CITyFiED
RepliCable and InnovaTive
Future Efficient Districts and cities

Newsletter 1 – September 2014

Welcome to the first CITyFiED Newsletter!

Welcome to this first edition of the CITyFiED project newsletter! Here you will find insight into how we are developing a systemic vision and strategy to adapt European cities and urban ecosystems into smart, sustainable and inclusive cities for the future. CITyFiED is co-financed through the FP7 programme, brings together some 18 partners from Belgium, Spain, Sweden and Turkey and draws on three demonstration districts.

Across society, greener ways of living are coming about and we are already aware of the need to shift to more sustainable ecosystems for our towns and cities.

The CITyFiED project aims to address some of major challenges facing urban districts and to do so it focuses on three broad and overlapping key areas: energy savings, integrated urban mobility, and ICT.

It is an exciting prospect to seek out integrated responses to these issues and to pioneer a set of solutions that will be adopted throughout Europe and beyond. Only a sound and skilled consortium made up of leading organisations and business such as those represented within the CITyFiED consortium can deliver on this challenging agenda. They include partners from RTD, industry and communication all working towards meeting the EU's objectives of creative and smart cities. To this we must add the municipalities and other public bodies involved in our endeavours. In fact, one of the key elements of our project is to set up a "cluster of cities" with close links to the consortium and designed to "get them cityfied" using the results and methodologies developed from our work. 11 cities are now part of the cluster, which is no mean feat as we are only six months into CITyFiED!

You can find out more about who's who in this edition along with news from the our demonstration districts (Lund-Sweden, Soma-Turkey and Valladolid-Spain), and highlights from a very packed and eventful first progress meeting hosted by our partners in Lund.

As with all demonstration projects, communication is paramount and so CITyFiED has a fully functional website where you can find out all you need to know. Why not sign up and join our community using our social media?

With best wishes,
Ali Vasallo Belver
CITyFiED coordinator

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www.cityfied.eu

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Exploitation workshop in Lund

Delegates attending the CITyFiED project's first progress meeting in Lund (Sweden) at the end of last month participated in the first of three exploitation workshops scheduled under the project.

The workshop, woven into the progress meeting, took place on 25 September. It was put together and delivered by CITyFiED partner Steinbeis-Europa-Zentrum who is in charge of exploitation and market deployment.

One of the major challenges of demonstration projects like CITyFiED is to fully capitalise on the work undertaken and ensure outreach and replication on a vast scale. In short, the project has to sell, it has to breed. Now this could be a bit of tall order without a sound exploitation and market deployment mechanism built into the project's framework. And so it is here that Steinbeis-Europa-Zentrum steps in, drawing on its long track record in promoting RTD programmes and supporting cross-border technology transfer.

The workshop, conducted by Teresa Puerta and Valerie Bahr, was a savvy mix of briefings and exercises for delegates. It threw the latter into the deep end of what exploitation actually entails both for themselves and others, and it enabled each person to get to grips with intellectual property issues and to better cater for the diversity of partners and their strategic positions within the project.

The audience were introduced to the Business Model Canvas, a strategic management and operational tool used as a template for marketing and deployment. Merging this into their hands-on workshop, the first of a series of three planned in the course of the project, Teresa and Valerie took their colleagues on the journey from exploitable results - known as outcomes - to deployment plan, visiting everything in-between – value propositions, revenues streams, key resources, unique selling propositions... to name but a few.

The focus of the first exploitation workshop was on identifying background (pre-existing knowledge brought by each participant to the project), foreground (knowledge generated during the execution of the project) and exploitable results (project results which may be used e.g. at an economic or academic level after the project). The main take-away from this workshop was a more specific definition of products and services from CITyFiED. In particular, the workshop has provided a basis for putting together integrated building retrofitting strategies and tools for the various marketing targets such as building owners, engineers, energy suppliers, construction companies, municipalities and, as far as they are involved in the decision and implementation process of building retrofitting, the building occupiers meaning the general public.

First progress meeting held in Lund

CITyFiED consortium gathered in Lund, Sweden, for the project's first progress meeting on 24-26 September. A progress meeting maybe, but this was also the setting for a demonstration site visit and an exploitation workshop.

The City of Lund in southern Sweden played host to 55 delegates from the 18-strong multinational consortium who convened to take stock of the first six months of progress and to check the bearing as the project steers through its first of five years toward greener districts.

Two and a half days were allocated to a packed agenda that included an official reception by the Mayor of Lund, Mats Helmfrid; a visit to Lund's Linero district, one of CITyFiED's three demonstration sites; and the first of several exploitation workshops aimed at setting out exploitation strategies of the project results.

It can be said that CITyFiED has now reached cruising speed after its first six months. Corporate identity along with a functional website, a more-than-burgeoning city cluster with 11 cities signed up, and analysis/monitoring virtually completed at each demo site are some of the project's achievements to date. Considering the general level achievements of the project so far, coordinator Ali Vasallo from Fundación CARTIF underlined that CITyFiED was progressing well thanks to the great collaborative work and efforts of all partners.

At the end of the first day, delegates were offered the opportunity to find out more about the Lund demonstration site, a district called Linero built in the early 70s and made up of some 28, 3-storey building with around 2000 tenants. The focus was on the Swedish district heating systems since 1948 and how Linero should benefit from the retrofit interventions planned under CITyFiED.

The meeting was also the setting for partners Steinbeis-Europa-Zentrum, who are in charge of the project's exploitation and market deployment strand, to deliver their first exploitation workshop. This involved defining CITyFiED products and services and its Unique Selling Proposition. More information about this will be available on the project website.

CITyFiED project consortium hosted by MATS HELMFRID, Mayor and Chairman of the City Executive Board, City of Lund

The CITyFiED project's first periodic meeting took place in Lund, Sweden this 24-26 September 2014. This medium-sized university town with a research-intensive industry is the location of one of three demonstration sites critical to the development of a replicable, systemic and integrated strategy to adapt European cities and urban ecosystems into the smart city of the future.

During the meeting, Mayor Mats Helmfrid took time out of his busy agenda to welcome more than 60 participants at the town hall to warmly endorse the project and give a platform for the City of Lund and its partners working closely with the demonstration site to express their ambitions and reasoning behind their drive for smarter, more energy efficient districts.

"CITyFiED is an important project for both Lund and for Europe. If we are serious about sustainable housing, we must address new houses as well as the housing of 15-20 years ago" said the Mayor. "with greater urbanization, the number of inhabitants has grown greatly during the last century and a large stock of the buildings from the 1960s and 1970s now needs retrofitting."

"This project plays an important role for Lund and further afield in refining our approach and solutions to this challenge. Measuring energy performance, increasing effectiveness of our renovation works and adopting new techniques and technologies are central to making our housing stock desirable for the future"

Bertil Lundström, Technical Manager of the municipally owned housing company **Lunds Kommuns Fastighets** (LKF) underlined the local and European aspect of CITyFiED "This project gives us the opportunity to learn even more about our intentions to renovate a host of 60-70s buildings, develop a range of cutting edge technologies – on a par with the very best projects in Europe."

Almost 90% of the heat demand in the city is supplied by the district heating network, and consortium partner, energy company **Kraftringen** is central to the demonstration site and many more homes and buildings beyond. The company's goal is to replace all fossil fuels by 2020 and so it was apt that business manager, Anders Möller said "The future may seem distant, but it's just around the corner. CITyFiED provides us with good opportunities to develop the next generation of efficient district heating, which can lead to even more environmentally friendly and sustainable energy solutions." He added, "In addition to this, the development of smart power grids, as well as a visualization tool which clearly illustrates the tenant's energy use, are important components in the smart city of the future."

Project Director for the City of Lund, Markus Paulsson refocused the minds of those present on the human element of the project: "At the most fundamental level, the project is about delivering an improved environment and better quality of life for the citizens of Lund." "The retrofitting of the Linero district will focus on reaching a higher energy standard with maintained affordability for the tenants."

Finally, Anna Jarnehammer, Director at the Swedish Environmental Research Institute, IVL and CiTYFiED consortium partner spoke of the importance of another type of innovation critical to the project and Europe's challenges: "One of the most important elements of CITyFiED is bringing cost effective improvements for tenants and authorities through innovative business models". "Through the project, our work with the Lund demonstration site and focus on a CITyFiED model for evaluating the replication potential across a further **cluster of 11 cities**, we hope to help multiply the number of near zero energy districts in Scania and beyond."

Tackling the many challenges of smarter, greener cities

Zero-energy districts are the only possible future for European cities, as costs associated with palliating the effects of climate change soar, but there are many challenges ahead

The quest towards low energy consumption in city districts requires many changes not only at building level, but also at district level. For instance, this may involve improving the thermal properties of the buildings, introducing renewable energies—such as those sources from biomass, photovoltaic or solar thermal technologies—creating a district heating and cooling network and developing an intelligent electricity network, dubbed smart grid).

These are some of the solutions due to be tested in the EU-funded Project CITyFiED. The project aims to carry out an extensive demonstration of its low energy consumption concept, among other things, through in selected districts in the cities of **Laguna de Duero**, in Spain, **Lund** in Sweden and **Soma** in Turkey. "*The current maturity of technology allows us to address the challenge of renovating residential districts and creating nearly-zero energy areas*," says **Ali Vasall**o, the project coordinator and an expert in industrial engineering at the energy division of an applied research institute called the **CARTIF Technology Centre**, based in Boecillo near Valladolid, in Spain.

Such project does not come without challenges, though. *"One of the first steps is to involve all the stakeholders—the neighbourhood, the owners, the energy services and construction companies and the municipalities—in order to make these kind of solutions and strategies available and offer an attractive product for all of them,"* Vasallo says.

One expert believes that such approach is only feasible if accompanied by an intensive citizen awareness campaign demonstrating the benefits of such renovation plan. This is accounted not only in terms of energy savings, but also in terms of economic benefits in the long term. *"It is technologically feasible and economically profitable in the long run, but [we need] a transition process that convinces political, economic and social actors,"* points out **Han Vandevyvere**, a senior researcher and project manager at **VITO**, the Flemish Institute for Technological Research, in Mol Belgium.

Another expert sees a second challenge in that the solutions developed under the project are expected to be replicable in other urban districts on the continent. Although he believes in the importance of creating new examples such as the CITyFiED project demo-sites, or the Johanneberg district in Göteborg, replicability may still be an issue. "*We know we can do it,*" says **Greg Morrison**, head deputy of the department of civil and environmental engineering at **Chalmers University** in Göteborg, Sweden, "*but the challenge is how to replicate these models in urban areas where there is both less money to be invested and also a lack of integration and social cohesion.*"

The third, more significant, challenge is getting the right business model. To date, the project has succeeded in involving in its Spanish demo-site an energy service company (ESCO) together with a construction company who are making the necessary initial investment in these technologies. They expect to recoup their investment, when the owners pay them back in the long term thanks to energy savings.

However, "*the upfront investment is one of the main bottlenecks*," notes Vandevyvere, who previously served as scientific coordinator of the city project ***Leuven Climate Neutral 2030***, completed in 2013. He adds: "*we need to find investors that accomodate for longer pay back time, like 30 years, but we also need to make it understandable to all the agents that this huge investment is economically viable, as you invest in green economy, cleaner cities, a better quality of life, local employment and energy independency*."

Marta Espar

Kick-off in Valladolid of CITyFiED, a project designed to support the shift towards high performance energy districts across Europe and beyond

A project to demonstrate optimised energy systems for high performance energy cities has just commenced. CITyFiED is a 5-year endeavour co-funded by the EU and led by Valladolid-based Fundación CARTIF. The consortium comprises 18 partners from Spain, Sweden, Turkey, Belgium and Germany.

The underlying purpose of CITyFiED is to develop a replicable, systemic and integrated strategy to transform European urban ecosystems into smart cities of the future. It will focus on reducing energy demand and GHG emissions while increasing the use of renewable energy sources. CITyFiED aims to achieve this by developing and implementing innovative technology and methodologies for building renovation, smart grids, district heating networks, and mobility.

There are four main strands to CITyFiED's activities allowing the project to fully embrace all the facets of the challenges to be addressed:

- **Large scale demonstrations**: three holistic district renovations at Laguna-Valladolid (Spain), Soma (Turkey) and Lund (Sweden) deploying innovative and cost-effective technologies in order to boost overall energy efficiency and to slash environmental footprint. This will include a thorough retrofit of buildings, and the implementation of pioneering concepts to enhance heating and cooling solutions.
- **Clustering cities** to maximise replication potential. Over 15 cities from across Europe have expressed an interest to cluster in order to benefit from and roll out CITyFiED solutions.
- **Developing cost-effective pioneering methodologies** for planning, deploying and replicating energy efficient retrofit solutions. This will include HVAC facilities on district scale and integrating distributed electricity generation.
- A **Community of Interest involving 40 cities**, which will benefit from networking activities and information sharing on the CITyFiED retrofitting methodology
- **Dissemination** of a clear message to professionals, academia and also to the general public who need to be on-board with energy efficiency measures including mobility, since user behaviour needs to adopt a more sustainable approach.

The CITyFiED consortium drawing on partners from RTD, industry, public authority, exploitation and communication, expects to induce high replication potential thus accelerating smart retrofit uptake for low energy efficient district stock by 2020. The replication plan should lead to 100 potential projects in other cities with over 500,000 dwellings retrofitted in 10 years. Business models for energy providers and SMEs are set to benefit from CITyFiED solutions and there will be wider benefits for citizens and society as a whole. Furthermore, the project outcomes will inform policy at European level and will result in raising standards in both the energy and building sectors.

Project coordinators **Fundación CARTIF** hosted the kick-off meeting at their Valladolid base on 28-30 April, including work sessions specific to each of the three demonstration sites.

This new European project thus embarks on a five-year period to directly help move Europe towards more sustainable, efficient and healthy urban spaces for European citizens.

Ali Vasallo - towards near-zero energy consumption at district level

Citizens living in near-zero energy districts will make significant savings and benefit from an increased comfort in their homes

Transforming districts into near-zero energy consumption urban areas could be a reality in the next few decades. This is what the EU-funded Project CITyFiED aims to demonstrate by testing new approaches and improved business model, designed to ensure this solution is replicable around Europe. Project coordinator Ali Vasallo, who is an expert in industrial engineering at the energy division of an applied research institute, called the CARTIF Technology Centre, based in Boecillo near Valladolid in Spain, talks about the challenges of reducing the energy consumption at city district level.

What is the aim of your research?
The project's main aim is to deliver a systematic and integrated methodology combined with the development of better business models to support the transformation of urban areas into districts with near-zero energy consumption. The ambition is then to replicate this kind of intervention in cities around Europe. This involves combining different technologies, such as retrofitting buildings, district heating and cooling systems and smart grids, and introducing renewable energies.

Which are the strategy's main pillars?
One of the main pillars of the strategy is to get the involvement of the citizens, which is really important for the success of such projects. Form a technical point of view, we are first going to redesign the envelope of the buildings to improve their thermal properties. Then, we will introduce a district heating system based on renewable energies, like biomass. Next, we will provide the district with a new smart grid, which is an electrical intelligent network, and then introduce a monitoring platform. That way, individual owners or tenants—and the neighbourhood as a whole—will be provided with the information, that, in turn, will increase their awareness over their consumption habits. We are also focusing on meeting economic and technological targets. We have to deal with innovative technologies to be implemented in our demonstration sites. Among others, we are going to study better systems for centralised thermal energy generation, new strategies to control the temperature of the system, how to integrate renewables and how to develop a monitoring platform for data gathering and storage, data analysis and data visualisation. We need to study all of these technologies to implement them in our demo sites. We also need to develop new business models to make these kinds of interventions possible and attractive for all the stakeholders. Indeed, it is the demonstration of their economic value that is one of the main aspects of this project.

How will you convince owners to accept and invest in such a retrofitting project?
The idea is to show that if people go for energy efficient solutions, they can make significant savings on their bill and better control their energy consumption. What is more, as we are going to improve the thermal behaviour of the building, these solutions will improve users' comfort. In some cases an ESCO—energy service company—together with a construction company, will make the initial investment to implement these technologies. And then the owners can pay this back in the long term through energy savings.

What is the expected impact of this smart city demonstration project?
We hope to be able to replicate widely our strategy in other districts around Europe in order to accelerate the retrofitting uptake of low efficient district stock. The areas chosen for the demonstration sites are similar to many others found around European cities. Apart from the involvement of the citizens, one important condition for replicability is to have a certain level of homogeneity in the district to make the installation of heating and cooling systems at district level easier. We are going to involve a city cluster consiting up of 10 cities and use virtual demonstrations to replicate the benefits and feasibility of our strategy.

Marta Espar

Fundación CARTIF

CARTIF is a horizontal research centre located in Spain, which covers a wide range of scientific disciplines such as such as Energy, Environment, Food and Chemicals, Biomedical, Robotics.

Fundación CARTIF, co-ordinator of the CITyFiED project, is a leading Spanish applied research centre set up in 1994. It possesses 9 technical divisions, in which some 200 research staff are mobilised across energy, environment, food and chemicals, biomedical, and robotics.

The focal point of **CARTIF**'s research areas is ICT and energy. By combining these two fields, a multidisciplinary team is able to design and develop solutions in the specific fields of energy efficiency, energy savings, integration of renewable energy systems, electricity market, demand response, Smart Grid, etc.

CARTIF takes an active part in 10 international networks and platforms such as ISES (International Solar Energy Society) and IEA (International Energy Agency), and it is also the Spanish National Liaison Point for the European E2BA (Energy Efficient Buildings Association).

The Energy Division at CARTIF has carried out many research and development projects in its fields of specialisation. Besides, the current participation in international projects in which it is involved include FP7-EeB projects such as **DIRECTION** and **R2CITIES** (both coordinated by CARTIF), **BAAS**, **BRICKER**, **CAMPUS21**, **iNSPiREe**, **CommONEnergy**.

CARTIF is leading the overall coordination of the project involving 18 partners from 5 different European countries and is also directly involved in the implementation of the CITyFiED methodology in the Laguna de Duero demo site.

Centro tecnológico CARTIF

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> Ali Vasallo, CITyFiED coordinator: "*The current maturity of technology allows us to address the challenge of renovating residential districts and creating nearly-zero energy areas. One of the first steps is to involve all the stakeholders — the neighbourhood, the owners, the energy services and construction companies and the municipalities—in order to make these kind of solutions and strategies available and offer an attractive product for all of them*"

News from our cities

Laguna de Duero (Valladolid), Spain, Lund, Sweden, and Soma, Turkey, are a set of cities, strategically located around Europe, which represent a variety of demonstrative scenarios of city level refurbishment in terms of district and building typologies, ownership models, district heating and cooling schemes and technological solutions for low voltage electricity distributed generation. These cities will address a holistic intervention of district renovation, in line with the pillars of the project objectives (large scale demonstration, maximization of the replication potential, development of innovative and cost effective methodologies, dissemination). All of the main technological aspects (retrofitting of buildings, district heating facility and distributed low voltage generation) will be addressed by means of a systemic approach in each city, in order to achieve significant energy savings, very low energy buildings and very low CO2 emissions. Each location has its own entity with respect to the demonstration capability, because the foreseen interventions will be in depth, covering ambitious energy targets and providing very high replication potential.

Lund – Linero District

Energy Efficiency Measures
Façade renovation
District heating (RES)
Photovoltaic integration
Combined heat and power facility
Smart Grid
Monitoring Platform

Expected Impacts
Energy savings: 30,8%
- Current energy demand: 149,5 kWh/m^{2}yr
- Expected energy demand: 103,4 kWh/m^{2}yr

RES contribution: 70,8%

Laguna de Duero – Torrelago District

Energy Efficiency Measures
Façade renovation
New district heating (biomass)
New Pumping System
Combined heat and power facility
Smart Grid
Monitoring Platform

Expected Impacts
Energy savings: 38,72%
- Current energy demand: 140,69 kWh/m^{2}yr
- Expected energy demand: 86,21 kWh/m^{2}yr

RES contribution: 57,32%

Soma – Manisa District

Energy Efficiency Measures
Façade renovation
District heating (heat recovery – Soma Thermal Plant)
Photovoltaic roof integration
Smart Grid
Monitoring Platform

Expected Impacts
Energy savings: 56,16%
- Current energy demand: 219 kWh/m^{2}yr
- Expected energy demand: 96 kWh/m^{2}yr

RES contribution: 53,16%

Cluster of cities first in line for new renovation approach

As part of the CITyFiED project 11 cities have become what is known as the CITyFiED CityCluster; cities that will frequently partake in all the new methods and discoveries that will come out of the demo sites in Lund, Soma and Laguna. Through virtual modelling the cities will be first in line to see how the CITyFiED city district retrofitting approach could be applicable to their own cities and areas.

"We believe that this way of working, where cities which are facing the same renovation challenges as our demo sites can have speedy access to new methods and best practices, will benefit both the project and the cluster cities", says Work package leader and IVL project manager Jeanette Green. "Since each cluster city also participates in the projects Board of Representatives we will have a natural flow of feedback and insights from them going right back into the project, and vice versa", she continues.

In order to widen the replication potential further the secretariat is now in the process of creating a Community of Interest. About 40 cities, facing the same renovation challenges as the demo sites and the cluster cities will be offered to partake in several technical study tours, workshops and webinars and thus receive access to the projects full knowledge and expertise. Contacts are currently being taken in order to identify the cities that fit the replication potential of the project and that would be interested to be a part of the Community of Interest.

The new City Secretariat has been set up, with the sole purpose of keeping the city cluster coordinated and informed on the latest progresses and methods. Each city will be able to follow the process of the demo sites during the coming years through webinars, newsletters, 'members' city space online, LinkedIn, workshops, virtual models and study tours, and thus be able to use any new knowledge and apply it to their own cities and areas.

"The city set up, with three demo sites, eleven cluster cities and forty cities in the community of interest will require the secretariat to act as both organizer, communicator, central point of contact and match maker between cities. We are looking forward to this work and hope that we can contribute to the success of the program," says Maria Kardborn, Secretariat Manager.

CITY CLUSTER

Cities in the Cluster

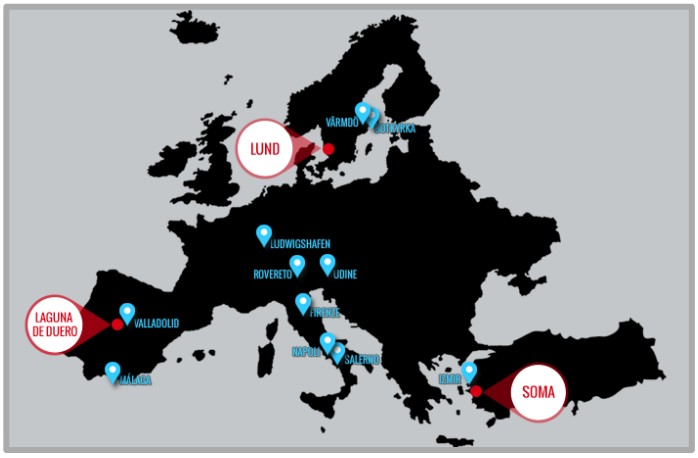
- Botkyrka (Sweden)
- Värmdö (Sweden)
- Izmir (Turkey)
- Ludwigshafen (Germany)
- Málaga (Spain)
- Valladolid (Spain)
- Rovereto (Italy)
- Naples (Italy)
- Salerno (Italy)
- Udine (Italy)
- Florence (Italy)

More information about the CityCluster and the Community of Interest can be obtained at www.cityfied.eu or by contacting cities-cityfied@ivl.se

A smarter, faster route to the future: the CITyFiED Community of Interest

COMMUNITY OF INTEREST

For those towns, cities and municipalities looking to navigate the complex systems of Smart Cities and find the most efficient route to achieving near zero energy districts, CITyFiED has the answer.



A select group of 40 cities and leading associations will be invited to have direct access to innovative, tested and cost effective methodologies and procedures for planning, deploying and replicating energy efficient district retrofitting actions, heating solutions and integrated electricity generation.

This high-level group will also be exposed to a vast array of soft skills – **exchanges of experience on partnerships, finance and legal frameworks to enable more confident, cost effective and time sensitive decision-making**. Either through peer-2-peer exchange with the three demonstration sites and 11 replication cities; a multitude of online learning opportunities, webinars and study tours. It is a low-investment, high-impact formula designed to facilitate your energy goals.

Finally, members of the Community of Interest will become **recognised actors leading European drive for smart cities and energy transition**. Considerable opportunities for partnership building, media visibility and promotion to local, national and European stakeholder groups are assured.

Interested parties may contact alec.walker-love@cityfied.eu to find out more.

What's new on the social web?

Social media to establish and sustain the CITyFiED online reputation and to provide stakeholders dedicated channels to communicate about the project.

CITyFiED started with an aim: empower the results produced by exploiting all available communication channels, with a strong emphasis on the use of social media. Since the kick-off-meeting of the project, we have launched the hashtag "#cityfied" to begin the conversation about the project officially. The launch of the Twitter account @cityfied_eu came with the publication of the project website: you can find a quick link to the Twitter account at the top of the CITyFiED website homepage:

The visual identity of the account mirrors the one of the project website, focusing on the demo-sites and on the smart city concepts: the CITyFiED logo appears as profile picture while a skyline of a smart city has been designed as cover picture.

Twitter is being used in view of positioning the project among EU-funded Smart Cities projects, with tweets in English language and an official tone of voice. Every meeting and official event CITyFiED will participate to will end with a narrative packaged in the following format and will have an echo on Twitter:

You can receive the CITyFiED newsletter as well as other project information by simply registering to the CITyFiED website using your LinkedIn, Facebook, Google+ or Twitter account, after allowing CITyFiED to access them.

All articles published on the CITyFiED web site are equipped with social web buttons, to facilitate sharing with your colleagues, friends and other contacts via social media or e-mail through "mailto".

The next Newsletter will also cover the launch of the CITyFiED Facebook and LinkedIn accounts. Keep on reading about CITyFiED and engage with the project on social media.

Recommended events – Meet us at events

World Sustainable Building Conference

28 – 30 October 2014
Barcelona, Spain

This extensive international conference will welcome nearly 2,000 experts in sustainable building from all over the world and has set itself the ambitious goal of encouraging and accelerating answers to the social and environmental challenges the building sector faces. CITyFiED coordinator Ali Vasallo, Cartif Energy Division Director Sergio Sanz and Dissemination & Communication Secretariat manager Helga Treiber will be available in advance and onsite to speak about the project's programme for a replicable and systemic strategy to create the smart cities of the future.

Event website

EUROCITIES Conference, Energising cities – energy intelligent cities of tomorrow

5 - 8 November 2014
Munich, Germany

How to manage the demand for energy in growing cities without compromising economic and social concerns is central to this year's event – and the programme mixes ideas on mobility management, local renewable energy production and new technologies to explore how our cities can make a crucial contribution to reducing CO2 emissions in future. CITyFiED partner, Steinbeis Europa Zentrum will be onsite following proceedings closely.

Also onsite, the EUROCITIES awards will recognise outstanding achievement by EUROCITIES members in the delivery of local activities or practices that improve the quality of life for citizens. Amongst the nominees is CITyFiED city cluster member Malaga, for their already exceptional energy efficient refurbishment and citizen engagement actions in the 'Los Limoneros' district.

Event website

Smart City World Expo & Congress

18 - 20 November 2014
Barcelona, Spain

Once more to Barcelona, and once more to a leading event in the smart city space. This blend of congress and exhibition will welcome over 300 speakers articulated around a programme with six "tracks": smart society, technology, governance, energy, mobility and the sustainable city. In parallel, the exhibition space features a 2,000m^2 mock up of smart city technologies changing our cities amongst other activities.

Event website

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More information on this Newsletter and related dissemination and communication activities of the project available at:

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Register on **our website** or get access with your LinkedIn, Facebook, Google or Twitter accounts to receive the CITyFiED newsletter via e-mail.

For the purposes of media law, editorial responsibility rests with the CITyFiED Communication Secretariat.

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