



# Introduction to the Replication Cluster

Greenovate! Europe

Bolzano, 28 May 2015



This project has received funding from the European Union's Seventh Programme for research, technological development and demonstration under grant agreement No 609019

## 2 smart cities projects



## 15 cities involved

**8 demos:** Innsbruck, Bolzano, Bratislava, Vienna, Aachen, Tampere, Milan, Sestao

**7 early adopters:** Gothenburg, Plovdiv, Gaziantep, Rosenheim, Seville, La Rochelle, Pafos

## 1 Objective

Sharing 15 experiences (good & bad) with other cities to foster the deployment of smart energy solutions in Europe



# The Replication Cluster

- **A joint initiative of the SINFONIA & EU-GUGLE projects**
  - **More cities = more knowledge to share**
  - **Greenovate! Europe = Dissemination / Communication leader for the two projects**
- **A community of cities committed to develop and implement their own district-scale refurbishment strategies.**
- **A framework to exchange ideas and engage in knowledge sharing activities**



# 13 Replication Cities.... and growing

LaSpezia

Dundee

Burgos Cork

SanSebastian

Pamplona Dubrovnik

Nice Schaerbeek

Lahti Peterborough

Dobrich

Nicosia





**Duration** | April 2013 – March 2019

**Demos** | Milan, Vienna, Tampere, Bratislava, Aachen, Sestao

**Follower cities** | Gothenburg, Gaziantep, Plovdiv

**Focus area(s)** | Building refurbishment

**N° of partners** | 27

[www.eu-gugle.eu](http://www.eu-gugle.eu)



**Duration** | June 2014 – May 2019

**Demos** | Innsbruck, Bolzano

**Early adopters** | Rosenheim, Seville, Boras, La Rochelle, Pafos

**Focus area(s)** | Building refurbishment  
Electricity distribution  
District heating/cooling

**N° of partners** | 37

[www.sinfonia-smartcities.eu](http://www.sinfonia-smartcities.eu)



# What's in it for YOU?

- **Access to tested knowledge from SINFONIA and EU-GUGLE**
  - Energy solutions
  - Financing models
  - Citizen involvement
  - Governance and strategy
- **Support to help you design and implement your own refurbishment projects**
  - Peer review of master plans
  - Visit from a project team to your city
  - Visit in one of our demo cities
- **Networking opportunities**
  - For long term collaboration with cities sharing similar challenges
  - For future smart cities projects
- **And more...**



# What's in it for **US**?

- **Access to tested knowledge from YOUR cities**
  - Energy solutions
  - Financing models
  - Citizen involvement
  - Governance and strategy
- **Support to help us test and validate the tools and methodologies developed in our projects**
  - Peer review of master plans
  - Visit from a project team to your city
  - Visit in one of our demo cities
- **Networking opportunities**
  - For long term collaboration beyond the projects
  - For future smart cities projects
- **And more...**



# The involvement of Replication Cities in practice

## • General involvement

- Invitations to events/workshops (next in May 2016 with EU-GUGLE)
- News about the projects (key deliverables, press releases, etc)
- Get in touch with project partners any time (through G!E or directly)
- Profile on SINFONIA website

## • Specific involvement (on demand)

- A 3 step approach
  - 1 – Peer review of master plans (translations in EN possible)
  - 2 – Onsite visits (in your city)
  - 3 – Return visits (in a demo city)



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# Beyond EU-GUGLE & SINFONIA, a larger community of smart cities

- My Smart City District community

- 7 projects (including Sinfonia & EU-GUGLE) for a total of 22 demos
- Each project with its own knowledge exchange activities
- Only one website to access them all: <http://mysmartcitydistrict.eu/>

- Online community

- LinkedIn: “My Smart City District” group
- Twitter: @MySmartCityD
- Please join and share news and ideas from your city !



# OBJECTIVE OF TODAY

- To kick-start the activities of the Replication Cluster by
  - Informing Replication Cities about EU-GUGLE and SINFONIA
  - Understanding the challenges and needs of the Replication Cities
  - Discussing how best to meet the needs of the Replication cities

# LET'S GET TO WORK !



## Replication Cluster kick-off event

27th May 2015, Bolzano

Venue: EURAC, Viale Druso 1, 39100 Bolzano/Bozen, Italy.

Wednesday, 27 <sup>th</sup> May	
08:45	Arrival and registration
09:00	<b>Welcome</b> Mayor of Bolzano (TBC) Wolfram Sparber, EURAC Director of Institute for Renewable Energy
09:20	Introduction to the Replication Cluster Guillaume Corradino, Greenovate! Europe
09:40	Presentation of Bolzano demonstration Danielle Vettorato, EURAC
10:10	Presentation of Innsbruck demonstration City of Innsbruck & Klaus Kleewein, Standortagentur Tirol
10:40	Questions and answers
10:55	Coffee / Tea break
11:10	Presentations from EU-GUGLE cities Michael Heidenreich, MH Consulting / Greenovate! Europe
11:40	Presentations from Replication and Early Adopter cities <ul style="list-style-type: none"> <li>- Chiara Bianchi, City of La Spezia</li> <li>- Carlos Figueiredo, City of Torres Vedras</li> <li>- John Harrison, Peterborough City Council</li> <li>- Marko Cosmai, Dubrovnik Development Agency</li> <li>- Elena Anastasova, City of Dobrich</li> <li>- Pekka Komu / Johanna Kilpi-Koski, Lahti Region Development LADEC</li> <li>- Artemis Papakostas, City of Nicosia</li> <li>- Richard Faint, City of Dundee</li> <li>- Marina Spyrou, City of Pafos</li> <li>- Susanne Arneborg, City of Borås</li> <li>- Emilie Bout, City of La Rochelle</li> </ul>
13:00	Lunch break
14:00	Introduction to afternoon session Guillaume Corradino, Greenovate! Europe
14:05	World café discussions Part 1 : Participants to rotate between table to discuss: <ul style="list-style-type: none"> <li>- Business models, finance and procurement (Moderator: Michael</li> </ul>



	Heidenreich, MH Consulting) - Integration of renewable energy sources in buildings (Moderator: Roberto Lollini, EURAC) - Building refurbishment (Moderator: Ulrich Santa, CasaClima)
15:30	Coffee / Tea break
16:00	World café discussions Part 2 Participants to rotate between table to discuss: <ul style="list-style-type: none"> <li>- Electricity grid (Moderator: David Moser, EURAC)</li> <li>- Integrated planning and replication tools (Moderators: Karine Laffont, TECHNOFI &amp; Michael Heidenreich, MH Consulting)</li> <li>- Replication activities foreseen in SINFONIA and EU-GUGLE (Moderator: Guillaume Corradino, Greenovate! Europe)</li> </ul>
17:30	Feedback from roundtable moderators
17:50	Conclusions Guillaume Corradino, Greenovate! Europe
18:00	End of workshop
19:00	<b>Dinner at Haselburg restaurant offered by EURAC.</b> <ul style="list-style-type: none"> <li>- 19:00: Departure by bus from EURAC (Viale Druso 1, 39100 Bolzano)</li> <li>- 19:05: Stop at Via Alto Aldige 35 (in center, directly south from Piazza Walther)</li> <li>- 19:10: Stop at Hotel Stiegl Scala (Via Brennero 11, 39100 Bolzano)</li> </ul>