social impact. The evaluation aims at defining replications strategies in different socio-cultural EU scenarios

2nd Report on public communication activities

Task 8.5ICE will gather all the main communication activities carried out during the project in a single report at the end of the months 24, 48 and 60. The reports will include valuable information about the impact of the communication strategy and thus, of the capitalization of the results.

New concept of high performance district in Antalya- Final Version

Subtasks 4.3.1 - 4.3.4 Antalya will define its innovative approach to retrofitting, new constructions and smart housing in Antalya District.

Urban platform adaptation specifications in Valencia - First Version

Subtask 2.6.1 Report on the characteristics that the Urban Platform of Valencia (VLCi platform) should include to adapt it to open data, open APIs and data integration requirements.

Replication plan, financial schemes and business models in Ostend

Subtasks 1.5.2-1.5.3Ostend, based on task 1.3 outputs, drafts a Plan identifying upcoming actions that can ensure the replication and upscaling of the studied technology, including its financial sustainability.

Report on indicators, tools and methods for advanced city modelling and diagnosis

Subtask 1.1.1 Technalia will provide indicators, tools and methodology so that the city can categorize several urban scenarios and priorities their needs in strategic city areas. Indicators and tools will include numeric and semantic information sources.

Public lightning in Antalya - Final Version

Subtask 4.4.2Antalya will define the technical aspects of the development of smart lighting systems which include the replacement of traditional bulbs for

innovative LED lighting.

Dresden Lighthouse interventions detailed definition - First Version

Subtask 3.1.1 Dresden, based in outcomes of WP1, will better define its actions taking into account technical, financial and social aspects (including co-creation processes).

New citizens' engagement strategies in Antalya - 2nd Version

Subtask 4.7.2 Antalya will develop a strategy to achieve the involvement of stakeholders in the co-creation processes.

New Services on sustainable mobility (last mile, logistics, urban freight, ITS) in Antalya - First Version

Subtask 4.5.2 Antalya will provide specifications of the new services on sustainable mobility, including multimodal hubs, integrations e-bikes with light rail and last mile e-mobility.

New Polices on Valenca city Council - Final Version

Subtask 2.7.1Report on how to redefine city policies in Valencia and improve the present ones with a focus on innovative initiatives of employment

New Concept of high performance district in Valencia - First Version

Task 2.3 Valencia will define its innovative approach to retrofitting, new constructions and smart controls actions in Cabanyal District. The objective is to improve the energy at district level.

Replication plan, financial schemes and business models in Herzliya

Subtasks 1.5.2-1.5.3Herzliya, based on task 1.3 outputs, drafts a Plan identifying upcoming actions that can ensure the replication and upscaling of the studied technology, including its financial sustainability.

Antalya Lighthouse interventions detailed definition - Final Version

Subtask 4.1.1 Antalya, based in outcomes of WP1, will better define its actions taking into account technical, financial and social aspects (including co-creation processes).

1st Report on dissemination activities, workshops and events

Task 8.5 ICE, as part of the monitoring of the communication impact, will issue 3 reports on months 24, 48 and 60 to show the main outputs of workshops, events, and any other dissemination events. The report is not only a list of actions done, but an assessment of the impact of the project in such audiences during the covered period.

MAtchUP Network of Interest: members, structure and calendar of activities

Task 7.2 Identification of those networks and entities with which collaborate. The document will also include an event agenda and collaboration strategy

Results on collaboration with other EU projects (lighthouse, NBS) and initiatives and other networks of cities - Final version

Tasks 7.3, 7.5 and 7.6ICE will gather the main achievements obtained from the close collaboration with other EU projects and networks, specially Lighthouse and NBS projects. The objetive is to share knowledge to improve the replication protential of MAtchUp results in terms of methodologies, business models, evaluations systems, etc.

Project flyer

Subtask 8.2.1 As part of the visual identity, the project will count with a flyer describing the general objectives and the innovative aspects of the project.

Urban Platform Integration and Interoperability in Antalya - 2nd Version

Subtask 4.6.3 Definition of an interoperability test plan for Antalya's platform aiming at stablishing harmonized parameters so that Antalya’s platform can fully interoperate with those of Valencia and Dresden.

Matchup collaboration roadmap - Final version

Task 7.1 Final version of the roadmap delivered by TEC defining objectives, activites and management procedures related to collaboration of MAtchUp with other cities

Social acceptance evaluation framework

Task 5.3 KVeloce will develop provide a framework combining existing indicators with psychosocial factors of the actors involved (values, motivation, social influence, etc.

Electrical vehicles and charging stations roll-out in Antalya - First Version

Subtask 4.5.1 ANT will define the replacement strategy of its municipal fleet, including the deployment of electrical chargers.

Urban Platform adaptation specifications in Antalya - Final Version

Subtasks 4.6.1 Description of the specifications that Antalya's platform needs to assure open data operability, as well as open APIS.

New Services on sustainable mobility (last mile, logistics, urban freight, ITS) in Dresden - Final Version

Subtask 3.5.2Dresden will define innovative solutions and measures to boost the e-mobility in the city. It includes e-vehicles, but also multimodal hubs, smart logistics solutions, parking lots smart management, etc.

New Concept of high performance district in Valencia - Final Version

Task 2.3 Valencia will define its innovative approach to retrofitting, new constructions and smart controls actions in Cabanyal District. The objective is to improve the energy at district level.

Improved concept of Energy Infrastructures at district-city level in Valencia - First Version

Subtasks 2.4.1 and 2.4.3 ITE will provide a report on how RES integration and storage will be done in Valencia pilot actions. It includes the integration of RES into smart grids, public lighting and clean energy generation.

Local dissemination and transferability in Dresden - Final Version

Subtask 3.7.3Communication strategy and design of dissemination actions to achieve the involvement of citizens in co-creations processes.

Urban Platform adaptation specifications in Antalya - 2nd Version

Subtasks 4.6.1 Description of the specifications that Antalya's platform needs to assure open data operability, as well as open APIS.

Local dissemination and transferability in Valencia - First Version

Subtasks 2.7.3 Report on how Valencia will communicate the best practices at local, regional and national level, including Covenant of Mayors.

Public lightning in Antalya - First Version

Subtask 4.4.2 Antalya will define the technical aspects of the development of smart lighting systems which include the replacement of traditional bulbs for innovative LED lighting.

Public lightning in Valencia - Final Version

Subtask 2.4.2Etra will develop a report with specifications of the design and development of innovative smart lighting in Valencia, which integrates recharging points and tele-management features.

Report on upgrading/adaptation potential of SECAPs to the advanced urban transformation planning, implementation and monitoring

Task 1.6Report on how MAtchUp contributes on Covenant of Mayors objectives of each city related to their SEAP/SECAPS. It will assess the synergies between MAtchUP's strategy and Covenant of Mayors requirement about how to adapt SEAP to SECAP.

Electrical vehicles and charging stations roll-out in Antalya - Final Version

Subtask 4.5.1ANT will define the replacement strategy of its municipal fleet, including the deployment of electrical chargers.

Urban platform adaptation specifications in Dresden- Final Version

Subtask 3.6.1 Description of the specifications that Dresden's platform needs to assure open data operability, as well as open APIS. The document will assure that Dresden's platform will be fed with data from multiple variable resources following open data specifications.

Baseline of Dresden demonstration

Subtask 3.2.2 Definition of baselines with which monitor and evaluate the performance indicators of the actions. The definitions will be drafted after running the simulation in task 3.2.1 and using the evaluation framework issued from WP5.

Replication plan, financial schemes and business models in Antalya

Subtasks 1.5.2-1.5.3Antalya, based on task 1.3 outputs, drafts a Plan identifying upcoming actions that can ensure the replication and upscaling of the studied technology, including its financial sustainability.

Dissemination and Communication Plan - First Version

Task 8.1 ICE will deliver the Dissemination and Communication plan with the objective of supporting the vision and results of the project so that it becomes stronger and can reach a large scale based on well defined communication strategy. This document is a first version which will be updated in M18 and M36.

MAtchUP collaboration roadmap - 1st Version

Task 7.1 First version of the roadmap delivered by TEC defining objectives, activites and management procedures related to collaboration of MAtchUp with other cities

Improved concept of Energy Infrastructures at district-city level in Antalya - Final Version

Subtasks 4.3.1 - 4.3.4 Antalya will define its innovative approach to retrofitting, new constructions and smart housing in Antalya District.

New citizens' engagement strategies - Final version

Subtask 2.7.1 KVeloce will develop a strategy to achieve the involvement of stakeholders in the co-creation processes of Valencia demonstration actions. It will include existing platforms and new tool to offer a toolkit to boost the citizen's participation.

Guidelines and framework for the use of innovative financial instruments and to design business models

Task 6.4UBIEFE will provide a methodology to design innovative business models including their associated financing mechanism. This methodology is a result of the assessment of the case studies of the lighthouse cities

Simulation models of the building stock, energy system, transportation, urban infrastructures in Antalya - Final Version

Subtask 4.2.1 To define baseline information, simulation models will be run by DEM to carry out a high quality impact assessment.

Urban platform Integration and Interoperability in Antalya - Final Version

Subtask 4.6.3 Definition of an interoperability test plan for Antalya's platform aiming at stablishing harmonized parameters so that Antalya's platform can fully interoperate with those of Valencia and Dresden.

1st Analysis of impacts generated by MAtchUP C&D activities

Task 8.5 This report aims at analyzing in a quantitative way the impact of all communication and dissemination activities carried out during the life of the project. The objective is to get valuable conclusions about the replicability potential of the results analyzing the reached audience. This is the first report covering the period M1-M18.

Urban platform adaptation specifications - 2nd Version

Subtask 2.6.1 Report on the characteristics that the Urban Platform of Valencia (VLCi platform) should include to adapt it to open data, open APIs and data integration requirements.

Publications

Autres (1)

Strategies, policies and financial mechanisms that cities can adopt to effectively involve stakeholders in the implementation of their plans and actions -

Auteurs: Edoardo Croci, Tania Molteni
Publié dans: GREEN Research Report Nr. 12 - September 2023, Numéro SEPTEMBER 2023, 2023
Éditeur: Università Bocconi

Articles approuvés par les pairs (7)

Methodology for integrated modelling and impact assessment of city energy system scenarios

Auteurs: Iñigo Muñoz, Patxi Hernández, Estíbaliz Pérez-Iribarren, Juan Pedrero, Eneko Arrizabalaga, Nekane Hermoso
Publié dans: Energy Strategy Reviews, 2020, ISSN 2211-467X

Éditeur: Elsevier
DOI: 10.1016/j.esr.2020.100553

How can cities effectively contribute towards decarbonisation targets? A downscaling method to assess the alignment of local energy plans with national strategies
Auteurs: Iñigo Muñoz, Patxi Hernández, Estibaliz Pérez-Iribarren, Diego García-Gusano, Eneko Arrizabalaga
Publié dans: Energy Strategy Reviews, Numéro Volume 49, September 2023, 101137, 2023, ISSN 2211-467X
Éditeur: Elsevier
DOI: 10.1016/j.esr.2023.101137

An approach for selecting optimal locations for electric vehicle solar charging stations
Auteurs: Sinem Hisoglu, Anu Tuominen, Aapo Huovila
Publié dans: IET Smart Cities, Numéro Volume 5, Numéro 2 p. 123-134, 2023, Page(s) 123-134, ISSN 2631-7680
Éditeur: John Wiley & Sons Ltd on behalf of The Institution of Engineering and Technology
DOI: 10.1049/smc2.12058

Comparative analysis of standardized indicators for Smart sustainable cities: What indicators and standards to use and when?
Auteurs: Aapo Huovila, Peter Bosch, Miimu Airaksinen
Publié dans: Cities, Numéro 89, 2019, Page(s) 141-153, ISSN 0264-2751
Éditeur: Pergamon Press Ltd.
DOI: 10.1016/j.cities.2019.01.029

Open standards for the Internet of Things
Auteurs: M. Ángeles Simarro, Paola Guzmán, M. Ángeles Rodríguez, Pau Arce, Gema Piñero, Alberto Gonzalez, Juan Carlos Guerrero
Publié dans: [Waves] 2018 Year 10, Numéro Year 10, 2018, Page(s) 5-14, ISSN 1889-8297
Éditeur: iTEAM-Universitat Politècnica de València

Business Models for Smart City Solutions: an Overview of Main Archetypes
Auteurs: Edoardo Croci, Tania Molteni
Publié dans: International Journal of Urban Planning and Smart Cities (IJUPSC), Numéro Volume 2 • Numéro 2 • July-December 2021, 2021, Page(s) Pages: 16, ISSN 2644-1659
Éditeur: IGI Publishing
DOI: 10.4018/ijupsc.2021070106

FIWARE based low-cost wireless acoustic sensor network for monitoring and classification of urban soundscape

Auteurs: Pau Arce, David Salvo, Gema Piñero, Alberto Gonzalez
Publié dans: Computer Networks, Numéro Volume 196, 4 September 2021, 108199, 2021, ISSN 1389-1286
Éditeur: Elsevier BV
DOI: 10.1016/j.comnet.2021.108199

Chapitres d'ouvrage (2)

Smart Home Study Within the Scope of Urban Transformation Project: Case of MAtchUP Antalya Project
Auteurs: Neşe Özçandır, Sevim Ateş Can
Publié dans: Innovations in Smart Cities Applications Volume, Numéro First Online: 03 March 2022, 2021, ISSN 2194-5357
Éditeur: Springer
DOI: 10.1007/978-3-030-94191-8_3

"""Green business models per le Smart Cities"""
Auteurs: Edoardo Croci, Tania Molteni
Publié dans: """Smart city: l'evoluzione di un'idea"", edited by Giuseppe Franco Ferrari", Numéro Book, 2020, Page(s) 409-521, ISBN 9788-857566597
Éditeur: Mimesis edizioni

Monographies (1)

City-Level Evaluation: Categories, Application Fields and Indicators for Advanced Planning Processes for Urban Transformation
Auteurs: Carla Rodríguez Alonso, Cecilia Sanz Montalvillo, Estefanía Vallejo Ortega, Ana Quijano
Publié dans: Smart and Sustainable Planning for Cities and Regions. SSPCR 2019, Numéro Smart and Sustainable Planning for Cities and Regions. SSPCR 2019, 2021, ISSN 1865-3537
Éditeur: https://www.springer.com
DOI: 10.1007/978-3-030-57332-4_2

Ensemble de données

Ensemble de données via OpenAIRE (1)

Valencia Demo Site KPIs

Auteurs: MAtchUP - Valencia Demo Site
Publié dans: Zenodo

Dernière mise à jour: 11 Novembre 2024

Permalink: https://cordis.europa.eu/project/id/774477/results/fr