# Smart living or living smart?

# From engagement to citizen ownership

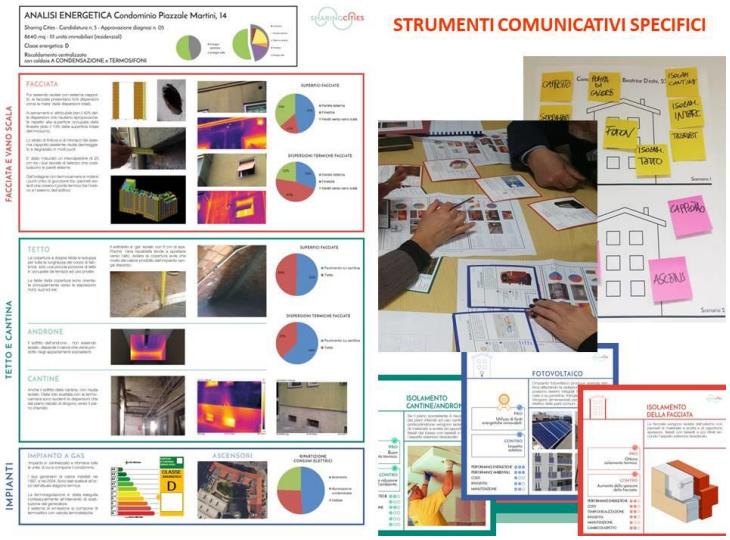
## DESCRIPTION OF THE PARALLEL WORKSHOPS AND SPEAKERS

## List of workshops



## Workshop A: Building retrofitting

### Co-design process in refurbished condominiums in Milan (Italy)

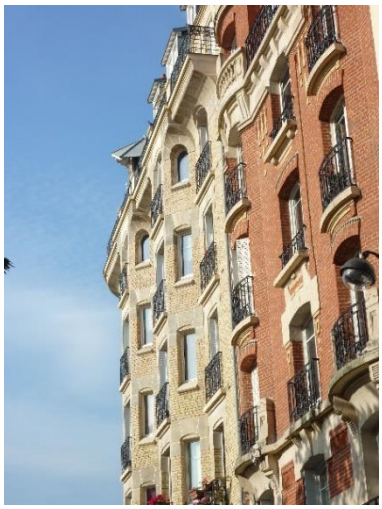



Thanks to the co-design process that was properly tailored on building owners and that actively involved the condominium's community in the definition of the retrofit measures, incredible results were achieved in Milano. Teicos Group has just completed the refurbishment of the first two private buildings, with more than 50% of energy savings on the condominium bill, and other three construction sites are about to open for a total energy retrofit of 24.000 sqm.

These works are carried out within an H2020 funded Smart Cities and Communities project: Sharing Cities. Milan is a lighthouse city in the project, together with Lisbon and London where a huge investment is made in the deep energy retrofit of public/private residential properties. Sharing Cities promotes integrated actions for urban regeneration through the use of innovative technologies and the active participation of citizens, led by a mixed partnership of municipalities, SMEs and NGOs.

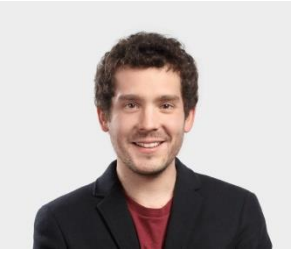
**Maria Elena Hugony** will explain this experience. With a degree in Philosophy and a specialization in Communication, Maria Elena has been working in Teicos since 2014. For the Sharing Cities project she's responsible of the work package 'people' to which she contributed by developing a co-design process with the building owners, empowering their involvement and active participation to the creation of their scenarios of energy retrofitting, with a specific work on the language used for presenting the technical analysis, adopting new communication tools.

## CoachCopro® as a platform to support condominium refurbishment in Greater Paris (France)



CoachCopro® is a global platform for the condominiums and all linked organisations to support their energy renovation projects. It is also an information platform on refurbishment issues targeted to local authorities, energy agencies and energy info centres.
The CoachCopro® in the Greater Paris metropolis includes:

- Web tools (CoachCopro® and directory of professionals);
- Activities for individuals:
  - ♣ Informing and advising;
  - ♣ Condominium visits;
  - ♣ Renovated condominium sheets: "They did it! Why don't you?";
  - ♣ Co-owners meetings;
- Activities for professionals:
  - ♣ The fil'copro;
  - ♣ Training courses;
  - ♣ Working groups to share know-how and remove barriers to refurbishment;
  - ♣ Solutions for the professionals;
  - ♣ Club of Trustees;
  - ♣ The eco-renovation forum;
  - ♣ Answers from professionals;
  - ♣ Affiliate directories and affiliation charter



**Thomas Payen** will present this initiative. Thomas is a project manager at the Paris Climate Agency.
He has been in charge of the CoachCopro® platform since 4 years, a digital support service for the energy renovation of condominiums:

- Deployment at the national level;
- Initial and ongoing training of admin users;
- Network facilitation;
- Developments of the interface.

# Workshop B: Renewables

## Citizen investment in solar self-consumption on municipal buildings in Lorient (France)

The city of Lorient has an ambitious goal: to supply 50% of its municipal assets with renewable energy by 2020. To do this, new economic models must be invented. And, because the energy transition can only be done with the active participation of the inhabitants of the territories, it is a question of integrating the latter as co-builders of the local development of renewable energy. An innovative economic model was initiated by Lorient, which allows citizen investors to own solar power plants that directly supply public buildings with electricity used for self-consumption.

**Pierre Crépeaux** will present this business model. Pierre is a civil engineer and holds a master's degree in urban planning.
Formerly in charge of air quality and climate plan in Greater Lyon (2004-2012), Pierre Crépeaux joined the city of Lorient in 2012 where he is responsible for the Environment Department. He is working on the development and implementation of the ambitious climate plan of this community, which aims for a 50% target in renewable energy supply of its public buildings by 2020. One of the actions Pierre initiated is the deployment of photovoltaic solar panels for self-consumption, with the use of crowdfunding as a new economic model.

## Renewable energy cooperative supported by the local authority to install a solar PV system in Križevci (Croatia)

Crowd-lending for a solar PV system in the city of Križevci, is the first crowd investing initiative in Croatia, initiated by a renewable energy cooperative and supported by local authority, whereby a 30 kW PV rooftop system will be installed on the Križevci Entrepreneurial Center.


*Figure: "The potential of energy citizens in the European Union", CE Delft, 2017*

This initiative will be presented by Zoran and Melani.

**Zoran Kordić** is an eco-activist, community energy specialist, co-owner and member of the green energy cooperative (ZEZ). He holds a master degree in electrical engineering. Zoran is a low-carbon cities visionary and also a permaculture gardener.

**Melani Furlan** is a member of the ZEZ cooperative, working there on community energy projects. She holds a master in electrical engineering and is passionate about her work, helping develop meaningful solutions. She is in love with the Caucasus and keeps on going there.

# Workshop C: Mobility and urban planning

## Empowering local economy and balancing low income family needs with tourist masification: Sustainable and healthy Alfama for all, Lisbon (Portugal)


Alfama is a historic district in Lisbon selected to apply the Smart Sustainable District approach and methods. Alfama is facing serious challenges to make compatible the long-dated habits and aspirations of the low-income local inhabitants with the mass tourists in the last years. The former is fighting to preserve their low-cost rented homes while the later have been taken as the motivation for the refurbishment of degraded buildings, which will become available at very high prices rents (through Airbnb schemes).

The solutions result from a cross-cutting approach, integrating data from different sources and components, local user needs and ideas, solutions to empower local economy. Under the umbrella of "Sustainable and Healthy Alfama for all", this integrated approach aims to contribute to simultaneously achieve the following objectives: (i) address the needs of elderly and vulnerable residents, (ii) Increase the wellbeing of its residents while preserving social cohesion and cultural heritage (iii) attract new residents and (iv) find a balance with sustainable tourism.

The Alfama project aims to show that integrated sustainable and smart projects and initiatives, around clean mobility, friendly buildings and climate resilient public spaces, may act as catalysts regarding climate change and innovation business case.

**Vera Gregório** will speak about the Alfama project. In October 2016, she started her activity in Lisboa E-Nova as project manager. She is currently responsible for the Innovation Unit at Lisboa E-Nova and coordinates several European projects for Low Carbon Smart Cities, including the Alfama project.

Vera is a graduate in Geography and Regional Planning and a post-graduate in Economy and Management of Science and Technology. She followed also an Advanced Studies Course of Climate Change and Sustainable Development Policies.

Vera is a PhD student in Environmental Sciences-Energy transition in an urban context. Her professional activity includes a broad experience in project management and scientific research in the fields of geospatial technologies, urban sustainability, energy, and climate change.

## The District Lab: Co-creation process in Munich (Germany)

The District Lab (German: Stadtteillabor) is a temporary, modular space adaptable to a variety of uses such as event location, exhibition space or civic centre. It has been designed as the hub of the civic engagement and co-creation process for the Smarter Together project, set up in a vacant building at one of the district's commercial centres.

Three days a week, the District Lab holds open consultations for local residents and stakeholders, with staff members of Smarter Together Munich on site. Take-away information material on Smarter Together (a European Smart Cities and Communities project) as well as on local initiatives and events are provided and a comprehensive documentation of the co-creation process and results is on display.



**Claudia Mendes** is a doctoral researcher at the Munich Center forTechnology in Society, Technical University of Munich. Her research is positioned at the intersection of Science & Technology Studies and Urban Studies, and explores issues of smart urbanism and participatory technology design in the European Union. She is also a practitioner in the field of public participation and has been involved in the design and implementation of small instants of co-creation between experts and citizens for the Smart Cities and Communities project: Smarter Together.

## Beat the Street mobility game in Vienna (Austria)

A mobility game was organised in Vienna inviting all students in the Simmering district to collect virtual points using special chips on the 49 sensor boxed fixed in the neighbourhood. The game was organised by the Mobility Agency of the City of Vienna as well as the municipal team involved in the Smarter Together project. The cooperation within the Beat the Street mobility game lasted for six weeks and reached out to over 6.000 participants, 11 schools, 2 youth clubs.

The impact was surprisingly successful as all participants walked from the 10th of October to 21st of November 2017 over 80.000 km!


*Beat the Street, (c) DDBVB, Konrad Khittl*

**Julia Girardi-Hoog** did her PhD in Sociology of Architecture and has been working in the field of Urban Renewal since 2012.

She has been coordinating Urban Renewal Offices in Vienna and is now managing the largest smart city project in Vienna, named “Smarter Together”.

*Julia Girardi Hoog, SIMmobile, (c) Severin Koller*

## Mobile urban living lab: the SIMmobil in Vienna (Austria)

The “SIMmobil” is a mobile vehicle that functions as an Urban Living Lab in public space. The Lab is currently in the operational phase. It is used in public areas for communication and information of the inhabitants of the target area and for co-creation activities. Apart from the residents of the area, pupils, social initiatives, representatives of institutions and local policy makers are the targeted stakeholders.


*Foto (c) PID / Christian Jobst*

**Jana Hann**, spatial and landscape planner for the Urban Renewal Office Vienna, is working in the fields of urban development, urban renewal and participation. She is leading the implementation of the Urban Living Lab in Vienna within the EU funded Horizon 2020 Smart City Project: Smarter Together.

# Workshop D: Living Streets

## Interactive session on 'Create your own Living Street'

Imagine what happens if the Living Street becomes an effective way to bring together a group of citizens, civil servants, politicians and entrepreneurs to find new solutions to your challenges? A network full of creativity and passion that succeeds in translating the conversations in the (Living) street about living together, mobility, isolation or poverty into new ways of doing, thinking and organizing.

During this session you empathize in the different roles that comes with the Living Street. You experience what it means to enter into conversation with other residents, to dream and to discuss. You will discover what support is needed to successfully guide this process.
After doing so we will elaborate on what is needed to identify and engage initiators within your community and within the city-administration. You will experience what happens when frontrunners are brought together and when you succeed in translating their enthusiasm and creative potential into a common, strategic experiment for your city.

Through the setup of the Living Street Foundation we love to help every Streetmaker across the world to set up its own Living Street so that its City becomes a Living Streets City! Whether it is to inspire you, to guide you through the process or to advise you, just reach out to them at ideas@livingstreets.eu Their commitment to the setup of Living Streets is strong, their experience is extensive.

**Dries Gysels**

Back in 2012 Dries worked as a civil servant for the City of Ghent initiating the transition network on mobility. This process led to both a network of engaged frontrunners and a shared vision on the future mobility system in Ghent. This stood at the basis of the Living Street-experiment and Trojan Lab of Ghent. Dries is a creative thinker and always looking for new entry points for the larger story. Nowadays he's a business partner at Mister Lion, a lab for societal change and innovation.

**Pieter Deschamps**

Pieter has been combining his work with the innovation team of the Belgian Railways with the coordination of the Living Streets in Ghent. From his training as a mediator, he developed and guided the Livingstreet processes. With the completion of 5 years in the Trojan Lab of Ghent, he continues a freelance entrepreneur on a sustainable, liveable and future-oriented society.

**Wim De Smet**

Wim works at Securex on human capital, sustainable mobility solutions and change management. From the very beginning he was an active member of the transition arena mobility in Ghent and guided various Living street projects to ensure that all residents were involved.

**Karel Vancoppenolle**

Karel was one of the frontrunners of Living Streets in Ghent. At that time ending his studies as civil engineer architect, his engagement in Living Street was enormous. He became a real mobility expert challenging initiators of the Living Streets to look differently at transport and street design. Professionally, Karel works as a mobility consultant for Tractebel-Engie.