

How are EU urban initiatives and actions supporting Green, Just and Productive Cities in the EU?

The Green City dimension

27 September | 14:00 CEST



Welcome and introduction

Agnese Macaluso | Technical Secretariat & Moderator

Pia Laurila | DG REGIO, European Commission



AGENDA

| Time | Session |
|---------------|--|
| 14:00 - 14:05 | Welcome and introduction <ul style="list-style-type: none">• Agnese Macaluso, Urban Agenda for the EU Technical Secretariat – session moderator• Pia Laurila, Policy Officer, Territorial and urban development policy, DG REGIO, European Commission |
| 14:05 – 14:35 | PART 1: Dynamics and solutions around UAEU Actions and other EU initiatives <ul style="list-style-type: none">• Marino Cavallo, Head of Department of Research, Innovation and EU Projects, City of Bologna, Italy• Valerio Barberis, Councilor for urban planning and environment, City of Prato, Italy• Ana Bretaña, Urban Regeneration unit, Nasuvinsa, Region of Navarra |
| 14:35 – 14:50 | Concluding remarks <ul style="list-style-type: none">• Eleni Feleki, Urban sustainability expert and Lead Expert of the URGE Network, URBACT Q&A with participants |
| 14:50 – 15:20 | PART 2: Future EU opportunities towards productive cities <ul style="list-style-type: none">• Maria YEROYANNI, Senior Expert Innovating Cities, DG Research and Innovation, European Commission• Ben Caspar, Policy Officer, Biodiversity, DG ENV, European Commission• Pia Laurila, Policy Officer, Territorial and urban development policy, DG REGIO, European Commission |
| 15:20 – 15:50 | Guided discussion (with all speakers) and Katerina Fortun , Policy Analyst, Adaptation to Climate Change, DG CLIMA, European Commission and Tim Caulfield , Director, UIA |
| 15:50 – 16:00 | Conclusion and main takeaways |

Please note that this event will be recorded.

Part 1 : Dynamics and solutions around UAEU Actions and other EU initiatives



Part 1 : Dynamics and solutions around UAEU Actions and other EU initiatives

Marino Cavallo | Head of Department of Research, Innovation and EU Projects, City of Bologna, Italy



Bologna as Smart and Sustainable City

- **Metropolitan City of Bologna (MCBO) wants intercepts the opportunities offered by its legislative and administrative framework, as well by the expressed commitment to the realization of internationally widely shared long-term objectives. Specifically, we expose one of the ways through which MCBO intends to develop one of the key dimensions of **Smart Sustainable Cities**, the empowerment of the of **human capital** in:**
 - *Synergies between Circular Economy aspects through the Metropolitan City of Bologna European Funds management*
 - *Sustainable, dialogic, interactive City model, capable of fostering and encouraging participation and learning from spontaneous and informal life practices of its inhabitants*
 - *Sustainability Assessment model of the Ecosystem services based on the relationship between Nature-Based Solution (NBS) and Smart Sustainable City for global environmental change*

«Technology Is The Answer But What Was The Question?» [Cedric Price 1979]

... Probably the question is **“How should we live?”**

«we already know how to feed the world, heat and cool our homes and cure many diseases. What we lack is the ability to **put our ideas into practice - to collaborate, share and learn from our mistakes. The areas where we most need to invest and invent are not just technological - they are human.**» [Carolyn Steel 2020]



This kind of **"investments"** in **innovation** and **new forms of collaboration** in MCBO is facilitated by the international and interregional cooperation made possible by its European projects

“The New Leipzig Charter. The transformative power of the cities for the common good” (2020)



- The “**Just City**” and the digitalization processes in local contexts as cross-sectorial trend affecting all dimensions of sustainable urban development
- The “**Green City**” (contributes to mitigate global warming and to high environmental quality for air, water, soil and land use)
- The “**Productive City**” (diversified economy which provides jobs while ensuring a sound financial base for sustainable urban development)

1. THE “JUST CITY” AND THE DIGITALIZATION PROCESSES IN LOCAL CONTEXTS AS CROSS-SECTORIAL TREND AFFECTING ALL DIMENSIONS OF SUSTAINABLE URBAN DEVELOPMENT



An alternative Smart city model is possible thanks to a Creative use of tech-solutions :

- Experiences of citizens participation
- Urban regeneration processes
- Paths of citizens involvement in local development choices
- Support community processes of new services activation (conceived by the users themselves)
- Different approaches for the development of urban cultural areas

Setting the local dimension in the European Green Deal

- The MCBO has created its new **Agenda 2.0 for Sustainable Development**, the first tool in Italy that translates the sustainable development objectives of the UN 2030 Agenda into local reality by including specific indicators and aligning itself with the objectives of the European Green Deal. We want create a synergy between the added value of the project and international urban cooperation e.g. through the promotion of joint studies to internationally compare successful good practices in the several urban contexts.
- The MCBO is trying to respond to a locally embedded global challenge: **to implement a sustainable use of natural resources in order to avoid potential dramatic environmental scenarios. This objective is able to bring win/win solutions between the results of the European projects carried out within the fields:**
 - I) *Green economy (NBS; Bio-Products; Conservation of Natural Resources);*
 - II) *Social innovation (Fair Social Relations; Sharing Economy; Local Communities Engagement);*
 - III) *Circular economy (Efficiency and Recycling Design and Production Systems).*

The MCBO “Agenda 2.0 for Sustainable Development” and its Metropolitan Strategic Plan (MSP)

The MCBO long-term attention to environmental issues is evident in the programmatic integration realized in determining the main sectorial policies (pillars) of MSP governance. These pillars consist in 1. Policies to let MCBO become more sustainable, responsible and attractive; 2. Urban and environmental regeneration; 3. Mobility; 4. Manufacture, new industry and training; 5. Culture, knowledge, creativity and sport; 6. Education and learning; 7. Health, welfare and wellbeing.

In particular, MSP 2.0 took into account the governance tools for “Urban and environmental regeneration” implemented since the preparation of the “*Agenda 2.0 for Sustainable Development*” specifically related to the actions supported within the MCBO management of European funds

2. THE “GREEN CITY (CONTRIBUTES TO MITIGATE GLOBAL WARMING AND TO HIGH ENVIRONMENTAL QUALITY FOR AIR, WATER, SOIL AND LAND USE)



Towards a green economy through: the exchange of good practices; training; support for creative and sustainable experiential tourism for the promotion and preservation of the natural and cultural heritage of territories; the proposal of solutions that, inspired by nature, manage to achieve excellent performance through the support provided to them by the natural elements themselves and that, at the same time, manage to increase the resilience of the contexts in which they operate, thanks to the social, environmental and economic benefits they provide

- ***GRESS: green start-ups and services for green enterprises***
- ***CREATURES and PRONACUL: The relationship between sustainable tourism, culture and creativity***
- ***SESAME: Training to promote green professions and update public and private technicians***
- ***CONNECTING NATURE: Nature-Based Solution and nature based enterprise for a green city where nature lives within it***



3. THE “PRODUCTIVE CITY” (DIVERSIFIED ECONOMY WHICH PROVIDES JOBS WHILE ENSURING A SOUND FINANCIAL BASE FOR SUSTAINABLE URBAN DEVELOPMENT)



Sustainability and the new concepts of the economy (green economy; circular economy; etc.) are the areas where the most concrete possibilities for renewing the production system and restarting the economy and consumption are now being played out



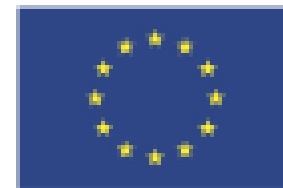
Thanks to its EU Project MCBO promotes new business models linked to the circular economy (Interreg Europe "CESME" project) and, in particular, within the agri-food chain (Interreg Europe "SinCE AFC" project), also by enhancing opportunities for matching local supply and demand for quality agricultural products with specific actions aimed at mountain districts, agricultural districts dedicated to organic farming (bio districts) and the network of local and farmers' markets



CESME - Circular Economy for SMEs

- **Programme:** Interreg Europe
- **Lifetime:** April 2018 – March 2020

CESME wanted to support small and medium-sized enterprises approaching the circular economy to do this the project developed a roadmap to achieve this goal, through the exchange of experiences on policies and tools to support SMEs, the identification of good practices, estimating the economic and social benefits, and the development of a White Book.



European Union
European Regional
Development Fund

SinCE-AFC: Enhancing the Entrepreneurship of SMEs in Circular Economy of the Agri-Food Chain

- **Programme:** Interreg Europe
- **Lifetime:** 01/08/2019 – 31/07/2023

Thanks to the SinCEAFC project – Interreg Europe program – the Metropolitan City of Bologna is contributing to the sustainable development of the excellence of its local agricultural system, involving SMEs in the Agri-Food Chain in the Circular Economy. Through the promotion of appropriate horizontal management and financial mechanisms, the project aims at improve policies to facilitate the adoption of measures to support innovation, derive knowledge and develop close collaboration among the European Circular Economy Network



European Union
European Regional
Development Fund

SinCE-AFC: fostering the matching local supply and demand for quality agricultural products with specific actions aimed at mountain districts, agricultural districts dedicated to organic farming (bio districts) and the network of local and farmers' markets

The project has carried out a context analysis of the Biodistrict of the Bolognese Apennines, highlighting how the agri-food enterprises of the territory complain about the scarce diffusion of local markets where they can sell their products. By creating a synergy between local agricultural and food enterprises, not only with the local farmers' markets but also with the local markets present in the metropolitan area, a wider range of consumers could be reached, increasing the sales potential thanks to the business models of the Circular Economy



Thank You!

Marino Cavallo

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Projects, Metropolitan City of Bologna, Italy

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PRATO CIRCULAR CITY

A Strategy for the Circular Economy at local level

Valerio Barberis | Municipality of Prato

How are EU urban initiatives and actions supporting Green, Just and Productive Cities in the EU?

27/09/2021



INTRODUCTION (1)

Prato Circular City (PCC) is the strategy of the City of Prato to:

- Promote the transition of the city towards the circular economy
- Strengthen the image of Prato as «circular city» and promote shared, integrated and participatory actions.
- Establish a permanent forum with the stakeholders of the territory to promote shared Circular economy actions and build a governance of circular city.



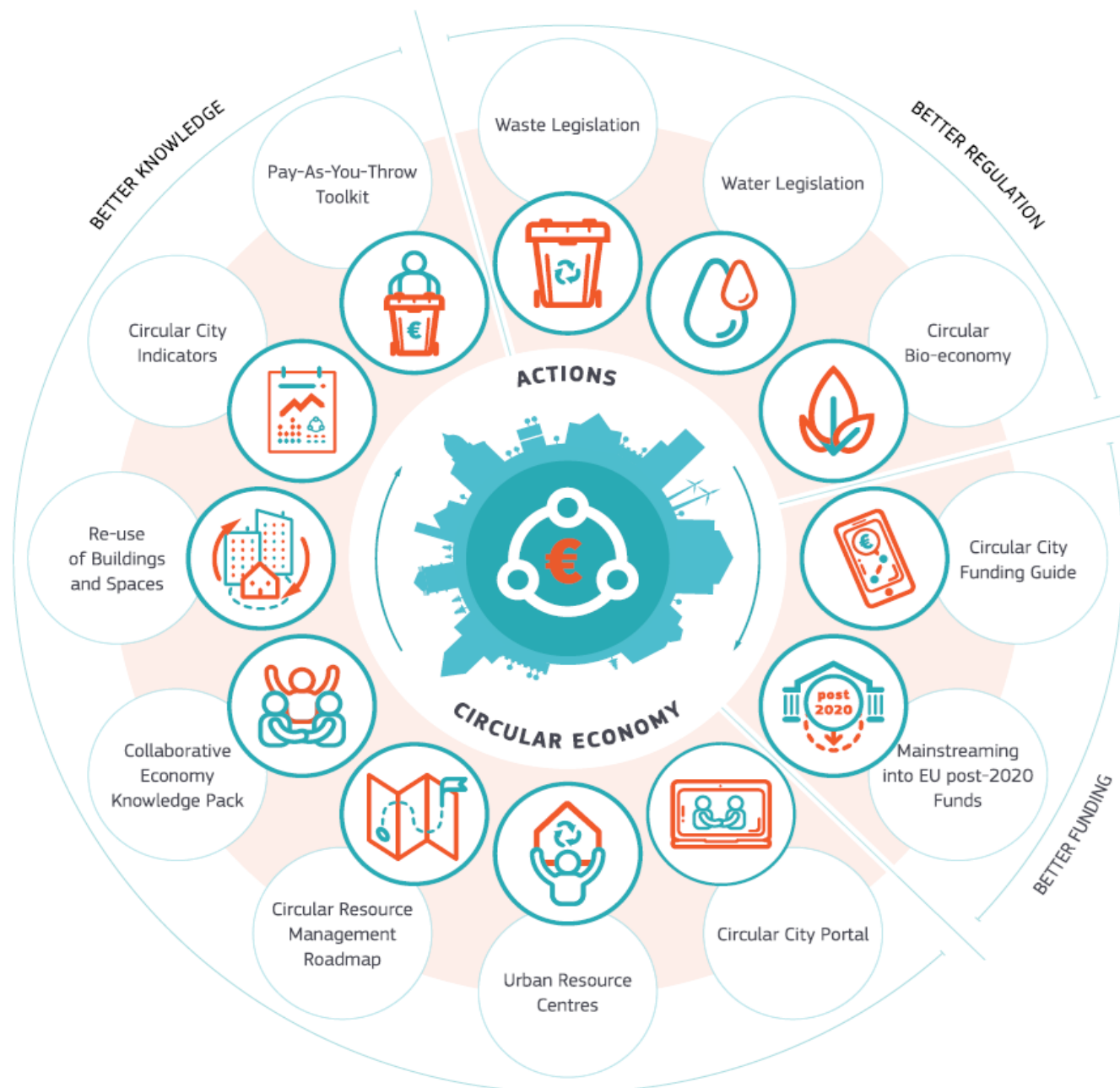
INTRODUCTION (2)

Starting from the experience gained within the EU Urban Agenda Partnership on Circular Economy, we plan to:

- Use the same working methodology at city and district level.
- Encourage participation, discussion, sharing.
- Broaden the vision to think about a **circular and integrated urban system**

where it is possible to accelerate the transition

The technical-scientific coordination of Prato Circular City is carried out by ARCO, a research group of PIN – University of Florence.



Actions implemented at EU level

Topic: **Water reuse**

Typology of action: **Better legislation**

Main result: **Position paper** on the reuse of treated wastewater in agriculture

→ Proposals for modification and improvement of the new European regulation on the reuse of water in agriculture



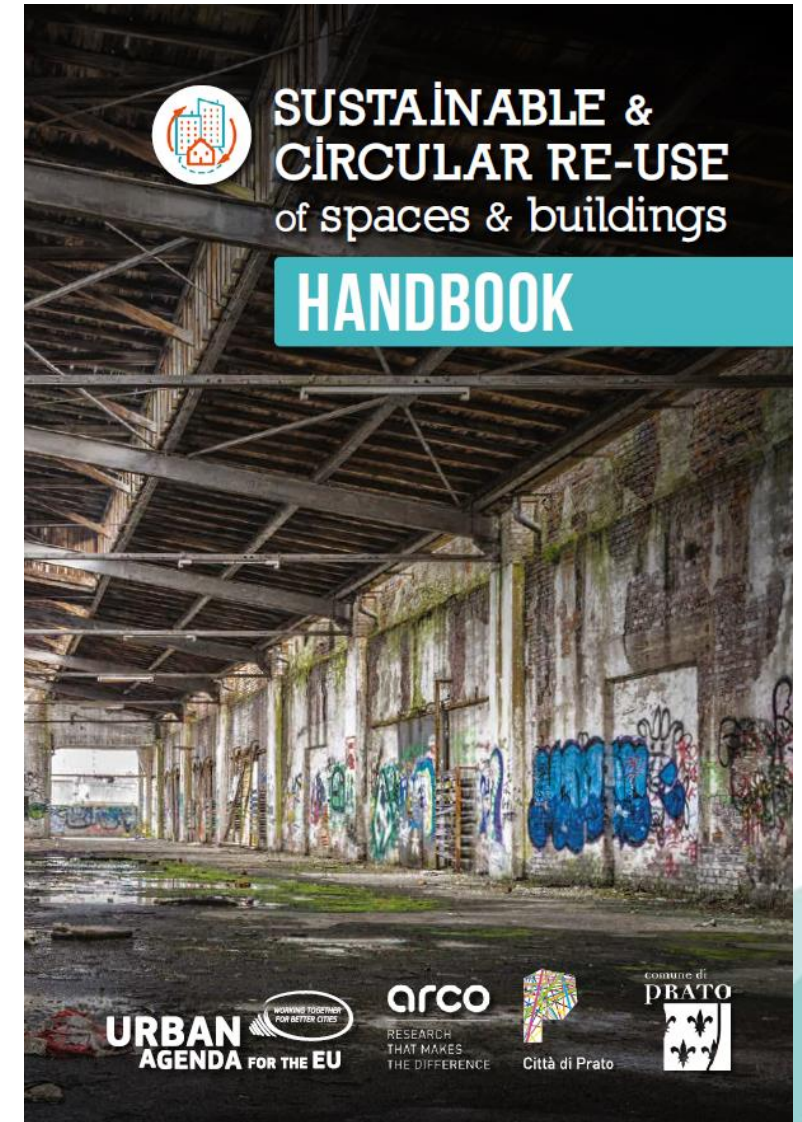
Actions implemented at EU level

Topic: **Reuse of spaces and buildings**

Tipology of action: **Better knowledge**

Main result: **Handbook** with good practices of sustainable reuse of buildings and spaces.
Temporary use of spaces and buildings. Proposal for an urban reuse agency.

Handbook available in English and Italian:
<https://ec.europa.eu/futurium/en/circular-economy/handbook-sustainable-and-circular-re-use-spaces-and-buildings>



Actions implemented at EU level

Topic: **Waste**

Typology of action: **Better knowledge**

Main result: **Publication of a toolkit** on operating methods for the management of punctual waste pricing.

LINK: <https://www.operate.it/payt/>



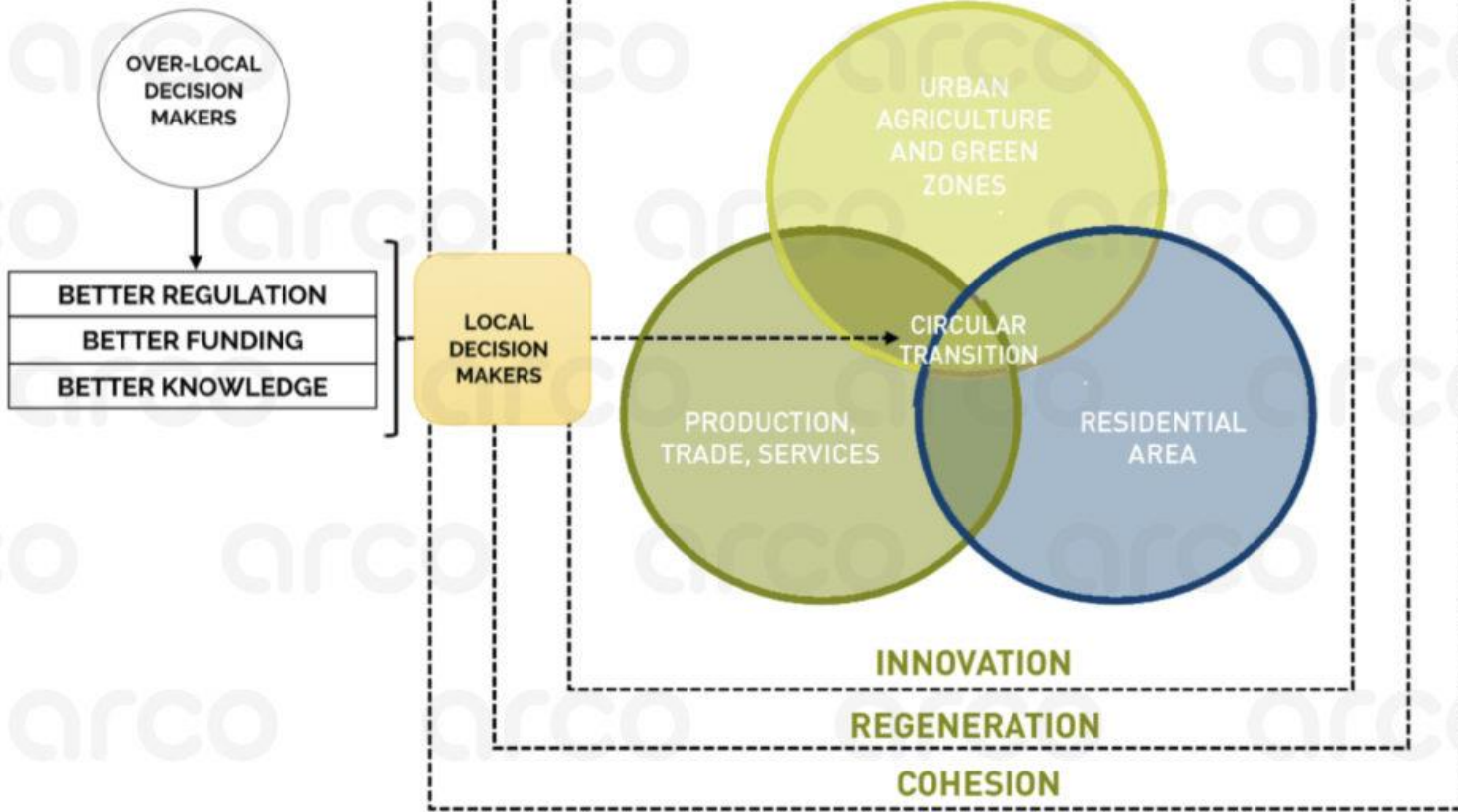




TABLE 1
Textile & Clothing District and
Industrial symbiosis



TABLE 2
Management of urban resources



TABLE 3
Circular consumption



TABLE 4
Sustainable urban agriculture systems



Thank you for your attention!



Prato
Circular
City

www.pratocircularcity.it



Part 1 : Dynamics and solutions around UAEU Actions and other EU initiatives

Ana Bretaña | Urban Regeneration unit, Nasuvinsa,
Region of Navarra, Spain





MLEI Efidistrict FWD Project

IEE/13/936/SI2.675074.

Txantrea neighborhood.

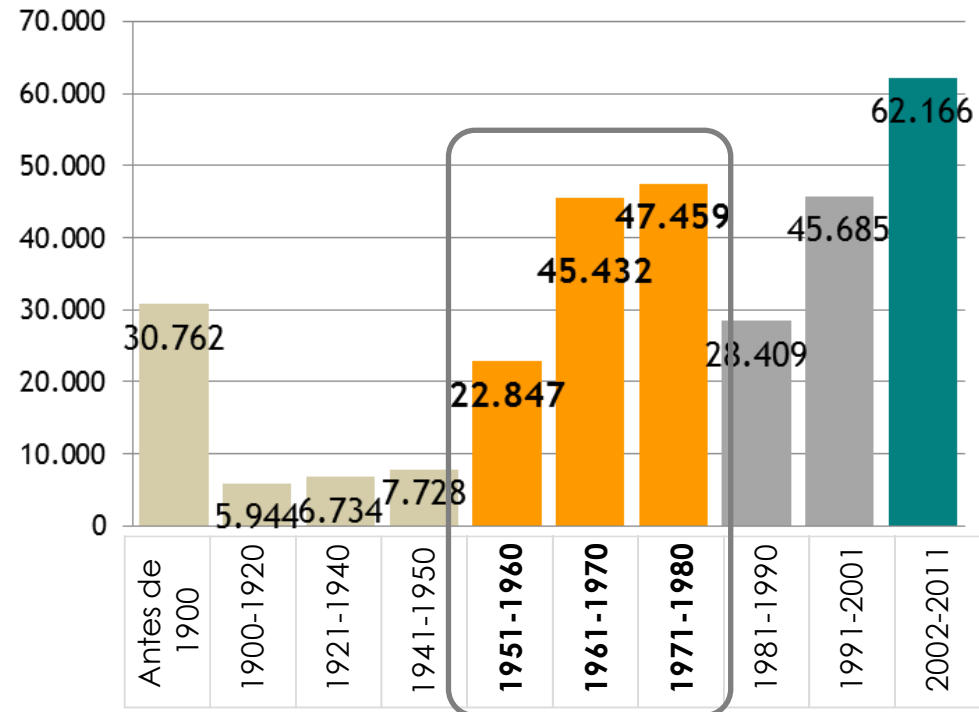
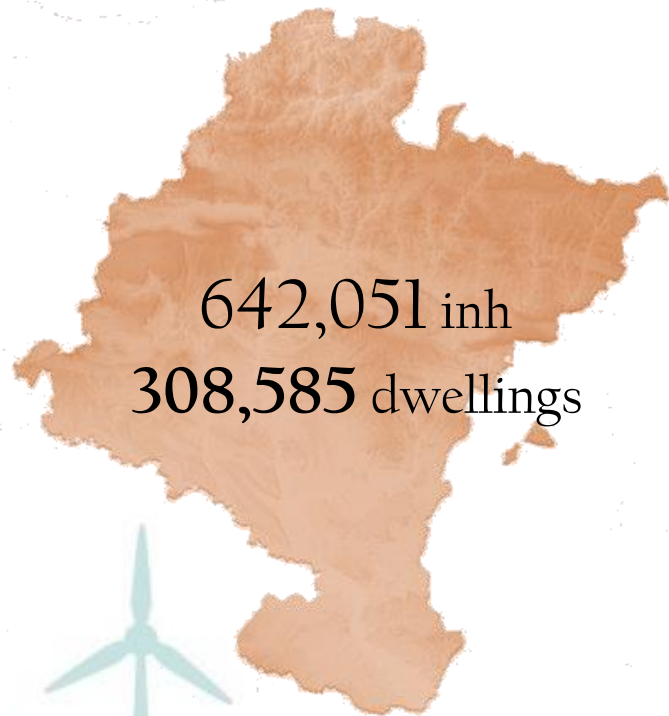
Pamplona. Navarra. Spain.

Ana Bretaña de la Torre| **NASUVINSA**

How are EU urban initiatives and actions supporting Green, Just and Productive Cities in the EU?

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Housing is responsible for 13% of the energy consumed in Navarre.




115,000 between 1950 and 1980, mainly located in social housing district.

Neighborhoods, groupings promoted **jointly**, and their regeneration 40-50 years later also require a **global intervention**.

Change of Cycle

Change of MODEL

STRUCTURAL SOLUTIONS

 **Energy
Regeneration of the
enviroments built at a
NEIGHBORHOOD scale**



- Real solution to Energy poverty.
- Reduction of Energy dependance.
- Adaptation and mitigation to Climate Change.
- Employment generation.
- Avoid deterioration processes in the cities.



1. LOURDES RENOVE



2009-2011
198 + 486 dwellings
5 m€

2. elidistrict



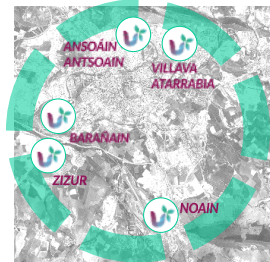
2014-2017
590 dwellings
12.5 m€

3. C6.8. Tudela Renove



2018-2020
167 viviendas
3m€

4. sustaiNativity



Villava.
Noain.
Ansoain.
Zizur.
Barañain

2017-2021
444 dwellings
12.4m€

5. C6.9. Rural areas



2021-2022

6. ELENA-PRIMAVERA



ELENA-2017-141
2021-2024

#NavarraBauhaus initiative is led by the public society

Nasuvinsa and the Directorates for Spatial Planning, Housing, External Action and Culture of the Government of Navarra and is framed in the European Green Deal, in the principles of urban sustainability of the 2030 Agenda and as “a hope project to explore how to live better together after the pandemic”.



ES | EU | EN | FR

Home NAVARRA IN EUROPE CROSS-BORDER COOPERATION EUROPEAN PROJECT OFFICE NAVARRA IN THE WORLD



New European Bauhaus - Navarra

Change your environment: join the european renewal wave

#NavarraBauhaus

Navarra Bauhaus initiative is led by the public society Nasuvinsa and the Directorates for Spatial Planning, Housing, External Action and Culture of the Government of Navarra and is framed in the European Green Deal, in the principles of urban sustainability of the 2030 Agenda and as “a hope project to explore how to live better together after the pandemic”. ([New European Bauhaus](#)).



#NavarraBauhaus news

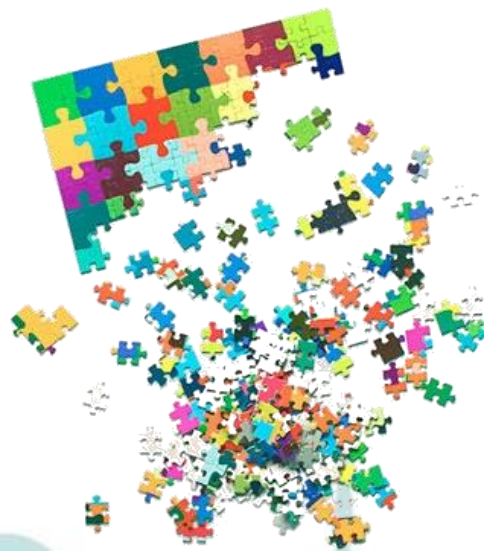
2021/10/12

The Navarra’s Delegation in Brussels, the European Commission and the European Architecture Council organise a workshop on good practice in sustainable architecture



On 26 November 2019, it was awarded by the Spanish Ministry of Finance as the best practice of the European Regional Development Fund in Spain.





-Social and Building vulnerability

SOCIAL support "empathy"



TECHNICAL support "easy"



FINANCIAL Model "affordable"

Creating the necessary environment of **TRUST**



efidistrict

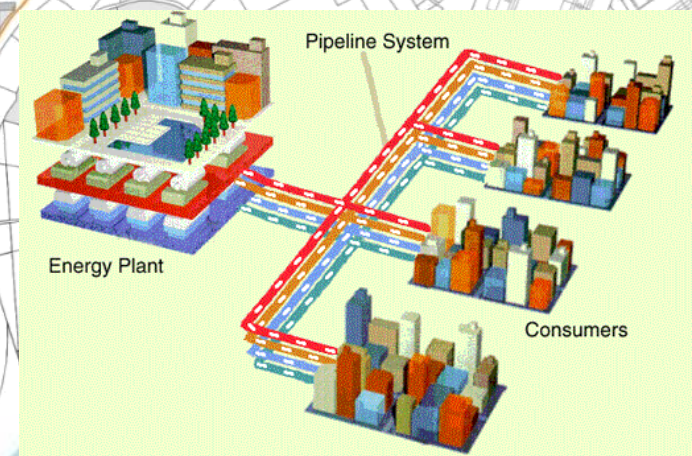
MLEI Efidistrict FWD Project
IEE/13/936/SI2.675074.



The project focuses on **4,891** older dwellings that are connected to **9** district heating systems.



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marzo 2014...

One Stop Shop



The project focuses on 4,891 older dwellings that are connected to 9 district heating systems.



Reduction of demand:

 1. Improve the efficiency of the facilities, protection of the neighborhood's heating system.

 2. Thermal Envelopes

Renewable Energy:

 3. Biomass, photovoltaic.



1

Refurbishment of the old neighborhood heating network.

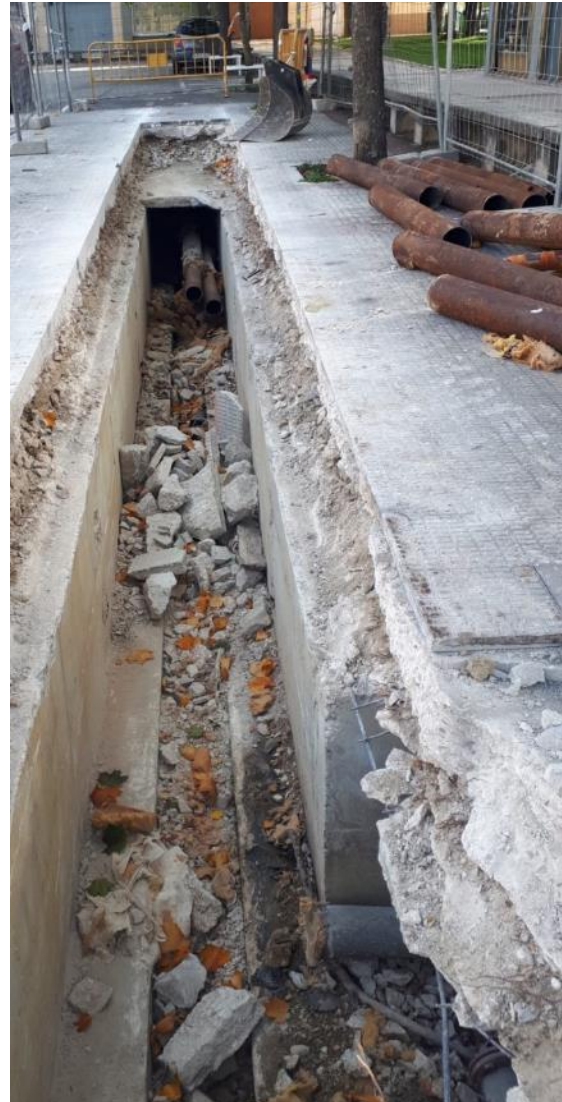
Nasuvinsa
Navarra de Suelo y Vivienda, S.A.

elidistrict



- Improve the efficiency of the facilities
- Control and regulation.

2.844 homes

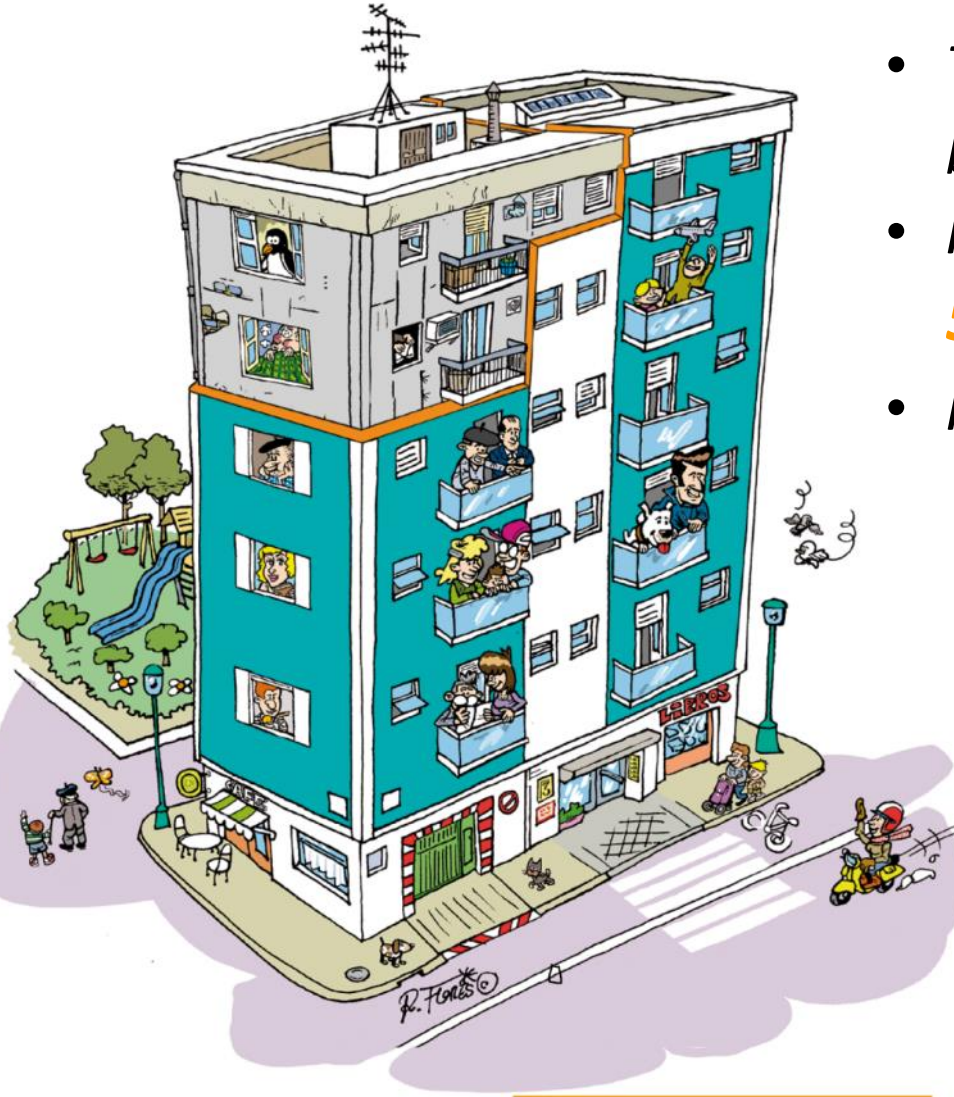




2

Energy Refurbishment of the buildings.

- *The **energy rating** of the buildings have been improved from an **F** up to a **C**.*
- *Reducing final **energy consumption** by **58%***
- *Reducing **CO2 emissions** by **56%***



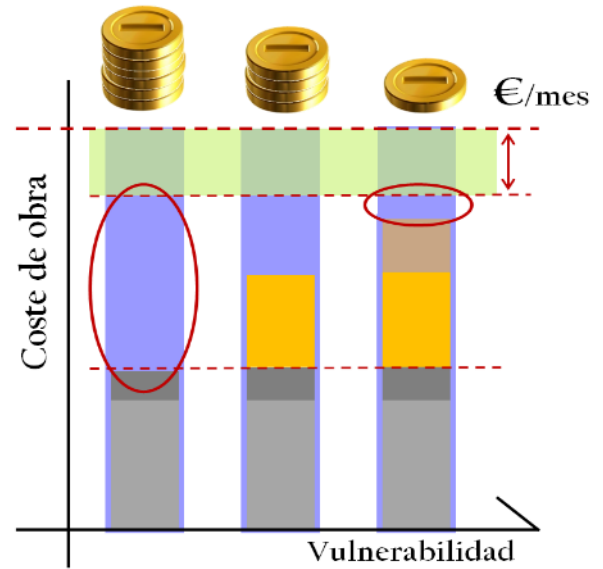
Procedure

Architecture Contest

Procedure

1º Technical-financial proposal

Architectural tenders, technicians and neighbours working together.



+

External Financing.

Framework financing agreement.

- Credit subsidies.
- Credit part NOT subsidized.



Procedure

1^o Technical-financial proposal

Architectural tenders, technicians and neighbours working together.

2^o Participation and dynamisation.

Rehabilitation commercials



El Gobierno de Navarra, a través de la empresa pública Nasuvinsa (Navarra de suelo y vivienda, S.A.) ha publicado los resultados de los concursos de ideas convocados el pasado mes de julio para seleccionar propuestas de Rehabilitación de la Envolvente Térmica—es decir, la inclusión de aislamiento en fachadas y cubiertas— que puedan desarrollarse en los edificios de Orvina I, II y III, construidos todos ellos entre 1965 y 1975.



Resueltos los Concursos de Arquitectura para las tres Orvinas, desde el 13 de octubre de 2014 se podrán visitar en la Oficina de Barrio EFIDISTRICT, calle Ibañeta 32, bajo las propuestas ganadoras. Del 1 de a 11 de diciembre, se exhibirá en la Biblioteca Pública de la Txantrea, toda la documentación obtenida del concurso, además de la adaptación de las propuestas ganadoras a cada uno de los tipos de portales existentes en estas agrupaciones de viviendas. Esos días se organizarán actividades en la Biblioteca, con el objetivo de iniciar el proceso más activo de participación con las comunidades de pro-

El Gobierno de Navarra, a través de la empresa pública Nasuvinsa (Navarra de suelo y vivienda, S.A.) ha publicado los resultados de los concursos de ideas convocados el pasado mes de julio para seleccionar propuestas de Rehabilitación de la Envolvente Térmica—es decir, la inclusión de aislamiento en fachadas y cubiertas— que puedan desarrollarse en los edificios de Orvina I, II y III, construidos todos ellos entre 1965 y 1975.



EL PLAN ENERGÉTICO DE LA CHANTREA SE EXPORTARÁ TAMBIÉN A LA MILAGROSA

- Las ayudas para rehabilitación se equiparan a las del Casco Viejo
- 160 pisos en Orvina ya han dado lugar verde a la calefacción de biomasa



Arquitectos de la UN investigan pobreza energética en Pamplona

Un equipo de la Escuela de Arquitectura de la UN ha montado 150 pisos en distintos barrios desde 2012. Una tesis defendiendo que enfocar la ayuda social a...



Proyecto para crear una red térmica de biomasa en Chantrea y Milagro

El Ayuntamiento y el Gobierno convocan un concurso para reactivar las actuaciones de barrio. La colaboración de las instituciones persigue la unión de energías viables como la...



El proyecto EFIDISTRICT responde a un proyecto europeo, que busca la RENOVACIÓN ENERGÉTICA DEL BARRIO DE LA TXANTREA. Dentro de las posibles actuaciones a desarrollar, destacan las intervenciones sobre las ENVOLVENTES TÉRMICAS, que consisten básicamente en el aislamiento térmico de las fachadas y cubiertas de los edificios, con el objetivo de mejorar la calidad de vida de los vecinos y reducir el consumo energético de sus viviendas.

Un total de nueve edificios de viviendas del barrio de Chantrea (Orvina I, II, III) y casas de 2 y 4 alturas alcanzado acuerdos en firme para la renovación térmica con una inversión total de 800.000 euros del Gobierno de Navarra.

MADRID. Las actuaciones se enmarcan dentro del programa que arrancó en marzo de 2014 y que ha recibido en su día una inversión de 400 unidades familiares del barrio de Chantrea y de las agrupaciones de viviendas colectivas existentes dentro del barrio. En la selección de los anteproyectos ganadores, proceso en el que también participaron vecinos del propio barrio, se primaron aquellas propuestas que con los mínimos costes posibles, alcanzaron un gran...

Un año de andadura del proyecto Efidistrict en la Txantrea

El pasado 16 de abril el Gobierno de Navarra (Departamento de Fomento y Departamento de Economía, Hacienda, Industria y Empleo), el Ayuntamiento de Pamplona y la empresa pública Nasuvinsa firmaron un convenio con el objetivo de crear un marco adecuado apoyado en la máxima colaboración entre las distintas administraciones públicas. En este convenio se recoge una serie de compromisos orientados a facilitar el desarrollo de un proyecto integral...

Pamplona intentará captar una importante ayuda de la UE

A través del programa Horizon 2020, y deberá concurrir con otras dos ciudades europeas. El proyecto, que supondría millonarias inversiones, podría centrarse en la Chantrea. El Ayuntamiento de Pamplona va a intentar presentar su candidatura...



Rehabilitación para un ahorro energético en la Txantrea

El proyecto EFIDISTRICT responde a un proyecto europeo, que busca la RENOVACIÓN ENERGÉTICA DEL BARRIO DE LA TXANTREA. Dentro de las posibles actuaciones a desarrollar, destacan las intervenciones sobre las ENVOLVENTES TÉRMICAS, que consisten básicamente en el aislamiento térmico de las fachadas y cubiertas de los edificios, con el objetivo de mejorar la calidad de vida de los vecinos y reducir el consumo energético de sus viviendas.

En el contexto de este proyecto, la empresa pública NASUVINSA convocó, el pasado mes de julio, unos concursos de arquitectura, para la selección de unos anteproyectos de envolvente térmica, para una inversión de 800.000 euros del Gobierno de Navarra. En la selección de los anteproyectos ganadores, proceso en el que también participaron vecinos del propio barrio, se primaron aquellas propuestas que con los mínimos costes posibles, alcanzaron un gran...



UN PROYECTO EFICAZ Y...

Los vecinos de Navarra coinciden en que el programa eficaz y coordinado y según el programa de acción previa no les ha faltado y que en todo lo que consiste y cómo va a afectar a su entorno de una oficina en el barrio, que sirve de vecinos, administración y empresas del sector. En este convenio se recoge una serie de compromisos orientados a facilitar el desarrollo de un proyecto integral...



La central de biomasa para la Chantrea se construirá

Una exposición acoge las propuestas ganadoras sobre envolventes térmicas para el barrio de la Chantrea. La exposición se montó en la biblioteca de la Txantrea y muestra los resultados de los concursos de ideas convocados el pasado mes de julio para seleccionar propuestas de Rehabilitación de la Envolvente Térmica...

La Chantrea se envuelve de eficiencia

El presupuesto. Serán los vecinos del barrio los que asumirán el grueso de la inversión en los edificios: 13 millones que financie Caja Rural de Navarra con cuotas mensuales que no superen los 70 euros. El Gobierno de Navarra aportará 2,5 millones y la UE, medio millón. El 24 edificio. Las obras de rehabilitación de fachadas y envolventes térmicas afectarán a 74 edificios de la...





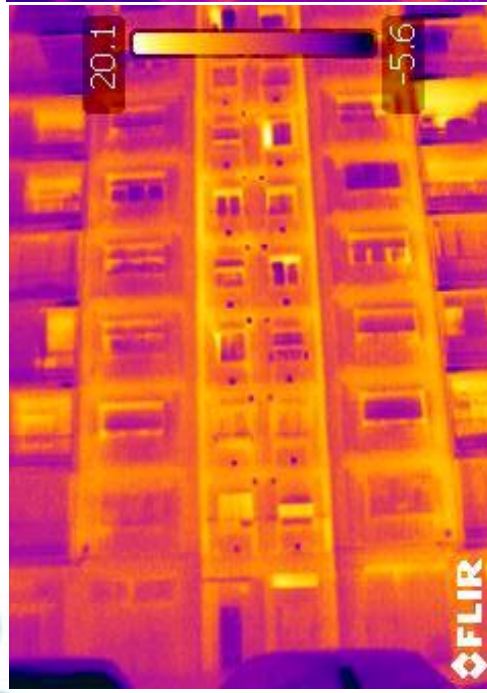
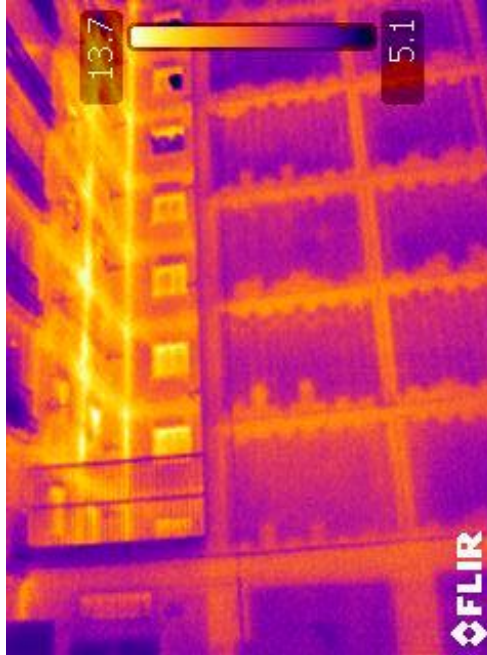
Procedure

1^o Technical-financial proposal.
Architectural tenders, technicians and neighbours working together.

2^o Participation and dynamisation.
Rehabilitation commercials

3^o Support throughout the whole process.









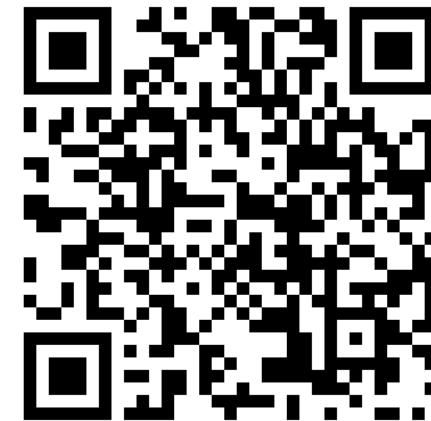








Building energy renovation in La Txantrea (Pamplona): a dynamic community

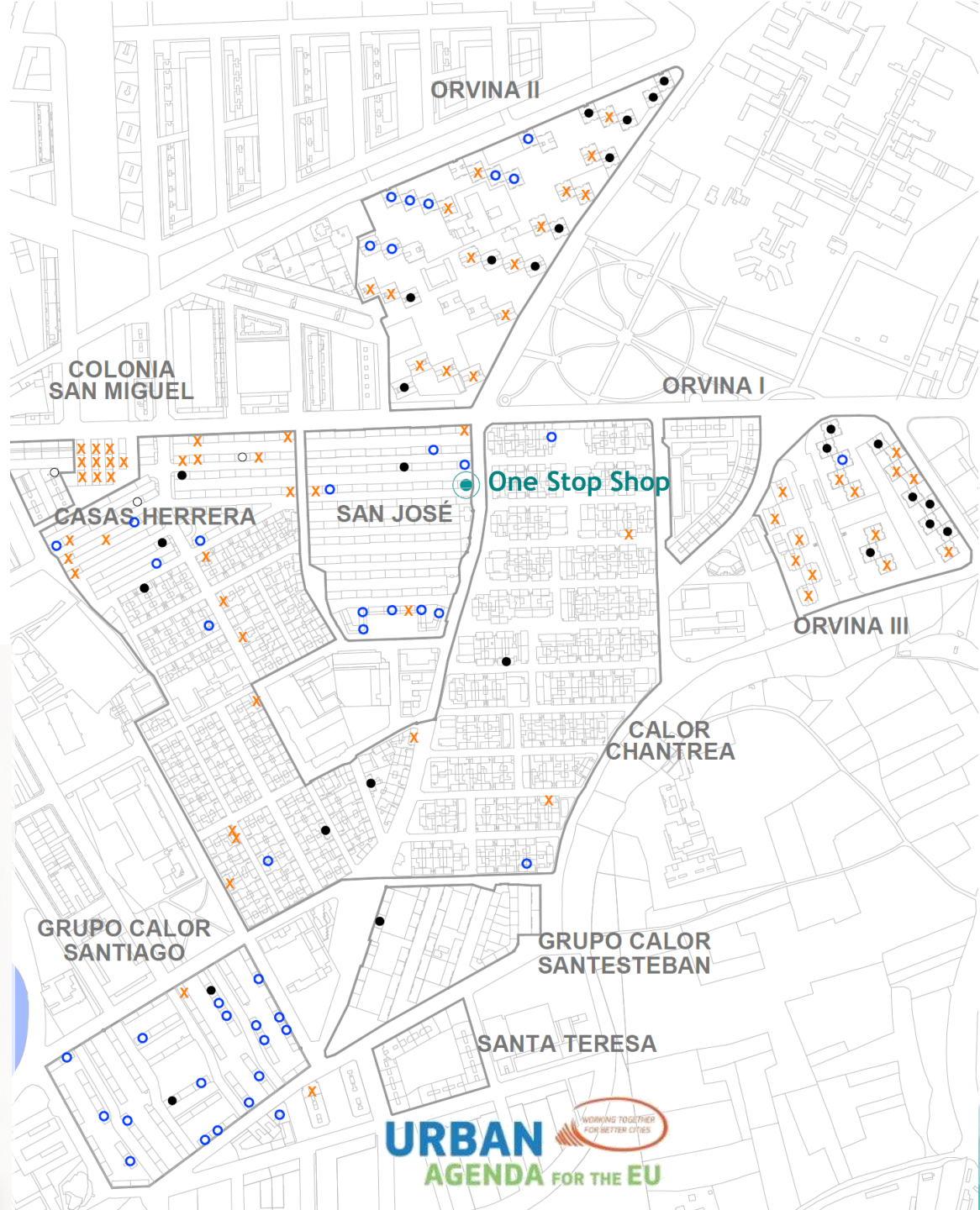


A best practice co-financed by the European Regional Development Fund - ERDF.



Buscar



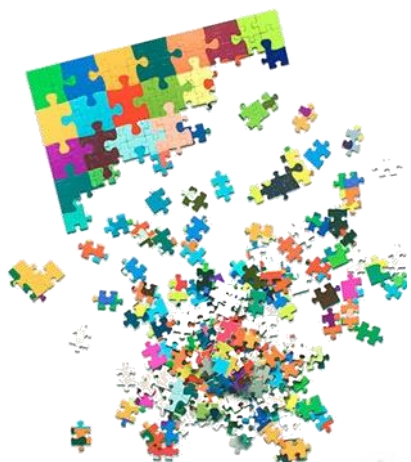


- **2014-2017**
644 homes
13,5 million of €

- x **2018-2020**
1.116 homes
30,8 million of €

- **2021-**
453 homes
12,2 million of €





1. Local Administration *Management Groups* in the territory

2. Participation and mobilization of residents and citizens..

Citizens' engagement

Trusted environment!

3. Promotion of **GLOBAL ACTIONS** with ambitious energy approaches.

Adaptation and mitigation of **Climate Change**
The only real solution to energy poverty

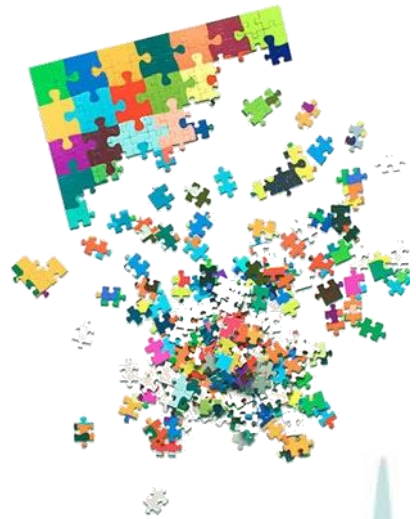
4. Financing the stakeholders associations
Viable financial model

5. Stability over the time. Long path project
The objective is to achieve the execution of the whole global action.





-Social and Building vulnerability



SOCIAL support "empathy"



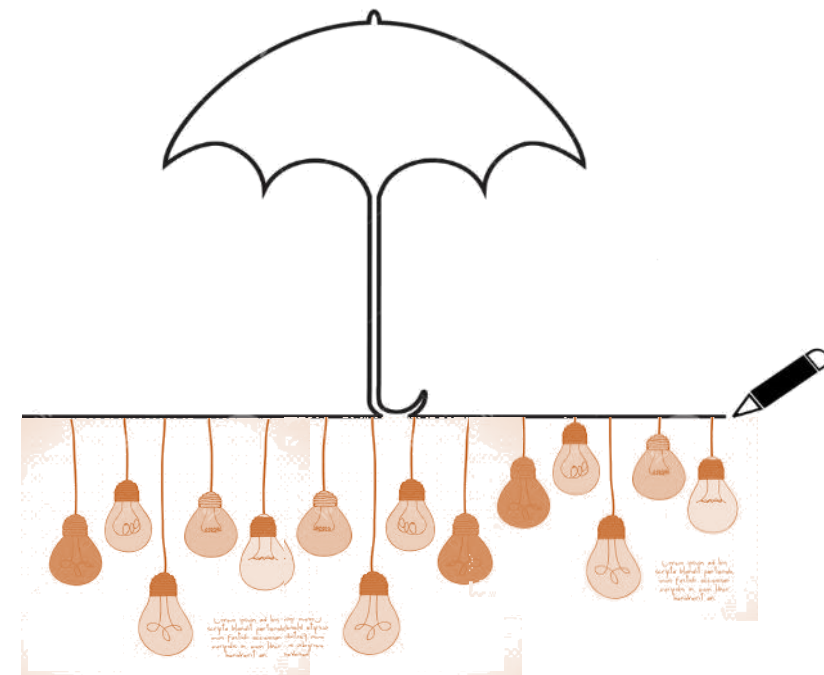
TECHNICAL support "easy"



FINANCIAL Model "affordable"

Creating the necessary environment of **TRUST**





Thanks for your attention

Nasuvinsa
Navarra de Suelo y Vivienda, S.A.

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Part 1 : Concluding remarks

Eleni Feleki | Urban sustainability expert and Lead Expert of the
URGE Network, URBACT



Q&A

Please use the chat to type your questions
or ask to be invited up to the Stage.



Part 2 : Future EU opportunities towards productive cities





Maria Yeroyanni

European Commission

Senior Expert Innovating Cities DG R&I

Unit C2» Future Urban and Mobility Systems»

marie.yeroyanni@ec.europa.eu

Urban Agenda for the EU - The Green City Webinar

27 September 2021



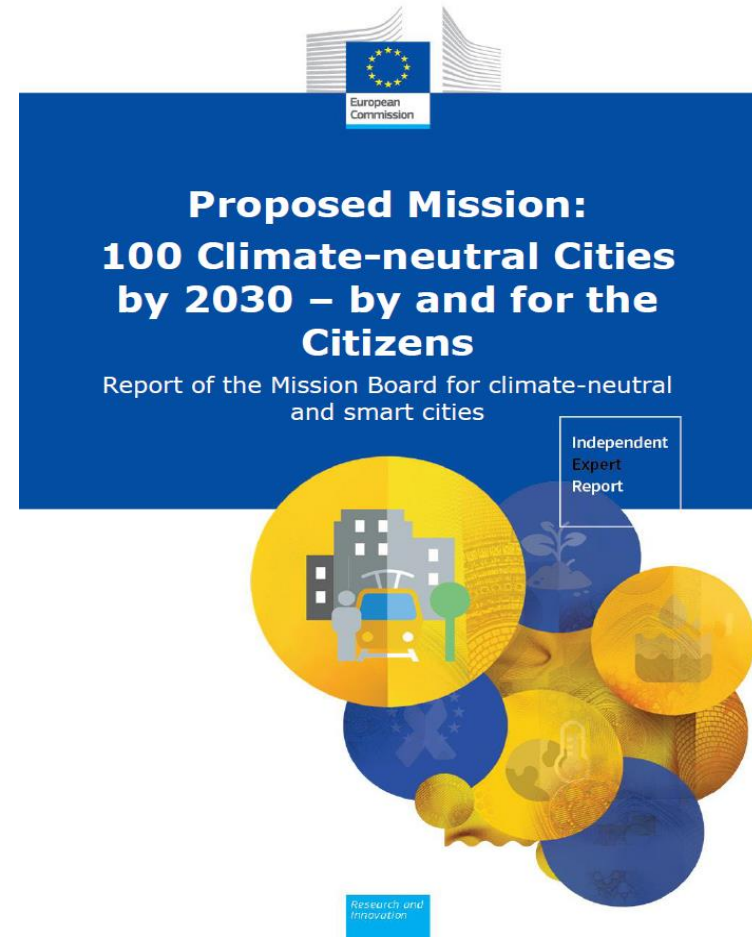
HORIZON EUROPE

THE EU
RESEARCH & INNOVATION
PROGRAMME

2021 – 2027

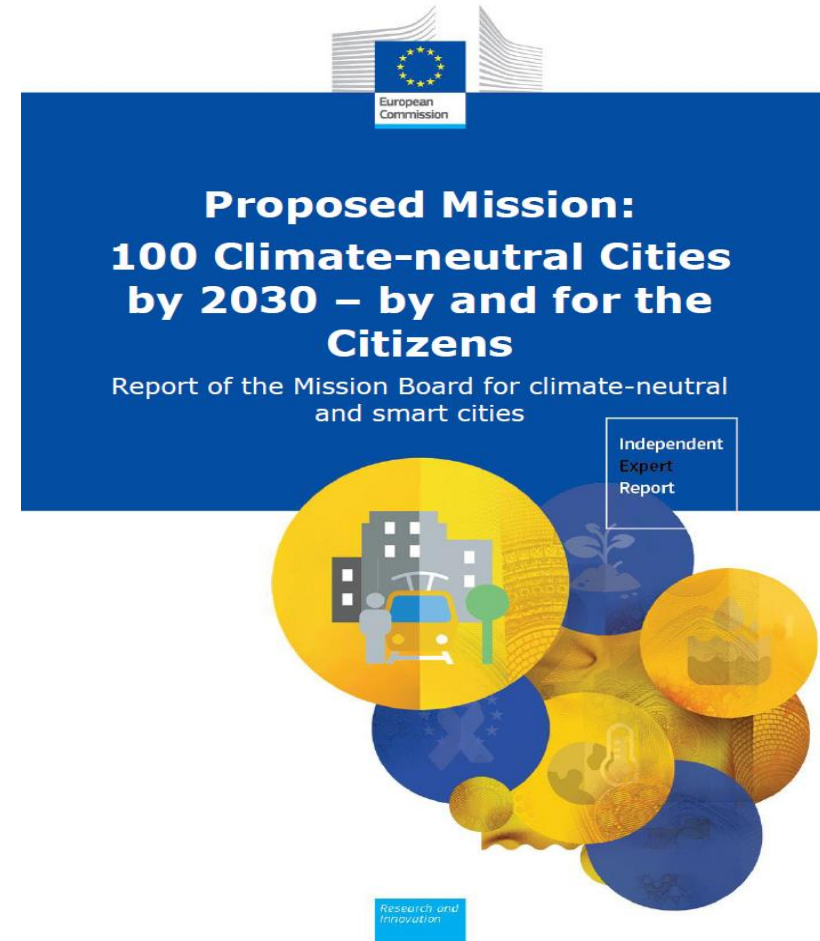
Horizon Europe Mission on Climate Neutral and Smart Cities

- **“100 Climate-Neutral Cities by 2030 - by and for the citizens”** to showcase 100 European cities towards climate neutrality by 2030- innovation hubs for all cities, quality of life and sustainability in Europe.
- https://ec.europa.eu/info/publications/100-climate-neutral-cities-2030-and-citizens_en
- **EUROPEAN GREEN DEAL**
- [A European Green Deal | European Commission \(europa.eu\)](https://ec.europa.eu/info/publications/100-climate-neutral-cities-2030-and-citizens_en)
- **NEW EUROPEAN BAUHAUS**
- https://europa.eu/new-european-bauhaus/index_en



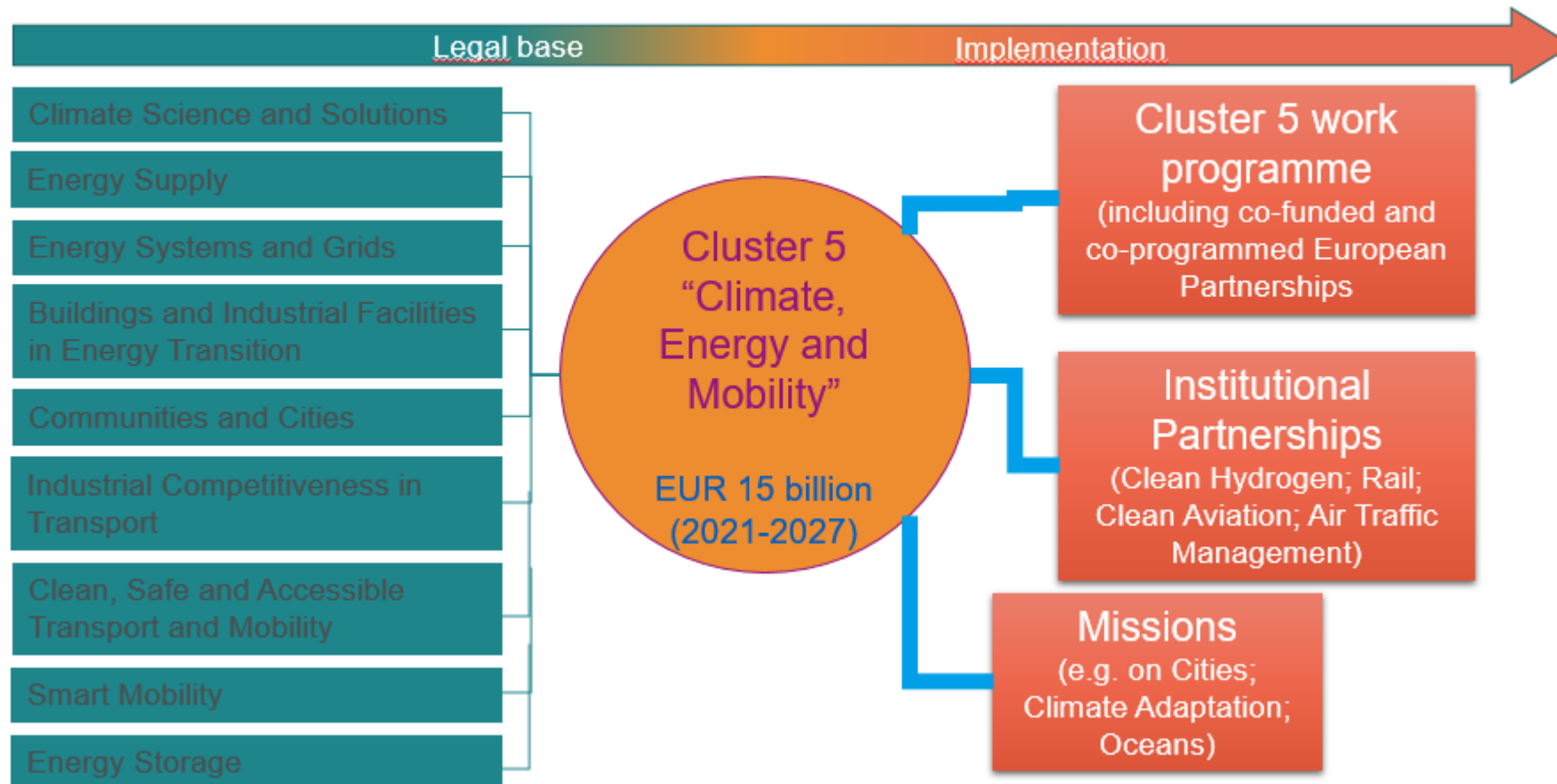
Horizon Europe Mission on Climate Neutral and Smart Cities

- Deliver at least 100 climate-neutral and smart European cities by 2030.
- Ensure that these cities act as experimentation and innovation hubs to put all European cities in a position to become climate-neutral by 2050.
- Citizens involved in the design and implementation of the mission
- Mission Platform
- Climate City Contracts
- Innovative city governance models and citizen engagement

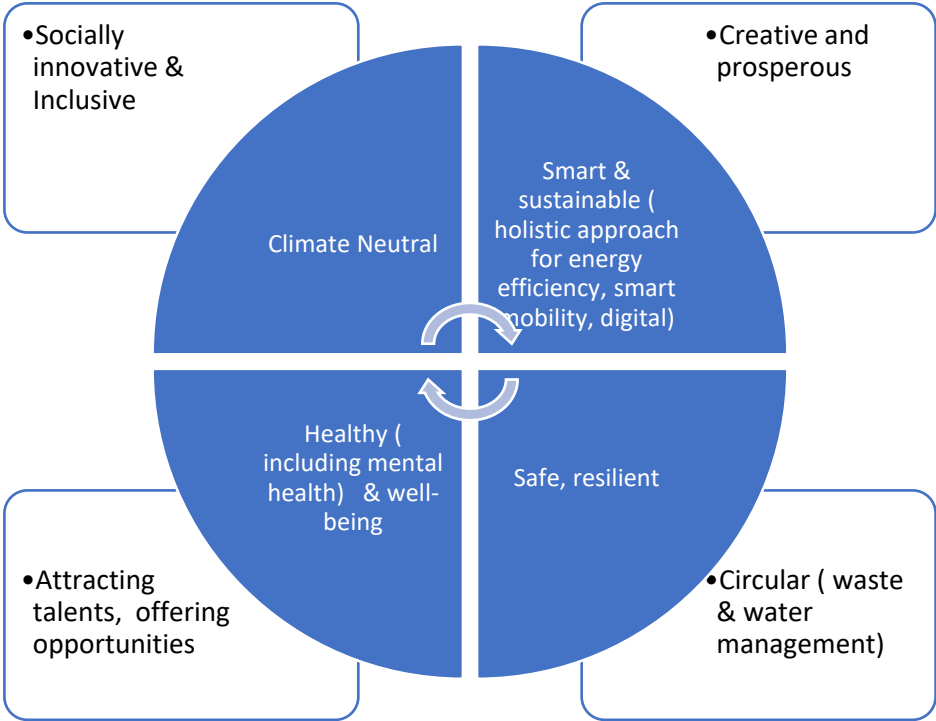


Horizon Europe Cluster 5 overview

Cluster 5 - overview



City Science Initiative promotes a « **city for all** », a 45 cities network, a science EU officers' network in municipalities



The City Science Initiative

The European Year of Greener Cities

The CSI coordinated bridges science with urban challenges and policy making.

Coordinated by DG JRC and DG RTD with the City of Amsterdam

- **Thematic workshops held in summer 2020 have delivered recommendations for cities**
- **Workshop themes:** Climate Change and Air quality; Technologies and the city; Mental health; Circular economy; Sustainable mobility
- **40 EU cities signed to CSI**

To register in the Cities Community of Practice

<https://ec.europa.eu/jrc/communities/en/community/city-science-initiative>

Resolution on the European Year of Greener Cities of the European Parliament

Early stage discussion

https://www.europarl.europa.eu/doceo/document/B-9-2020-0243_EN.html

EU City Science Initiative, JRC leads in joint cooperation with RTD, REGIO, EAC

The screenshot shows the website for the City Science Initiative. At the top, there is a navigation bar with links for Privacy notice, Legal notice, Cookies, Contact on Europa, Search on Europa, and a language selector set to English (en). A search bar is also present. Below this is the JRC Science Hub Communities header, featuring the European Commission logo and the text "The European Commission's science and knowledge service". A breadcrumb trail indicates the current location: European Commission > JRC Science Hub > Communities > City Science Initiative. A main navigation menu includes links for Home, About Us, Research, Knowledge, Working With Us, Procurement, News & Events, and Our Communities. The main content area is titled "City Science Initiative" and includes a "Login Into ECAS" button and a "Request group membership" button. A large banner image depicts a cityscape with the word "CITIES" and "THE CITY SCIENCE INITIATIVE" overlaid. Below the banner, a "Welcome to the City Science Initiative" section contains a paragraph: "Many key societal challenges in Europe are intrinsically urban. Science and Innovation can help to address these challenges. The City Science Initiative provides an opportunity for cities, city networks, experts and the services of the European Commission to reinforce their cooperation and strengthen the science and policy interface." A left-hand sidebar menu lists: Home, About, Workshops, News, CSI Themes, Library, and a partially visible "LinkedIn group" link.

EU R&I for and with Cities Report

The report presents an overview of the main EU Research and Innovation (R&I) actions for and with cities

- Actions, initiatives, platforms and networks funded under the **Horizon 2020**
- New city policy priorities under **Horizon Europe**
- EU policies and initiatives on cities implemented across all EC services

<https://op.europa.eu/en/publication-detail/-/publication/1a11dc10-edba-11eb-a71c-01aa75ed71a1>





- Innovating Cities web page
- https://ec.europa.eu/info/research-and-innovation/research-area/environment/urban-development/innovating-cities_en



Thank you!

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Part 2 : Future EU opportunities towards productive cities

Ben Caspar | Policy Officer, Biodiversity, DG ENV, European Commission



The Urban Dimension of Cohesion Policy in the 2021-2027 period

Pia Laurila | DG REGIO European Commission



The Urban Dimension of Cohesion Policy 2021-2027

Reinforced urban dimension, through :

ERDF Art. 11 – Sustainable Urban Development

8% of the national ERDF allocation → Directed towards **integrated territorial development strategies focused on urban areas**, to more effectively tackle the economic, environmental, climate, demographic and social challenges affecting urban areas, with specific attention to green and digital transition and functional urban areas

Policy Objective 5 ‘A Europe Closer to citizens’

Dedicated Specific objective 5.1 - Foster economic, social, and environmental sustainability and resilience in the urban context

- ✓ cross-cutting territorial policy objective
- ✓ Integrated approach, wide coverage of thematic areas

Minimum requirements for investments in integrated territorial development



Handbook of Sustainable Urban Development Strategies

Available online:

<https://urban.jrc.ec.europa.eu/#/en/urbanstrategies>

The 'Green dimension' through Sustainable Urban Development – Cohesion Policy

Thematic concentration : 30% ERDF and 37% CF on **climate objectives**

Policy Objective 2 « A Greener Europe » notably covering :

- energy efficiency measures and reducing greenhouse gas emissions, renewable energy
- climate change adaptation and disaster risk prevention and resilience
- protection and preservation of nature, biodiversity and green infrastructure, including in **urban areas**, and reducing all forms of pollution
- sustainable multimodal **urban** mobility

Targeted territorial approach possible for **green investments** : under Policy Objective 5 or through territorial instruments under Policy Objective 2 – in both cases involvement of relevant territorial actors

The European Urban Initiative (Art.12 ERDF)



Support of **Innovative Actions**

- Testing of new solutions to urban challenges of EU relevance
- Spreading of innovation - scaling-up, knowledge dissemination and transfer, in particular, to Cohesion Policy 2021-2027

Support of **Capacity and Knowledge Building, Territorial Impact Assessments, Policy Development and Communication**

- challenges linked to implementation of sustainable urban development
- space for exchange
- capacity building
- access to thematic & horizontal knowledge and know-how



Budget allocation: EUR 450 million (in current price)

Launch of activities: in 2022

Coordination and complementarity of the EUI with :

Urbact IV – aiming to raise the capacity of cities in sustainable urban policies and practices by transnational sharing, exchanging and learning

The Urban Agenda for the EU – Next steps

Parameters of the Urban Agenda for the EU to be renewed through the **Ljubljana Agreement** (November 2021)

Support from the European Commission continues through the **European Urban Initiative** and its Secretariat

- Process to launch new partnerships starting in 2022
- Support through other EUI activities (capacity building, knowledge capitalisation), Urbact IV, and Intergovernmental cooperation



Feedback welcome regarding needs and future activities

Guided Discussion

With all speakers &

Katerina Fortun | Policy Analyst, Adaptation to Climate Change,
DG CLIMA, European Commission

Tim Caulfield | Director, UIA



Conclusion and main takeaways

How are EU urban initiatives and actions supporting Green, Just and Productive Cities in the EU?



Thank you!

