

# Final report on dissemination and replication activities

**FINAL** 

# **SINFONIA**

"Smart INitiative of cities Fully cOmmitted to iNvest In Advanced large-scaled energy solutions"

CONTRACT NUMBER	609019	INSTRUMENT	COLLABORATIVE PROJECT
START DATE	2014-06-01	DURATION	74 MONTHS



FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

**COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019** 

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

**Executive summary** 

The goal of the Work Package 10 is to disseminate and promote the main findings, results, and

outcomes of SINFONIA through tailored activities adding value to the results and disseminating them

in a form adapted to each target audience (relevant stakeholders, decision makers, institutions,

organisations, industry, civil society), increasing the exploitation potential of each result as well as the

overall visibility of the project. Apart from active dissemination and communication, the WP10 aim

was to ensure that the probability of replication of the different district scale solutions is maximised,

allowing their large-scale market uptake in other cities across Europe and beyond.

The present document describes how the different dissemination and replication activities have been

implemented within SINFONIA from M1 to M74 and how the project stands in regards to its WP10

objectives.

Overall, SINFONIA has achieved the wide majority of its WP10 objectives. An important amount of

communication material and tools were developed and actively used during the whole lifetime of the

project. The project results and findings have been disseminated through a vast range of channels both

by Greenovate! Europe and by partners individually. The final dissemination and communication

activities were strongly impacted by the COVID-19 pandemics as planned physical meetings could not

be organised or attended, however the project succeeded in adapting to the context and managed to

reach an important audience with a 6-episode webinar series and a final online policy conference.

Furthermore, WP10 managed to get on board 47 cities from across Europe which have joined the

replication cluster meaning that the project exceeded its initial objective of engaging 40 cities,

representing an important element in its replication efforts. The project also actively collaborated with

other related projects, using the My Smart City District clustering initiative through which different

project-related information has been communicated and disseminated. The website has been

regularly updated, improved and filled with new information and articles, making it a crucial element

for the WP10 endeavours.

This document is the final version of the Dissemination and Replication plan due in July 2020.

#### COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

# **TABLE OF CONTENTS**

1. MANAGEMENT AND IMPLEMENTION OF THE DISSEMINATION STRATEGY	3
1.1 REPLICATION TEAM	3
1.2 EXTERNAL COMMUNICATION PROCEDURES	4
1.3 PROGRESS TOWARDS OBJECTIVES	4
2. PRODUCTION AND USE OF DISSEMINATION TOOLS	5
2.1 PROJECT BRANDING	5
2.1.1 PROJECT LOGO	
2.1.2 VISUAL AND WRITTEN IDENTITY	
2.1.3 THE LEAFLET AND BANNER	7
2.1.4 TEMPLATES	11
2.1.5 NEWSLETTER	11
2.1.6 FINAL PUBLIC BOOKLET	
2.1.7 UNIFIED BANNERS AND INVITATIONS FOR WEBINARS	
2.1.8 OTHER COMMUNICATION MATERIALS	
2.1.9 PROGRESS TOWARDS OBJECTIVES	
2.2 PROJECT WEBSITE	
2.2.1 PROGRESS TOWARDS OBJECTIVES	
2.3 DISSEMINATION EVENTS	_
2.3.1 PROGRESS TOWARDS OBJECTIVES	
2.4 PUBLICATIONS	
2.4.1 PROGRESS TOWARDS OBJECTIVES	
2.5 CASE STUDIES	
2.5.1 PROGRESS TOWARDS OBJECTIVES	
3. REPLICATION ACTIVITIES	
3.1 CLUSTERING WITH OTHER SMART CITIES PROJECTS	
3.2 BUILDING A NETWORK OF REPLICATION ACTORS	29
3.3 DELIVERING ENABLING KNOWLEDGE TO THE REPLICATION CLUSTER	32
3.3.1 WORKSHOPS	32
3.3.2 PEER REVIEW OF MASTER PLANS	33
3.3.3 STUDY TOURS	
3.4 PROGRESS TOWARDS OBJECTIVES	34
4. ANNEXES	35
4.1 ANNEX 1 : LIST OF DISSEMINATION EVENTS	35
4.2 ANNEX 2 : LIST OF PUBLICATIONS	63
4 3 ANNEX 3 · DOCUMENT INFORMATION	87

#### COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

# 1. MANAGEMENT AND IMPLEMENTION OF THE DISSEMINATION STRATEGY

#### 1.1 REPLICATION TEAM

A Replication Team was established at the beginning of the project to efficiently coordinate and implement the dissemination, communication and replication activities of the project. It seeks to identify suitable opportunities to communicate about the project, and to ensure that all communication material correctly reflect the scientific content of the project. The Replication Team is led by Greenovate! Europe, and consists of a restricted group of project partners for increased efficiency:

G!E	Guillaume Corradino
G!E	Martin Stroleny
RISE	Håkan PERSLOW
RISE	Jenny LÖÖF
ALPS	Daniela HOHENWALLNER
SAT	Klaus KLEEWEIN
EURAC	Alyona ZUBARYEVA
BORAS STAD	Susanne ARNEBORG
LA ROCHELLE	Emilie BOUT
CEMS	Joaquín BUENDIA
PAFOS	Constantinos KYTHREOTIS
ZABALA	Marcos JARENO
DOWEL (TECHNOFI)	Karine LAFFONT-ELOIRE
ROSE	Robert FREUND

**TABLE 1 MEMBERS OF THE REPLICATION TEAM** 

At project level, Greenovate! Europe coordinated the replication campaign and led the Replication Team. At Pilot-district level, representatives from Bolzano and Innsbruck were responsible for contributing to the development of communication materials and for implementing the Dissemination strategy among local partners and in their respective countries.

FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

**COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019** 

WORK PACKAGE: 10 VERSION: FINAL

DATE: 16.07.2020

1.2 EXTERNAL COMMUNICATION PROCEDURES

In order to ensure efficiency and consistency of all communication related to the project, the

Replication Team has established internal guidelines for the production, approval and dissemination

of communication materials, as well as for the coordination of dissemination events.

1.3 PROGRESS TOWARDS OBJECTIVES

The Replication Team has functioned relatively well, even though the flow of information between the

Replication Team and the local partners was not always optimal, which was expected in such a large

project involving more than 40 different organisations. The establishment of local "communication

teams" in each of the two demo cities during the period however partially contributed to overcome

this issue.

To further facilitate communication between the WP leader and the local partners, a "news submission

form" was created by G!E and circulated to all WP10 partners to help them contribute easily to news

and articles for the SINFONIA website.

The External Communication procedures were collectively reviewed and circulated to all partners at

the beginning of the project and validated again by the Replication Team during the M12 Project

meeting held in Bolzano. Implementation has however been flexible, since some partners have

published articles in various publications without informing the replication team or the consortium

and thus without review or coordination at WP level.

To improve collaboration and understanding of dissemination challenges within the consortium, G!E

organised a "world café" workshop to discuss how to maximise the outreach of SINFONIA results for

all project partners as part of the M36 project meeting in Pafos, Cyprus. The workshop helped partners

reflect on the most important results coming out of the project, and on the best ways to disseminate

them to the right stakeholders. Keeping partners mindful of the project's results is also particularly

important for the exploitation activities, as it was an opportunity to review the map of project results

produced by DOWEL/TECHNOFI as part of T10.5. The findings of this workshop were integrated into

the WP10 activities and helped finetune the map of exploitable results. Based on the outcomes of this

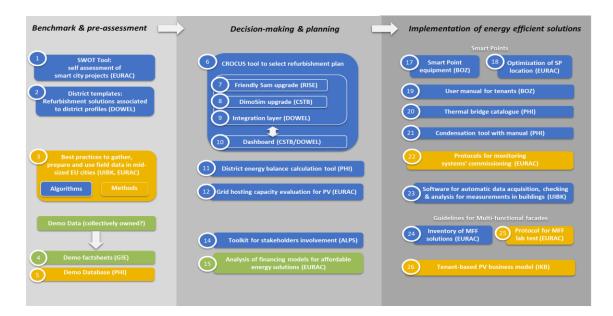
meeting, WP10 structured and progressively updated the mapping of exploitable results:

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4

#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020



# legend



FIGURE 1 MAP OF EXPLOITABLE RESULTS

Several changes in terms of personnel have been experienced in the replication team over time, which however did not have any particular negative influence on its work and role.

Even though the COVID-19 pandemics had a lot of influence on SINFONIA and its final dissemination activities, the WP10 team managed to adapt to the situation and ensure that the dissemination and replication strategy is implemented and the achievement of its planned objectives maximised despite the unfavourable context.

# 2. PRODUCTION AND USE OF DISSEMINATION TOOLS

Dissemination tools include all actions intended to raise awareness about the project among the various target audiences. Specific replication tools have been designed to engage potential replicators, and are described in a subsequent section of this document.

#### **2.1 PROJECT BRANDING**



#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

#### 2.1.1 PROJECT LOGO

A project logo was developed at the beginning of the project. It is at the centre of the visual identity of the project and shall be used in all communication materials. The selected design is meant to illustrate two ideas:

- Integration, with various components fitting with each other;
- Synergy and cooperation, with the different components converging in one direction;

In its default version, the logo is made of different tints of blue, however additional versions in greyscale, black and white have been produced for more flexibility.







FIGURE 2 SINFONIA LOGO IN ITS DIFFERENT VERSIONS

The logo has been systematically and consistently used by all partners in all digital and non-digital communication and dissemination about SINFONIA.

#### 2.1.2 VISUAL AND WRITTEN IDENTITY

In addition to the logo, complete visual and written identity guidelines were developed to ensure consistent communication about the project and to create its specific identity differentiating it from other projects and making it easy to be recognised. These guidelines were put together in a single document and circulated to the consortium. The document explains in details how to use the visual identity in communication materials, and includes templates for Word and PowerPoint documents.

FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

**COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019** 

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Besides the visual identity, a "written identity" provides some key messages of different formats,

adapted to various contexts. The written identity includes:

A tagline;

• A presentation of the project in 1 sentence;

A presentation of the project in 4 bullet points;

A presentation of the project in half a page;

A presentation of the project in one page.

These visual and written identity guidelines have proved necessary in a large consortium such as the

SINFONIA one. The written identity, in particular, was regularly used to draft news articles for the

SINFONIA website or describe the project to other organisations. In general, partners have used and

respected the set guidelines over the project lifetime..

**2.1.3 THE LEAFLET AND BANNER** 

A leaflet providing an overview of the project was developed in 3 languages (EN, IT, DE) in order to

stimulate and foster dissemination by the pilot districts both at regional and national levels. It utilises

the visual identity developed for the project and includes 4 sections:

• .. An introduction to the project and the project's main objectives;

• .. An overview of the pilot districts of Bolzano and Innsbruck, including the list of measures planned

within SINFONIA and other key figures;

• .. A page dedicated to the replication activities, to invite potential replicators to join SNFONIA's

replication cluster;

• .. The full list of consortium members as well as third parties, together with contact details of the

Coordinator and dissemination/communication manager.

At M20, 1750 copies of the leaflet had already been printed and distributed to partners: 500 in English,

500 in Italian, 750 in German (including 250 for Bolzano).

#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Demand for the brochure was high, therefore 1500 additional copies were printed by G!E at M31, plus some more by the two demos. The brochure was updated at this occasion to reflect changes in the consortium.

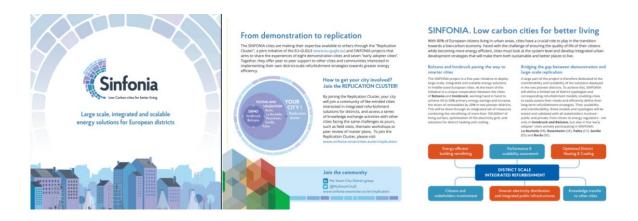




FIGURE 3 LEAFLET OF THE PROJECT IN THE ENGLISH VERSION

The leaflet was then printed and provided at any necessary occasion and on demand from partners. In addition to the leaflet, a roll-up banner was developed in English, German and Italian and printed in the following quantities:

- 3 English versions (1 for G!E + 1 for each demo city)
- 2 German versions (1 for each demo city)
- 1 Italian version (for Bolzano only)

#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020



FIGURE 4 ROLL UP BANNERS IN EN, DE AND IT

In addition, some local partners developed a series of communication materials for specific events listed below.

#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020



# FIGURE 5 - A1 POSTER PRODUCED BY ATB FOR KLIMAENERGY FAIR (26-28 MARCH 2015)



# FIGURE 6 - BROCHURE PRODUCED BY SEL FOR KLIMAENERGY FAIR (26-28 MARCH 2015)



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#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

#### 2.1.4 TEMPLATES

In continuity with the written and visual identity, Microsoft Word and Microsoft PowerPoint template documents were developed for all partners to use either in its entirety or in partial manner for external communication. These templates have been used consistently during the whole duration project for meeting agendas, presentations, reports and other dissemination activities.

#### **2.1.5 NEWSLETTER**

A newsletter entitled 'Smart City News', produced jointly by SINFONIA and EU-GUGLE has been designed and disseminated. Six issues have been produced and distributed, each showcasing achievements from the demo cities. The Newsletter is mainly addressed to cities of the Replication Cluster.

#### **2.1.6 FINAL PUBLIC BOOKLET**

Before the end of the project, G!E together with RISE and DOWEL (former TECHNOFI) produced a final public booklet of 28 pages presenting in an attractive way the main achievements, results, tools and solutions as well as conclusions and recommendations of SINFONIA. A total of 300 copies of this booklet have been printed for project partners to distribute both in hard and digital forms. The distribution of this booklet beyond the project's end will facilitate the uptake of SINFONIA results, and their replication in other cities.



**FIGURE 7 FINAL PUBLIC BOOKLET** 

#### 2.1.7 UNIFIED BANNERS AND INVITATIONS FOR WEBINARS



#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

To increase the outreach of SINFONIA's webinars and attract as much audience as possible, WP10 developed a set of unified attractive banners for each of the 6 webinars which were named SINFONIA 'Smart City Talks'. The banners were used in invitations and promotional articles and had a similar layout and form but differed in terms of colour, making it easy for the stakeholders to recognise them. A similar banner was also created to promote the final policy conference which was held online. Examples of these banners can be seen below in Figure 7:



FIGURE 8 SINFONIA SMART CITY TALKS BANNERS EXAMPLE

#### 2.1.8 OTHER COMMUNICATION MATERIALS

In addition to those specifically described in the DoW, partners also developed communication materials adapted to the local needs. The following local communication tools have been produced:

- In 2017, BOZ launched the development of folding signs to produce in Italian and German language. These signs contain general and detailed information about the energy-saving works related to the buildings of the Passeggiata dei Castani and Via Aslago;
- CasaClima developed a flyer in Italian, German and English to be used during the CasaClima
  Tour 2016. Production took place in July 2016 in collaboration with G!E, for use in September
  and November 2016 (see list of dissemination events further below);
- In collaboration between CasaClima, Eurac and the Municipality of Bolzano, user manuals dedicated to renovated buildings tenants were created both in German and Italian;
- At M18, alpS also produced SINFONIA stickers on the occasion of a WP6 event with school children.

#### 2.1.9 PROGRESS TOWARDS OBJECTIVES



#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

The main objective related to project branding was to deliver a set of basic communication materials by Month 6 and to ensure their effective use by all project partners.

All communication materials have been successfully delivered as planned. In addition, an A1 poster template was produced by G!E to further support partners in their various dissemination activities.

The project logo has been systematically used by partners, hence project identity has been successfully established. As indicated in the sections above, some partners even developed their own materials using the SINFONIA identity, contributing significantly to local and national dissemination efforts of SINFONIA.

A final attractive booklet has been produced and will help to keep communicating about SINFONIA after project end.

#### 2.2 PROJECT WEBSITE

A web portal has been developed to support dissemination and replication activities throughout the project. The portal can be accessed at <a href="https://www.sinfonia-smartcities.eu">www.sinfonia-smartcities.eu</a>, and includes the following main features:

- .. An introduction to the project and consortium;
- ...Pages dedicated to the pilot districts of Bolzano and Innsbruck, each providing key information about the related objectives and work



undertaken as part of SINFONIA as well as case studies including a factsheet (including details and pictures on each demo site), two thermographs (before/after renovation, for some of the case studies) and a promotional video for each demo city;

- Pages dedicated to each Early adopter city, presenting their key characteristics as well as their ambitions for district refurbishment;
- A "Tools and Results" section created at M74 representing the key results generated by the project in three categories according to the results mapping created as part of T10.5;



#### COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

- A "Resources" section created in M74 compiling all webinars, communication materials (promotional videos, leaflet, banner, etc.) and public deliverables/reports produced by the project;
- A section dedicated to My Smart City District campaign, designed to invite other cities to join SINFONIA's Replication Cluster;
- A "Replication cluster" section demonstrating the 47 cities involved in the "Replication Cluster" initiative together with their short descriptions and contact details;
- A news/events section;
- Links to other district scale renovation initiatives and projects;
- A section with main contacts;
- A link to the internal and secured document repository.

The website went through a major update between M32 and M36. The following features were added:

- The news section was re-shaped to act more as a 'Smart Cities' blog, featuring articles in different thematic categories. Content started to be fed directly into a public newsletter called 'Smart City News', dedicated to Replication Cities.
- The "Knowledge Center" was also revamped to make room for a new type of content: tools and results from the project, which will mirror the mapping of results carried out as part of the exploitation activities. Each key tool and result had its own sub-page and was characterised in a user friendly way. These pages also enabled users to download or access the tool/result itself, and get in contact with the partner responsible for it.

Another major update of the website was performed between M70-M74. The following features were included:

- Creation of a new "Tools and Results" section dedicated to tools and results generated by the project and based on the results mapping performed in T10.5 (see Figure 1). This section partially replaced the former "Knowledge Center" The different results and tools are presented in this section under three main categories, each referring to different phase of measures implementation (benchmark and pre-assessment, decision-making and planning, implementation of energy solutions). Each category is separated by a different colour shade to increase the readability. A monochromatic icon has been created for each result/tool to ensure that the results are showcased in a unified and clear way..
- Creation of a new "Resources" section. The communication material and reports/publications
  previously included in the "Knowledge Center" were moved to the newly created "Resources"
  section in order to avoid mixing communication/dissemination material with generated results



#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

and developed tools, increasing the visibility of SINFONIA results and making it easier for the reader to navigate on the website. Additionally, a sub-section dedicated to recorded webinars was also included in this section, to increase the visibility of the organised webinar series and SINFONIA final webconference and make them available and easily accessible.

• Migration of the Sinfonia stakeholder toolkit from the WordPress domain, initially owned by SINFONIA partner AlpS, to the SINFONIA website to promote it and maximise its exploitation and use. The toolkit is included in the "Tools & Results section and is fully functional and clickable. It can be accessed at: <a href="http://www.sinfonia-smartcities.eu/en/stakeholder-engagement-toolkit/">http://www.sinfonia-smartcities.eu/en/stakeholder-engagement-toolkit/</a>.

As we can see below, between September 2016 and July 2020 the website attracted more than 19,000 users. The highest number of users per country was respectively Italy, Germany, Austria, the United States and France. As for Italy, this is easily explained by the fact that one of the demo cities was Bolzano situated in Italy and by the fact that Italian partners were very much involved both in local and international dissemination activities. Concerning Germany, the follower City of Rosenheim organised several events and has been very active in dissemination during the lifetime of the project. Furthermore, since Innsbruck was one of the two pioneer cities meaning a significant participation of Austrian partners, there has been quite an important amount of content available in German. There are also close links between Austrian and German cities given their cultural and language similarities as well as the geographic proximity. The fourth place belongs to the United States, which is an interesting fact. This may be explained by the fact that Smart Cities and related topics are gaining a lot of popularity in the United States, which is also why the SINFONIA webinar series attracted some attendees from this part of the World. The number of French visitors can be explained by the involvement of the French city La Rochelle as a follower city of the SINFONIA project, that also organised an event dedicated to the SINFONIA project. La Rochelle disseminated information about the project and thus helped increase the number of visitors from France. Apart the United States, the project also significantly reached out to other countries outside Europe, such as Russia and Canada.

#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Country	Users   ✓ ↓	Users
	19,327 % of Total: 100.00% (19,327)	19,327 % of Total: 100.00% (19,327)
1. ■ [ ] Italy	4,313	22.14%
2. Germany	1,946	9.99%
3. Austria	1,820	9.34%
4. Image: United States	1,432	7.35%
5. France	994	5.10%
6. ■ <u>■</u> Spain	884	4.54%
7. Russia	693	3.56%
8. Belgium	614	3.15%
9. ■ ## United Kingdom	597	3.06%
10. Canada	428	2.20%

#### FIGURE 9 PROJECT WEBSITE USERS STATISTICS FROM SEPTEMBER 2016 TO JULY 2020

In Figure 9, we can analyse the individual sections of the website which have been visited the most from September 2016 to July 2020. Naturally, the landing page holds the first position and second goes to the general project description section. The "pilot cities" section has been visited almost 5,000 times demonstrating the interest of web visitors in our pioneer cities and their story. The knowledge center has been visited 4,500 times which places it at the four position. This confirms the attractiveness of tools and results generated by SINFONIA.

#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

P	age ?	Pageviews ?	4	U
		100 % of Total: 100.00% (	<b>0,666</b> (100,666)	
1.	/ @	18,933	(18.81%)	
2.	/en/project @	5,863	(5.82%)	
3.	/en/pilot-cities	4,904	(4.87%)	
4.	/en/knowledge-center	4,502	(4.47%)	
5.	/en/demo-city/bolzano	2,804	(2.79%)	
6.	/en/replication-cities	2,770	(2.75%)	
7.	/en/blog	2,411	(2.40%)	
8.	/it/	2,308	(2.29%)	
9.	/de/	2,193	(2.18%)	
10.	/en/demo-city/innsbruck	1,690	(1.68%)	

#### FIGURE 10 PROJECT WEBSITE SECTION VISITS STATISTICS FROM SEPTEMBER 2016 TO JULY 2020

In total between December 2014 and July 2020 there have been 27,186 users, each of them visiting the website 1,5 times on average, as demonstrated in the below Figure 9.



FIGURE 11 OVERALL STATISTICS FROM DECEMBER 2014 TO JULY 2020

#### **2.2.1 PROGRESS TOWARDS OBJECTIVES**

The main objective of the website is to act as a single-entry point to all public knowledge about SINFONIA. Through its translation in German and Italian, the website is also meant to be particularly attractive to stakeholders in the two demo cities. The main descriptions and sections, such as the project description, are available in English, Germany and Italian, however the majority of the features

FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

**WORK PACKAGE: 10 VERSION: FINAL** 

**DATE: 16.07.2020** 

and articles are only availably in English, although some local partners did sometimes provide

translation for articles in German or Italian.

Since its launch at M8, the website has been regularly updated:

More than 140 news and events items have been published over the project's lifetime;

- The structure has been progressively adapted to allow for more information on demo cities

and early adopters to be published. This update was discussed and agreed collectively within

the Replication Team.;

The structure has also been reviewed to increase the visibility of results/tools and

dissemination/communication material (including webinars) and to make it easier for the

visitor to navigate;

The stakeholder toolkit was moved from a WordPress domain owned by AlpS to the SINFONIA

website.

Overall, the website has received many positive feedbacks and has even been nominated for the .eu

Web Awards 2017, under the category "Better world". G!E attended the award ceremony in Brussels

on 21 November 2017. The project was ultimately not selected for an award but gained some visibility

in the process. The nomination to this award attested of the website's quality and attractivity.

Furthermore, as a result of a close collaboration and ceaseless discussions with the consortium, it has

been adapted and reviewed according to SINFONIA needs during the whole duration of the project

In general, the objectives of the website have been achieved, however, some specific material, such

as a small number of fully completed factsheets or publishable summaries of some deliverables, have

not been provided by partners despite several requests and could thus not be updated or uploaded on

the website, which will remain available for at least 5 years following the end of the project. Also, given

the important volume of content and its technicality, the majority of items are only available in English.

The website nonetheless succeeds in presenting the project, its main results as well as its activities and

therefore serves as a single-entry point to all SINFONIA-related knowledge.

2.3 DISSEMINATION EVENTS

To date, the following dissemination events have been organised:

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FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

• Local Stakeholder event in Innsbruck. In order to allow for more in-depth discussions with

stakeholders, SAT organised two distinct "dialogue events" with local stakeholders. The first one,

organised in April 2015, focused on energy efficient buildings, while the second one, organised in

September 2015, focused on energy networks. On each occasion, about 20-25 participants were

informed about the local refurbishment plans and engaged into discussions on the implementation

and future opportunities of cooperation.

• Local Stakeholder event in Bolzano. Originally due for M24, the demo city of Bolzano decided to

take advantage of the Klimahouse exhibition organised on the 28-30 January 2016 in Bolzano. A

dedicated side-event on SINFONIA was organised in this context, hence ensuring a large

participation from regional stakeholders.

National dissemination event in Sevilla. As foreseen in the Description of Work, each early adopter

city was supposed to organise a national dissemination event to promote the project results and

ambitions to regional stakeholders of relevance. The first of such events took place in Sevilla on 10

June 2016 and was organised by the EMSASEA with active support from Zabala and Greenovate!

Europe. The workshop was an opportunity for local stakeholders to learn about what SINFONIA can

offer, and discuss the main urban challenges facing Spanish cities.

• National dissemination event in Pafos. After Sevilla, Pafos held the second national dissemination

event at the occasion of meeting hosted by the city on 30 May 2017. The event was organised by

the city, with active support from Greenovate! Europe's third party Atlantis. The event attracted

regional stakeholders, mainly from municipal services and universities working on sustainable

urban development. Expected results from the project were presented, followed by a discussion on

how Cyprus can benefit from the knowledge generated by the project.

. 1 kick-off event with Replication Cluster cities. Hosted by Bolzano on 27 May 2015 (M12), this 1-

day event was organized to kick-off the work with the Replication Cluster. Eleven representatives

from the cities of La Spezia, Peterborough, Nicosia, Lahti, Dobrich, Torres Vedras, Dubrovnik, Pafos

and Boras were informed about the project objectives and engaged into interactive discussions on

business modeling, integration of renewable energy sources in buildings, refurbishment concepts,

electricity grid, integrated planning and replication tools with experts from the SINFONIA

consortium. The entire afternoon was dedicated to such interactive sessions, which allowed invited

FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

cities to better understand the work undertaken within the project but also formulate their own expectations as to the type of knowledge required to carry out their own plans.

- CasaClima Tour 2016 and CasaClima Tour 2017. Since 2016 Agenzia CasaClima has been organizing several events all over Italy to disseminate relevant aspects related to sustainability and energy efficiency of new and refurbished buildings and to describe the SINFONIA project as a good practice. The events were scheduled as all day or half day meetings and organized with the support of the local professional associations (architects, engineers). During the events four main issues were addressed to the audience:
  - guidelines for the rational use of energy and increase of renewable energy use;
  - assessment criteria for sustainable buildings: how to plan, build and operate a sustainable new construction;
  - CasaClima R: guidelines for refurbishment of existing buildings;
  - local best practice and FP7 SINFONIA project.
- Study visits for social housing companies. IDM organised two study visits for social housing companies at the via Brescia/Cagliari demo site. The first one on 7 November 2017 for EurHornet members, and another on 8 November for the FEDERCASA (Italian association of social housing companies). In both cases, participants were particularly interested in learning about the technical solutions implemented and the practicalities of managing the presence of tenants in the apartments during the works.
- . At M42 (November 2017), Bolzano and Innsbruck organised dissemination activities back to back with the M42 Project Meeting:
  - In Bolzano, a study visit of demo buildings was organised on 27 November 2017 for local stakeholders, project partners, the European Commission, and representatives from other municipalities (i.e from the Replication Cluster). The organisation was led by IDM and EURAC.
     The visit included tours of the Via Brescia building and of the DHC demo led by Alperia.
  - In Innsbruck, SAT and UIBK co-organised a conference on "Innovative buildings in the Smart
    City Innsbruck" on 28 November 2017, together with Institut Français and the Embassy of
    France to Austria. The event included presentations from SAT and EURAC, and a tour of IIG and
    NHT demo buildings, during which the first factsheets were distributed.



#### COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

- . Working table with companies of the building sector: "How to refurbish with prefabricated wooden structures? What are the technologies, their manufacturing and the advantages?" Many companies of the construction sector attended the working table organized on 14 September 2018 at NOI TechPark in Bolzano organised by CasaClima, dedicated to the experiences of refurbishment with prefabricated façade. Intervention on the different technologies curated by Stefano Avesani of Eurac Research and presentation of the project Sinfonia by Martina Demattio. Arch. Manuel Benedikter and Arch. Alberto Sasso illustrated the planning and refurbishment stages of the demo site of the Municipality of Bolzano in Via Passeggiata dei Castani.
- Rosenheim presentation. On 2018 November 27th ROSE organised a presentation about the activities in Sinfonia to the Committee on the Environment, Energy and Climate Protection of the City of Rosenheim. This was mainly an update in order to keep the political representatives informed about activities and progress within the project. Besides of the political representatives the general public is also invited to take part in those meetings. The presentation focused on preliminary results of the study of Passive House Institute on the district Rosenheim-Kastenau.
- KlimaHouse Fair 2019 and KlimaHouse Conference. From 23 to 25 January 2019, CasaClima and EURAC presented the Sinfonia Project at the three-days trade Fair KlimaHouse 2019 in the city of Bolzano. CasaClima organised a three-day conference entitled "Smart Future". Each day of the conference has been focusing on a different topic, from Smart Cities to Smart buildings and Smart materials". On the first day, dedicated to the cities of tomorrow, lessons learnt and perspectives from the Sinfonia project were presented by Wolfram Sparber (Eurac Research) and Wolfgang Streicher (Universität Innsbruck) in the framework of the conference Smart cities from the experience of the Sinfonia project to the future scenario for intelligent cities. After a session dedicated to the activities planned in the framework of Sinfonia sister project Stardust illustrated by Daniele Vettorato (Eurac Research), attendees were invited to take part in a round table discussion on the cities of the future with the mayors of Trento and Bolzano and a representative from Innsbruck City Council. The session, organised by CasaClima and Eurac Research, was closed by a discussion with Sinfonia project partners related to the project's achievements and best practices to be shared with the audience. A video of the conference is available at following link: https://www.youtube.com/watch?v=rLAlvNYy4Mw

FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

• . Rosenheim Environmental Day. On 18 May 2019 the Environmental Day 2019 was organised on the

central square of Rosenheim (Max-Josefs-Platz). There were more than 30 exhibitors taking part in

this event. The SINFONIA project was part of a larger presence of the municipal administration

related to environmental topics and what kind of activities the city is taking in this context. The

main target group was the general public. Sinfonia project flyers have been offered and additional

information was given in personal conversations. The Environmental Day opened at 10 am and

closed at 4 pm.

• . CasaClima events at national level. During the fifth reporting period, CasaClima organised further

events at national level to disseminate relevant aspects related to sustainability and energy

efficiency of new and refurbished buildings and to present SINFONIA as a best practice. The events

were scheduled as all day or half day meetings and organised with the support of the local

professional associations (architects, engineers). During the events, four main issues were

addressed to the audience:

• guidelines for the rational use of energy and increase of renewable energy use;

• assessment criteria for sustainable buildings: how to plan, build and operate a sustainable new

construction;

guidelines for refurbishment of existing buildings;

local best practices and FP7 Sinfonia project.

• . Smart City Rosenheim – Low Carbon Cities for Better Living conference in Rosenheim, Germany.

This dissemination event was organised on 12 September 2019 specifically for the local stakeholders

of Eearly Adopter City Rosenheim.

• . 23rd International Passive House Conference in Gaobeidian, China. During this PHI event which

took place between 9-11 October 2019, SINFONIA was presented in three sessions of the

programme.

• . 3rd International Conference On "Smart And Sustainable Planning For Cities And Regions – Sspcr

2019" in Bolzano, Italy. During this event organised by EURAC, SINFONIA was presented in various

sessions from 10-12 December 2019.

#### COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

- Webcasts (webinars). In the last 6 months of the project, G!E organised a series of 6 webcasts (1 per month) which, for a better attractivity, the partners decided to name "Sinfonia Smart City Talks". It has been developed with the Replication Cluster and promoted through different channels including the SCIS, EIP-SCC and BUILD-UP websites but also through the Replication Cluster, Replication Task Group or the Stardust SCC01 project consortium. The webcasts gathered more than 200 attendees and presented the main tools, findings and results developed/achieved during SINFONIA.. It also allowed the attendees to interact with SINFONIA partners. The webinars have gained an important success and strongly contributed to disseminating the findings of the project. They also served as workshops for the Replication Cluster given that no final physical meeting could be organised, however all identified topics of interest were covered by the webcasts. The following 6 episodes were organised:
  - 24 January 2020: Becoming a Smart city: How did they do it?
  - 19 February: Investing in deep refurbishment: Is it worth it?
  - 12 March: Integrated energy planning: good practices for municipalities
  - 2 April: Tools to get urban energy planning right
  - 13 May= How to engage users in public renovation works
  - 17 July: Data for citizens: using sensors and interactive totems to provide smart urban services
    - The webinars are avaible at: shorturl.at/KST38
- . SINFONIA final policy webconference: Mid-sized cities as motors of the energy transition. Following the COVID-19 pandemics and the necessity to cancel the initially planned conference, which was supposed to take place in April 2020 in Brussels, G!E organised on 30 June, 2020, its final policy conference online. The conference presented the main findings, results and experience of the involved cities. It also dealt with and discussed with external attendees the topic of renovation policies, replicability and energy monitoring. Last but not the least, the conference presented the future ambitions and plans of the involved cities and partners. It gathered more than 80 attendees and is available at: <a href="https://bit.ly/3iXX1G7">https://bit.ly/3iXX1G7</a>

In addition to these activities SINFONIA partners took part in numerous dissemination events and activities organised by third parties worldwide (as reported in the Periodic Report). These dissemination activities are listed in **Annex 1**: **list of dissemination events (p.36).** 

#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

#### **2.3.1 PROGRESS TOWARDS OBJECTIVES**

Overall, the objectives fixed by SINFONIA in terms of dissemination events and meetings have been achieved.

During its lifetime; SINFONIA has achieved the following objectives:

- The kick-off event with the Replication Cluster successfully took place in Bolzano at M12 (27 May 2015);
- Both Bolzano and Innsbruck organised several targeted workshops/events;
- Partners promoted the project through a significant number of dissemination events and channels;
- Seville, Pafos and Rosenheim each organised a dissemination event, however Boras and La Rochelle have not managed to organise one, partially as result of the COVID-19 pandemics.
   They however engaged in local dissemination activities to disseminate about the project;
- Casaclima has been promoting the project throughout Italy;
- A total of 6 "Sinfonia Smart City Talks" webinars have been organised (their recordings are available at this link: <a href="https://bit.ly/3iXX1G7">https://bit.ly/3iXX1G7</a>)
- Despite the COVID-19 pandemics and the cancellation of an initially planned physical conference supposed to take place in Brussels in April, G!E successfully organised a final policy conference online during which the main results and findings were presented. The meeting in Brussels was supposed to also include an afternoon session dedicated to a final workshop for the Replication Cluster. The workshop could not be organised for obvious reasons, however the webcasts created in cooperation with the Replication Cluster and to which the replication cities were invited to participate covered the totality of the topics which were intended to be dealt with as part of the physical workshop. The recording is available at: <a href="https://bit.ly/3iXX1G7">https://bit.ly/3iXX1G7</a>)

# **2.4 PUBLICATIONS**

During its lifetime, the project was promoted in several publications, as listed in **Annex 2: list of publications (p.64)** 

FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

**COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019** 

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

**2.4.1 PROGRESS TOWARDS OBJECTIVES** 

In terms of publications, the project's objective is to publish at least 2 scientific papers in peer reviewed

international journals by the end of the project, but also to reach out to the general public through the

press. More than 20 scientific papers and conference proceedings have been published and the project

has thus achieved its objectives

In total, however 69 publications mentioning SINFONIA were published, including many in medias not

linked to any project partner.

2.5 CASE STUDIES

Templates of case studies were developed by the Replication Team at M18 in order to structure the

technical communication about demonstration sites.

Case studies are composed of three elements:

• .. Factsheets: In order to facilitate and maximise the impact of communication and dissemination

activities, a set of factsheets for the majority of the demo sites have been produced. However,

getting input from relevant construction companies on the factsheets have shown as very difficult,

thus, despite ceaseless endeavours the Replication Team has not managed to gather factsheets on

each of the demo-sites. The templates for such factsheets were produced at M18, and the first 5

factsheets (not complete) were drafted between M35 and M38, corresponding to the most

advanced buildings. The following factsheets have been provided and made available on the public

website:

+Bolzano

Building demo sites:

Via Brescia (only demonstrating the pre-refurbishment phase)

Via Cagliari (only demonstrating the pre-refurbishment phase)

Via Aslago (only demonstrating the pre-refurbishment phase)

Via Castani (only demonstrating the pre-refurbishment phase)

Via Similain (only demonstrating the pre-refurbishment phase)

Non building demo sites

District Heating Cogeneration

()

#### COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Smart Points

#### Innsbruck

#### Building demo sites

- Sillblock Sebastian-Scheel Straße
- Fennerstraße & Oswald-Redlich-Straße
- Volksschule Angergasse
- Brucknerstraße / Hugo-Wolf-Straße / Viktor-Danklstraße
- Reichenauerstraße 62, 64, 66
- Reichenauerstraße 94
- Gumppstraße / Koflerstraße / Panzing / Kranewitterstraße / Langstraße / Langstraße / Panzing

# Non-building measures

- Heat recovery transformer station
- Powerhouse Rossau
- Smart Flowers FAR
- Power2Heat
- IKB Smart District

#### Each factsheet for building measures includes the following sections:

- 1. Profile of building/demo
- 2. Description before refurbishment
- 3. Description of refurbishment concept
- 4. Implementation of the work
- 5. Description after refurbishment

#### Each factsheet for non-building measures includes the following sections:

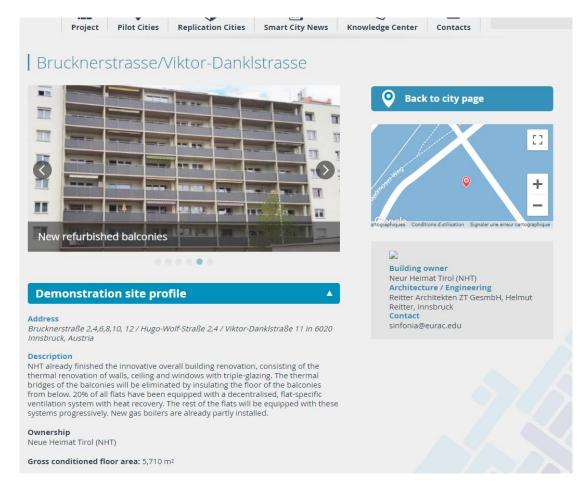
- 1. Profile of non-building/demo
- 2. The concept
- 3. Implementation
- 4. Monitoring (if relevant)

Factsheets have been completed and compiled progressively as the works has been progressing on the ground. The provided factsheets have been uploaded and made available on the SINFONIA website.



#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020



**FIGURE 12 FACTSHEET EXAMPLE SCREENSHOT** 

• .. Documentaries: the two demo cities have set up working groups to manage the production of local videos that can be published in YouTube and on the SINFONIA website. These were produced for each pilot city and have been published on the <u>SINFONIA website</u>, and are available in English, German and Italian (for Bolzano only). Two additional videos respectively on IKB Biomass Gasification plant and Display to consume less and live more comfortably are also available on the <u>website</u>.

#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020



FIGURE 13 - SCREENSHOT FROM BOLZANO'S VIDEO



FIGURE 14 SCREENSHOT FROM INNSBRUCK'S VIDEO

• .. Thermographs (one before, one after the renovation) to highlight the gain in insulation performance of buildings after the implementation of the SINFONIA solutions have been produced by the demo cities on various sites. They have been used by technical WPs and have been integrated into some of the building factsheets, depending on whether the related partner provided them to the Replication Team or not.

FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

**COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019** 

WORK PACKAGE: 10
VERSION: FINAL

DATE: 16.07.2020

**2.5.1 PROGRESS TOWARDS OBJECTIVES** 

The way to showcase the case studies on the website were reviewed at two occasions during the project in order to maximise their visibility. At M35-38, the lay-out of the case study section on the

website was renewed after long discussions with the demo partners. At M73-74 the factsheets were

also included in the newly created "Tools & Results" section as an individual result which is directly

linked to the case study section and thus making it easier for the reader to find it.

Despite ceaseless efforts to gather necessary information on each of the demo sites and publish a

complete factsheet per demo site, some of the factsheets have not been provided (IN23, Tigas Heat

Pump) and could not be uploaded on the website, while some are incomplete due to lack of provided

details (IN03, Bolzano building demos).

3. REPLICATION ACTIVITIES

3.1 CLUSTERING WITH OTHER SMART CITIES PROJECTS

SINFONIA has joined "My Smart City District" community, and joint initiative of several smart cities projects willing to collaborate on dissemination actions. 8 projects have been involved in the community: R2CITIES, EU-GUGLE, CITYFIED, ZenN, CITY-ZEN, SINFONIA, CELSIUS and READY. The

activities within this community included:

- .. The creation and management of a joint LinkedIn group "My Smart City District community";

- .. The creation and management of a joint Twitter account: @MySmartCityD;

 $\hbox{-...} \ The \ \ creation \ \ of \ \ a \ \ simple \ \ landing \ \ page \ \ giving \ \ access \ \ to \ \ all \ \ participating \ \ projects:$ 

http://mysmartcitydistrict.eu/;

-... The coordinated launch of dissemination events in different demo cities during the EU Sustainable

Energy Week 2015 (to be implemented at M13);

-... The "My Smart City District" communication outlet has been regularly used by SINFONIA to foster

its dissemination efforts.

3.2 BUILDING A NETWORK OF REPLICATION ACTORS

As foreseen in the DoW, SINFONIA joined the Replication campaign launched by the EU-GUGLE project,

another smart cities project funded under FP7. As a result, both projects have joined forces to build a

#### COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

"Replication Cluster", a community of like-minded cities interested in learning from the two projects and potentially replicate sustainable refurbishment solutions.

The Replication Cluster has gathered a total of 47 European cities interested in the solutions from the SINFONIA and EU-GUGLE projects. This recruitment effort has been led by G!E, which has acted as the main contact point for the Replication Cities.

The Replication Cluster has been consulted and regularly invited to relevant SINFONIA events and meetings. Furthermore, a newsletter dedicated to the Replication Cluster comprising the most important news and presenting significant SINFONIA results has been created and distributed on several occasions, with the first issue published in June 2017. In total, six newsletters have been distributed. The last one was distributed in July 2020 and comprised information on two technical solutions, news from the early-adopter city Rosenheim as well as links to recorded webinars and SINFONIA final webconference but also to the final public booklet. The cities were also asked whether they wished to continue receiving Smart City related info from Greenovate! Europe. Other relevant news and information (e.g. interesting external and internal events and webinars) have been regularly distributed to the Replication Cluster through a dedicated mailing list.

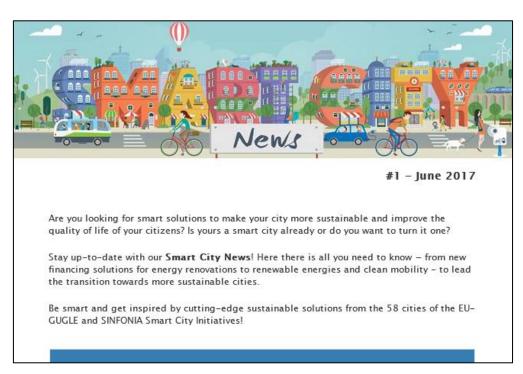


FIGURE 15 - "SMART CITY NEWS" NEWSLETTER COVER



#### COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

The project has cooperated with potential replication cities and organised several events relevant events to foster replication:

- Study visits: Study visits were organised for the benefit of other municipalities or public authorities across Europe:
- 27-28 November 2017: Study visits in Bolzano and Innsbruck for all stakeholders, including French representatives (City of Grenoble, national government) and representatives from other cities.
- 06 April 2018: Visit of MEP Monika Vana and a political delegation of Czech Republic in Innsbruck
- 23.01.2019: Site visit for all stakeholder groups focused on smart points and Similaun demo site (IDEM, EURAC)
- 25.01.2019: Site visit of delegation from the Bayerisches Staatsministerium für Wirtschaft,
   Landesentwicklung und Energi (IDM)
- 09.02.2019: Delegation from Bosnia-Herzegovina: Study visit to Alperia DH project (ALPERIA)
- January-July 2020: Sinfonia Smart City Talks webinars
- 30 June 2020: Sinfonia final webconference: "Mid-sized cities as motors of the energy transition"

As specified above, the Replication Cluster includes 47 cities, all listed and described on the project website here: <a href="http://www.sinfonia-smartcities.eu/en/replication-cities">http://www.sinfonia-smartcities.eu/en/replication-cities</a>

#### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020



**FIGURE 16 - REPLICATION CLUSTER MAP** 

#### 3.3 DELIVERING ENABLING KNOWLEDGE TO THE REPLICATION CLUSTER

SINFONIA has developed a number of tools to allow the transfer of "enabling" knowledge to potential replicators, which refers to any knowledge developed within SINFONIA that can help another city or district develop a renovation strategy.

### **3.3.1 WORKSHOPS**

Activities with the **Replication Cluster were launched on the 27<sup>th</sup> May 2014 in Bolzano**, in the presence of nearly 40 SINFONIA project partners and 11 representatives from the cities of Torres Vedras, Dubrovnik, Dundee, Peterborough, Lahti, Dobrich and Nicosia. The event was split in three main sessions:

A first session to present the demonstration projects in SINFONIA and EU-GUGLE



FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019

**WORK PACKAGE: 10 VERSION: FINAL** 

**DATE: 16.07.2020** 

A second session where early adopter cities and Replication cities presented their city, their plans, their

challenges, and their expectations.

A world café style session where the participants were split in smaller groups to discuss how cities

could learn from each other on the following topics:

Business models, financing and procurement

Electricity grid

- Integration of renewable energy sources in buildings

- Building refurbishment

Integrated planning and replication tools

Replication activities foreseen in the projects

During and following the event, participants from Replication Cluster cities expressed great interest in

the measure to be implemented in the SINFONIA projects and are eager to learn more as the projects

advances.

The Replication Cluster has also been actively invited to the webinars organised by SINFONIA as well

as to the final event.

**3.3.2 PEER REVIEW OF MASTER PLANS** 

To make best use of the accumulated expertise of the SINFONIA consortium and of the urban planning

teams of the early-adopter and Replication Cluster cities, a possibility to exchange smart city master

plans was made also available to potential replicators that have joined My Smart City District

campaign. This has finally shown as not being of interest to the cities due to the lack of availability of

technical personnel in Replication Cities and no such exchange has been organised.

3.3.3 STUDY TOURS

Once a potential replicator joined My Smart City District campaign and had its master plan reviewed,

it could have the opportunity to take part in study tours. During the period M1-M20, the Replication

Team worked in cooperation with DEMO city representatives (for Bolzano city TIS third party of

Bolzano Municipality) on designing the concept of return visits. During the project meeting in Bolzano

on May, 28, part of this concept (study tour) was experimented in cooperation with all project partners

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FINAL REPORT ON DISSEMINATION AND REPLICATION ACTIVITIES

**COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019** 

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

and third parties in order to investigate the concept robustness, the synergies and/or integration with other project task/WP products (for example factsheet). However, since none of the cities took

advantage of the possibility to have their master plan reviewed, no such study tours have finally been

organised as it has shown as not being of interest to the replication cities.

3.4 PROGRESS TOWARDS OBJECTIVES

As regards to replication activities, the project intended to achieve the following by the end of the project:

• 5 workshops, one in each EA city;

• 40 cities "recruited" in the Replication Cluster by the end of the project through My Smart City

District campaign (including the 15 from proposal);

10 peer review of master plans;

• 20 onsite visits + 10 return visits;

• to join My Smart City District community of projects;

Three out of five workshops have been organised respectively in Sevilla, Pafos and Rosenheim. The

project managed to engage a total of 47 cities in the replication cluster. SINFONIA also joined the My

Smart City District community to which it strongly contributed. In regard to onsite visits, master plan

reviews and return visits, the objectives have not been fully achieved as the cities only demonstrated

little interest in such activities in the end. Therefore, the objectives have only been achieved partially.

# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

# 4. ANNEXES

# **4.1 ANNEX 1: LIST OF DISSEMINATION EVENTS**

Type of activity	Partners involved	Title of event / Description	Date (dd-mm-yyyy)	Location	Type of audience	Audienc e	Countries reached
Press conference	EURAC, SEL, IPES, BOZ, Casaclima, IKB	Project SINFONIA: the Operational Phase starts	11-09-14	Bolzano (IT)	Press, media representatives	40	IT
Onsite event with local stakeholders	SEL SPA, SEL SRL, ECOTHERM	Long Night of Research (open door at SEL/ECOTHERM District Heating Plant )	26-09-14	Bolzano (IT)	Citizens	250	IT
Conference	TECHNOFI	Representation of SINFONIA at Blue Planet Forum. Forum open to local authorities, professional and citizens, with a focus on water management	26-09-14	Saint Raphael (FR)	Policy makers	120	FR
Conference	ZABALA, G!E	Representation of SINFONIA and in particular WP9 in a commitment during the SmartCities Action Clusters Kick-off event	09-10-14	Brussels (BE)	Municipalities, EC, companies, universities, R&D centres, etc.	150	EU28
Workshop	PHI	Presentation at Passivhaus Technical Solutions afternoon (framework programme to UK Passivhaus Conference)	15-10-14	Stevenage (UK)	Professional stakeholders (industry, architects, etc)	80	UK
Info-Day	MAGIKB, All Innsbruck partners and EURAC	SINFONIA information event	21-10-14	Innsbruck (AT)	Local policy makers	50	AT



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## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Onsite event with local	SAT	Meeting with TINA Vienna - TINA is the organisation in charge of the	03-12-14	Vienna (AT)	Professional stakeholders	10	AT
stakeholders		development of a Smart City Vienna			(industry, architects, etc)		
Conference	PHI	Presentation on Step by step EnerPHit as solution for sustainable district retrofits at 3rd Greek PH conference	13-12-14	Athens (GR)	Professional stakeholders (industry, architects, etc)	260	GR, IT
Fair	PHI	Poster at stand international trade fair BAU 2015	19-01-15	Munich (DE)	Professional stakeholders (industry, architects, etc)	250 000	Worldwide
Fair	PHI	Presentation at Passive House forum at international trade fair BAU 2015	23-01-15	Munich (DE)	Professional stakeholders (industry, architects, etc)	50	DE, RO
Workshop	ZABALA	Representation of WP9 in a commitment during the Meetings of the Action Clusters of SmartCities	11-02-15	Brussels (BE)	municipalities, EC, companies, universities, R&D centres, etc.	30	EU28
Onsite event with local stakeholders	UIBK, NHT	Tenant meeting (NHT), slides provided for UIBK	20-02-15	Innsbruck (AT)	Civil society / citizens	30	AT
Onsite event with local stakeholders	SAT	Meeting with BMVIT (Austrian Ministry of Traffic, Infrastructure & Technology)	23-02-15	Vienna (AT)	Professional stakeholders (industry, architects, etc)	10	AT
Conference	SAT, NHT	Immobilien Forum West	04-03-15	Innsbruck (AT)	Professional stakeholders (industry, architects, etc)	150	AT
Conference	SAT/MAGIBK, IKB	Smart Cities Week 2015	05-03-15	Salzburg (AT)	Professional stakeholders	400	DE, AT, CH



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

					(industry, architects, etc)		
Onsite event with local stakeholders	SAT, NHT	Wohnenplus Akademie	24-03-15	Innsbruck (AT)	Professional stakeholders (industry, architects, etc)	40	AT
Fair	SEL SPA, SEL SRL, ECOTHERM, ATB	Klimaenergy Fair: SINFONIA representated by poster, leaflets in SEL booth and contacts with stakeholders	26-03-15	Bolzano (IT)	Professional stakeholders (industry, architects, etc)		IT, De, AT
Conference	PHI	Poster at stand, staff informed interested people at 19th International Passive House Conference	17-04-15	Leipzig (DE)	Scientific community (higher education, Research)	1000	Worldwide
Workshop	PHI	Presentation at working group on PH research activities	17-04-15	Leipzig (DE)	Scientific community (higher education, Research)	15	DE, UK, GR, ES, USA
Workshop	SAT, IIG, NHT, PHI	Smart City Dialog	20-04-15	Innsbruck (AT)	Professional stakeholders (industry, architects, etc)	25	AT
Info-Day	G!E	Networking and representation of SINFONIA at Smart Cities and Communities Info Day 2015	12-05-15	Brussels (BE)	Municipalities, EC, companies, universities, R&D centres, etc.	200+	EU28
Fair	G!E	Presentation of SINFONIA replication activities at CONSTRUMAT fair 2015	19-05-15	Barcelona (ES)	Professional stakeholders (industry, architects, etc)	15	ES
Conference	SAT	Presentation of the SINFONIA project at the METROPOLITAN SOLUTIONS	20-05-15	Munich (DE)	Professional stakeholders (industry, architects, etc)	??	Worldwide



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Workshop	PHI	Presentation for housing associations meeting "Buildtog" in Paris, topic: EnerPHit: solution for a sustainable district	21-05-15	Paris (FR)	Policy makers	30	FR, SE, DE, IT
Info-Day	IKB, SAT	Smart City	21-05-15	Innsbruck (AT)	Policy makers	150	AT
Conference	SP, EURAC, BOZ	Smart and Sustainable Planning for Cities and Regions	19,20-11-15	Bolzano (IT)	Researchers, policy makers	150	IT, AT, GR, US, UK, etc
Fair	PHI	International Passive House Days	13-15.11.2015				EU
Meeting	SAT	Meeting of Cluster (IT, mechatronic, renewable energies) Companies - presentation of SINFONIA	23.06.2015				AT
Conference	SAT	Smart City InFocus 2015	11-13.09.2015	Yinchuan, China			СН
Conference	SAT	Smart City Forum at new Mobility World conference	20.9.2015	London, UK			UK
Fair	SAT	Austrian PV Days	5-7.10.2015				AT
Fair	SAT	REAL Expo Munich	5.10.2015	Munich, DE			DE
Conference	SAT	Alpenkongress Die Energie der Alpen	23.10.2015				AT
Fair	PHI	German trade fair DEUBAUKOM		Essen, Germany			DE
Conference	PHI	20th International Passive House Conference	22-23.04.2016	Darmstadt, Germany			EU
Conference	USI	Regional conference "energy and environment"	01-06-2016	Ludwigshaf en, DE	City authorities, utility providers, R/D community	300	DE



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

		USI presented some of the cases from the Innsbruck demo and distributed some flyers					
Workshop	CEMS/EMASESA, Zabala, G!E, SAT and EURAC	Smart City Sevilla "Smart Urban Developement"	10-06-2016	Seville, ES	City authorities, municipal companies, research centres, universities, energetic companies.	70	ES, IT,AT
Press conference	BOZ, EURAC, ALPERIA	Press conference on the refurbishment work regarding the City buildings involved in the SINFONIA project	June 2016	Bolzano, IT	City authorities, research centres, universities, energy companies	100	IT
Workshop	USI	Stadtwerke Düsseldorf WP5 was presented	29-08-2016	Düsseldorf, DE	energy provider (local utility)	7	DE
Workshop	USI	E.ON SINFONIA activities were presented as part of a presentation on European energy lighthouse project	13-09-2016	Berlin, DE	energy providers	8	DE
Meeting	IIG	Exchange meeting with City of Grenoble Focus: sustainable building, energy efficiency and mobility	19.09.2016	Innsbruck,	Municipality of Grenoble and Innsbruck, politicians	15	FR
Workshop & site visit	SAT, IIG, NHT, IKB, MAGIBK, UIBK, PHI, alpS	AVT Forum – SINFONIA  Presentation of the project and in particular the Innsbruck pilot.	20.9.2016	Innsbruck,	Media, energy providers, housing companies, municipality, city of Innsbruck and architects.	30-40	AT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Conference and info day	ACC	CasaClima Tour 2016 Distribution of flyers and networking	27.09.2016	Naples, IT	Professionals. Regional Energy Agency APE di Modena, Municipality of Parma	350	IT
Conference and info day	ACC	CasaClima Tour 2016  Distribution of flyers and networking	28.09.2016	Matera, IT	Professionals, Regional Chambers, companies, citizens	120	ΙΤ
Conference and info day	ACC	CasaClima Tour 2016 Distribution of flyers and networking	29.09.2016	Lecce, IT	Professionals stakeholders (Architects, Engineers), Regional Chambers of Piemonte, companies (Geom, Periti), citizens	300	IT
Open door event	ALPERIA SPA	"La lunga notte della ricerca"  European Researchers' Night 2016.  ALPERIA presented the project and showed the promotional video from Bolzano.	30-09-2016	Italy, Bolzano	Citizens, media	250	IT, AT
Conference	USI	"Germany: Intelligently connected" Conference.  USI presented its activities in WP4, WP7 and WP5 during the sessions on "smart energy networks",	12-10-2016	Ludwigshaf en, DE	City authorities, industry, government departments, R/D community, federations, media	316	DE



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

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		"Smart Cities" and "digital data and					
		platforms". Focus was on how					
		SINFONIA is an example of a fast					
		and successful roll-out of smart city					
		technologies can be achieved					
		http://div-					
		konferenz.de/events/div-					
		konferenz-2016/					
Open days	PHI	International Passive House Days	11 – 13	Worldwide	Media, citizens, R/D	Several	Worldwide
		SINFONIA advertised during open	.11.2016		community, energy providers,	thousand	
		days (logo on flyers)			architects	s of	
		https://passivehouse-				visitors	
		international.org/index.php?page i					
		<u>d=262</u>					
Conference/	USI	B.A.U.MJAHRESTAGUNG	15.11.2016	Bonn, DE	City authorities,	150	DE
Talk		Conference on the topic of			R/D community, utility providers,		
		digitization and sustainability.			aume, promaers,		
		SINFONIA was mentioned during					
		the Keynote speech on					
		digitalization of the energy sector					
		by providing IoT based marketable					
		energy services.				<b>✓</b>	
		http://www.baumev.de/Programm					
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## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

		http://www.baumev.de/Referente n					
Conference and info day	ACC	CasaClima Tour 2016 Distribution of flyers and networking	23.11.2016	Rome, IT	Professionals, Regional Chambers enterprises, private persons	300	IT
Trade fair/Project presentation	PHI	Project presented at PHI booth	1419.1.2017	Munich, DE	Tenants, Architects, Manufacturer, Institutes	250.000	Worldwide
Fair	EURAC, BOZ, ACC, IPES, ALPERIA	Klimahaus fair stand	26-29.01.2017	Bolzano, IT	Professionals	37.500	IT
Presentation	SAT, MagIBK, NHT, IIG, IKB, TIGAS, UIBK	Presentation to city council	15.2.2017	IBK	Politicians	50	AT
Fair	PHI	Bauen & Energie fair  Presentation of project poster and distribution of brochures at PHI booth.	16-19.02.2017	Vienna, AT	Architects, designers, builders	46.000	AT, DE
Conference and info day	ACC	CasaClima Tour 2017 Presentation of FP7 SINFONIA, distribution of flyers and networking	23.02.2017	Bari, IT	Professionals, Regional Chambers enterprises, citizens	270	IT
Conference/ Talks	UIBK	Austrian Conference of University Rektors, Mapping Univer©ities	24.02.2017	Innsbruck AT	R/D community, community, private persons , Media	150	AT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Site Visit / Presentation	SAT, NHT	Delegation of ANCE Veneto visits SINFONIA	16.2.2017	IBK	Professionals (planners, architects, engineers)	25	IT
Conference and info day	ACC	CasaClima Tour 2017 Presentation of FP7 SINFONIA, distribution of flyers and networking	09.03.2017	Sanremo, IT	Professionals, Regional Chambers enterprises, citizens	220	IT
Conference and info day	ACC	CasaClima Tour 2017 Presentation of FP7 SINFONIA, distribution of flyers and networking	16.03.2017	Bergamo, IT	Professionals, Regional Chambers enterprises, citizens	160	IT
Site Visit/Prense tation	SAT, IKB, TIGAS	Energy Tour: Regenerativ betriebene Fernwärme	13.4.2017	IBK	Professionals, companies	50	AT
Presentation	SAT, MAGIBK	SINFONIA	26.4.2017	IBK	Former politicians, interested audience	15	AT
Conference/ Talks	UIBK, MagIBK, SAT, NHT, IIG, PHI	21st International Passive House Conference Own Session: Quartierssanierung   SINFONIA-Projekt 4 full speeches, 3 Poster presentations	28.04.2017	Vienna, AT	Professionals, Planners, Regional Chambers enterprises, R/D community, private persons,	300	Ca. 30, Worldwide
Conference	PHI	21st International Passive House Conference: Project presentation	28. – 29.4.2017	Vienna, AT	Architects, Engineers, Private persons,	1200	50



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

		at PHI booth + Scientific sesión on District renovation in the SINFONIA project			Manufacturer, Institutes		
Presentation /Panel Discussion	SAT	Smart Cities Days	3.5.2017	Vienna	Professionals, SC projects	100	AT, DE; NE,
Conference and info day	ACC	CasaClima Tour 2017 Presentation of FP7 SINFONIA, distribution of flyers and networking	11.05.2017	Verona, IT	Professionals, Regional Chambers enterprises, citizens	120	IT
Congress	ALPERIA SPA	EUROHEAT & POWER CONGRESS  SINFONIA was mentioned and discussed during one of the workshops	14-17 May 2017	Glasgow	Professionals, utility providers, R/D	100	
Workshop	ZABALA	Attendance to the EeB SPIRE and FoF workshop for coordinators	16&17/05/20 17	Brussels, BE	EeB, SPIRE and FoF coordinators	300	EU28
Conference presentation	EURAC	SCC EIP meeting	24.05.2017	Eindhoven.	City authorities, R/D community, utility providers	150	Europe
Conference and info day	ACC	CasaClima Tour 2017 Presentation of FP7 SINFONIA, distribution of flyers and networking	25.05.2017	Senigallia, IT	Professionals, Regional Chambers enterprises, citizens	80	IT
Workshop	EURAC	JPI workshop	24.10.2016	Brussels, BE	professionals	60	Europe



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Event	EURAC	Smart City Seville	10.06.2016	Seville, ES	City administrations, others	100	ES
Workshop	EURAC	Repower project workshop	4.04.2017	Athens, GR	City administration, researchers	100	Europe
Workshop	EURAC	JP smart cities	29.06.2017	Prague, CZ	Researchers	60	Europe
Conference	ALL	´Low carbon cities for better living´ conference, 1 June 2017, Pafos	01/06/17	Pafos, CY	Professional stakeholders, policy makers, R/D organisations	30	СУ
Conference presentation	EURAC	Smart Cities Information Systems' conference in Budapest.  Presentation of project.	03/10/17	Budapest, HU	Professional stakeholders	80	EU
Conference	EURAC, CASACLIMA, BOZ	ENEA's Energy Efficiency on the Road tour. SINFONIA was presented by EURAC	12/10/17	Bolzano, IT	Professional stakeholders	140	IT
Conference	ACC	"Riqualificare: salvare il clima!" ACC presented the project Distribution of flyers	13/10/2017	Padova, IT	Professionals stakeholders (architects, engineers), construction companies	140	IT
Workshop Presentation	BORAS	Horizon 2020 workshop	13/10/17	Boras, SE	Local / regional authorities	40	SE
Study visit	IDM	Study visit of via Brescia/Cagliari demo site for social housing company EurHonet	07/11/17	Bolzano, IT	Social housing company	12	IT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Study visit	IDM	Study visit of via Brescia/Cagliari demo site for Italian association of social housing companies	08/11/17	Bolzano, IT	Social housing companies	15	IT
Event/ award	G!E	Participation to .EU Web Award ceremony on behalf of SINFONIA, which was nominated for an award.	21/11/17	Brussels, BE	European institutions, general public	100	EU
Study visit	IDM, EURAC, BOZ, ALPERIA	Study visit to Via Brescia and Alperia DHC project	27/11/17	Bolzano, IT	European institutions, professional stakeholders, policy makers	20	IT, AT, EU
Conference	ALL	Conference on "Innovative buildings in the Smart City Innsbruck"	28/11/17	Innsbruck,	Professional stakeholders, policy makers, R/D organisations.	100	EU
Conference	ACC	"Riqualificare: salvare il clima!" ACC presented the project Distribution of flyers	13.10.2017	Padova, IT	Professionals stakeholders (architects, engineers), construction companies	140	IT
Conference	ACC	"CasaClima Tour 2017" ACC presented the promotional video of Bolzano Distribution of flyers	12.12.2017	Roma, IT	Professionals stakeholders (architects, engineers), construction companies	200	IT
Conference	ACC	"CasaClima Tour 2018"	22.02.2018	Milano, IT	Professionals stakeholders	200	IT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Conference presentation	SAT	ACC presented the promotional video of Bolzano Distribution of flyers  International passive house conference – presentation "Large scale retrofitting - Experience from	08/03/18	Munich, DE	(architects, engineers), construction companies  Professional stakeholders, policy makers	25	EU
Conference	ACC	"CasaClima Tour 2018" ACC presented the promotional video of Bolzano Distribution of flyers	22.03.2018	Udine, IT	Professionals stakeholders (architects, engineers),	150	IT
Conference	ACC	"CasaClima Tour 2018" ACC presented the promotional video of Bolzano Distribution of flyers	05.04.2018	Napoli, IT	construction companies Professionals stakeholders (architects, engineers), construction	100	IT
Conference presentation	SAT, AlpS	SINFONIA at the "Day of the future.  Tyrol 2018" – interactive stand with the Sinfonia movies of both pilot cities, the movie of wood- gasification -plant and the stakeholder toolkit of alpS. Visit of the regional governor of Tyrol, Günther Plattner at our stand	05/04/18	Innsbruck,	companies  European institutions, policy makers, professional audience, pupils	50	AT, IT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Study visit	SAT	Visit of MEP Monika Vana and a	06/04/18	Innsbruck,	Policy makers	10	AT, CZ, EU
		political delegation of Czech		AT			
		republic in Innsbruck – project					
		presentation about SINFONIA by					
		SAT					
Conference	ACC, EURAC	KlimaHouse Fair Toscana "Smart Cities, ci siamo Dalla teoria alla pratica" The project Sinfonia was presented Distribution of flyers and networking	13/04/18	Firenze, IT	Professionals stakeholders (architects, engineers), construction companies	100	IT
Exhibition	SAT, AlpS, IKB	SINFONIA at the "Long night of research" – interactive stand with	13/04/18	Innsbruck,	General public, including children	14.000	AT
		energy game for kids of alpS & SAT, solarracecourse of IKB					
Conference	ROSE	International Congress of Cities;	19/04/18	Frankfurt	Professional	130	AT, BE, CH,
presentation		Presentation of project.		am Main,	stakeholders, representatives		DE, DK, EST,
				DE	from municipalities		FIN, IT, PL,
							USA
Conference	ACC	"CasaClima Tour 2018" ACC presented the promotional video of Bolzano Distribution of flyers	23.04.2018	Aosta, IT	Professionals stakeholders (architects, engineers), construction companies	60	IT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Conference	ACC	"CasaClima Tour 2018"  ACC presented the promotional video of Bolzano Distribution of flyers	10.05.2018	Palermo, IT	Professionals stakeholders (architects, engineers), construction companies	120	ΙΤ
Project presentation	ROSE	Environment Day; SINFONIA was part of a larger presence of the municipal administration related to environmental topics, including smart cities projects	12/05/18	Rosenheim, DE	General Public	(open between 10 am and 4 pm)	DE
Conference	ACC	"CasaClima Tour 2018" ACC presented the promotional video of Bolzano Distribution of flyers	24.05.2018	L'Aquila, IT	Professionals stakeholders (architects, engineers), construction companies	60	IT
Study visit	SAT	"Technical demo-measures of IKB & Tigas in Ibk and their implication on the energy framework of the city" - site visit led by SAT	07/06/18	Innsbruck,	Students of the University of Innsbruck (Dep. of Geography)	15	AT
Conference	ACC	"CasaClima Tour 2018" ACC presented the promotional video of Bolzano Distribution of flyers	14.06.2018	Pesaro, IT	Professionals stakeholders (architects, engineers), construction companies	190	IT
Oral presentation to a wider public	EURAC	"Webinar by Nives DellaValle Awareness Raising and Behavioural Change for Energy Efficiency in	05.06.2018	Online	Practitioners, researchers, municipalities	1000	World



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

		Buildings in Bolzano Social Housing Districts					
Conference presentation	CASACLIMA	"CasaClima Tour 2018" - CasaClima presented the promotional video of Bolzano. Distribution of flyers.	14.06.2018	Pesaro	Professionals stakeholders (architects, engineers), construction companies	150	IT
Conference presentation	UIBK, SAT	WIRE 2018 Conference Best practice from SINFONIA in connectivity session (Wolfgang Streicher)	04.07.2018	Innsbruck,	Professional stakeholders, policy makers, R/D organisations		AT
Scientific presentation	EURAC	IAPS Conference: "Reducing energy efficiency gap through tenant's energy behaviour change. A behavioral economics and social practice perspective",	10.07.2018	Rome, IT	Scientific community (higher education, research)	300	World
Oral presentation to a wider public	EURAC	Oral presentation to companies on the topic "Come risanare con le strutture prefabbricate in legno? Quali sono le tecnologie utilizzate, la fabbricazione e quali i vantaggi?"	14.09.2018	Bolzano, IT	Professional stakeholders	50	IT
Conference presentation	ALPERIA	in Helsinki ( www.2018dedays.org )  - Presentation of Sinfonia, DEMO results of Task 8.4.2	26.09.2018	Helsinki, FI	Professional stakeholders, policy makers, R/D organisations.	250	EU28
Conference presentation	CASACLIMA	"CasaClima Tour 2018" - CasaClima presented the promotional video of Bolzano. Distribution of flyers.	27.09.2018	Perugia	Professionals stakeholders (architects, engineers), construction companies	100	IT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Oral presentation to a wider public	PHI	Presenting the SINFONIA projects in Innsbruck as successful case studies at panel discussion of 79th session of the Committee on Housing and Land Management organised by UNECE, https://www.unece.org/index.php?id=47538  Mission Innovation Austria,	4-10-2018 07.10.2019	Geneva, CH Stegersbac	Policy makers  Experts, Politicians,	50	World
at conference		Presentation "A holistic approach to energy systems: Optimized in own- and CO2-consumption"	07.10.2013	h Burgenland	Scientists,		· voilu
Oral presentation to a wider public	EURAC	Presentation of the Sinfonia experience with renovation through off-site manufactured facade at the "Klimahouse Camp: Who's smart?	10.10.2018	Milano, IT	All stakeholder groups	50	IT
Conference presentation	CASACLIMA	"CasaClima Tour 2018" - CasaClima presented the promotional video of Bolzano. Distribution of flyers.	11.10.2018	Foggia	Professionals stakeholders (architects, engineers), construction companies	200	IT
Oral presentation to a wider public	EURAC	City of Excellence conference "SINFONIA and Stardust Smart Cities Endevours"	11.10.2018	Brussels	Professional Stakeholders, R/D organisations		39 countries
Conference presentation	CASACLIMA	Presentation of Sinfonia at the convention of the Biesse Group. Topic: the innovative technologies of the refurbishment with prefabricated wooden structures in Via Passeggiata dei Castani.	17.10.2018	Pesaro	Industry	50	IT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Conference presentation	CASACLIMA	"CasaClima Tour 2018" - CasaClima presented the promotional video of Bolzano. Distribution of flyers.	24.10.2018	Padova	Professionals stakeholders (architects, engineers), construction companies	100	IT
Conference presentation	CASACLIMA	"CasaClima Tour 2018" - CasaClima presented the promotional video of Bolzano. Distribution of flyers.	25.10.2018	Rimini	Professionals stakeholders (architects, engineers), construction companies	120	IT
Workshop	PHI, ROSE	Presentation and discussion of districtPH incl. Exercices	31-10-2018	Darmstadt, DE	Ministries, Energy agencies, architecture and engineering companies	20	DE, AT
Conference presentation	CASACLIMA	"CasaClima Tour 2018" - CasaClima presented the promotional video of Bolzano. Distribution of flyers.	08.11.2018	Roma	Professionals stakeholders (architects, engineers), construction companies	200	IT
Exhibition	PHI	Passive House Open Door Days, guiding tour to the refurbishment projects innsbruck within SINFONIA	12-11-2018	Innsbruck,	Civil Society	38	AT
Oral presentation to a scientific event	ROSE	Meeting of the Energy Committee of Österreichischer Städtebund und Bayerischer Städtetag Presentation of the Sinfonia project and related activities in the Early Adopter City Rosenheim	13.11.2018	Innsbruck,	Policy makers	30	AT, DE



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Exhibition	G!E	<b>ECTP Conference</b> . Distribution of flyers and poster stand in the exhibition area.	13.11.2018	Brussels, BE	Policy makers, professional stakeholders, R/D organisations	170	EU
Online news article	EURAC	Online article by N. Della Valle "Puntare sui comportamenti per una riqualificazione energetica efficace"	21.11.2018	www.casae clima.com	Civil Society	822	IT
Webpage	EURAC, BOZ	Presentation of demo-apartment (via Passeggiata dei Castani)	21.11.2018	www.eurac. edu	All stakeholder groups	12.748 users/mo nth	IT
Oral presentation to a wider public	ROSE	Meeting of the Committee on the Environment, Energy and Climate Protection of the City of Rosenheim.  Update on the Rosenheim related activities within the Sinfonia project	27.11.2018	Rosenheim, DE	Policy makers, Civil Society	20	DE
Lecture	ALPERIA	Presentation to Bartucci SpA Presentation of DEMO results (Task 8.4.2)	29.11.2018	Bolzano, IT	Industry, Professionals stakeholders (architects, engineers)	10	IT
TV clips	PHI	Slideshow presenting SINFONIA projects at exhibition of COP24	03.12.018	Katowice,	Policy makers	500	worldwide
Oral presentation to a wider public	PHI; SAT	Presentation of districtPH at "Smart City Dialog- Quartiersentwicklung§, organised by Standortagentur	4-12-2018	Innsbruck,		Z	AT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Press conference / ceremony	IKB, ATB Becker	Official Opening IKB-Smart-City-Lab in Innsbruck	04.12.2018	Innsbruck,	Mayor,council, journalists	50	AT
Webinar	EURAC, IDM	Webinar: Awareness Raising and Behavioural Change for Energy Efficiency in Buildings. "Awareness raising and behaviour change measures implemented in social housing in Bolzano",	05.12.2018	Interreg Policy Learning Platform	Policy makers	14	EU 28
TV clips	PHI	Slideshow presenting SINFONIA projects at exhibition of COP24	10.12.018	Katowice, PL	Policy makers	500	worldwide
Oral presentation to a wider public	PHI, IPES, UIBK, PAFOS	Webinar on districtPH for SINFONIA partners and external partners, i.e. from the previous PassREg project, the webinar was recorded and made available	12.12.2018	Darmstadt, DE	Scientific community (higher education, research)	6	AU, I, CYP, DE
Lecture	ALPERIA	University of Trento Presentation of DEMO results (Task 8.4.2)	12.12.2018	Trento, IT	Scientific community (higher education, research)	20	IT
Guided tours	IKB	Guided tours about Sinfonia and the IKB-Smart-District, sector coupling and the hybrid gird	Since January 2019	Innsbruck	All stakeholder groups: industry, students, politicians, pupils, Council of Praque, Assosiation of Towns and Municipalities,	10-20 per tour, so far around 40 tours	FR, CH, CZ, DE, AT
Press conference	BOZ	Press conference announcing the end of the works of Passeggiata dei Castani. This event took place in the new condominial room, realized during the refurbishment	17.01.2019	Bolzano, IT	Media, policy makers	15	IT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

		works of Sinfonia project, desired and requested by the tenants					
Exhibition	EURAC, CASACLIMA	KlimaHouse Fair 2019 Sinfonia exhibition stand and distribution of flyers	23.01.2019	Bolzano, IT	General public, professional stakeholders	36000	IT
Conference presentation	EURAC, CASACLIMA, BOZ, IPES	KlimaHouse Conference 2019 Presentation by W. Sparber: "Progetto Sinfonia quasi in porto, l'esperienza di Bolzano"	23.01.2019	Bolzano, IT	Policy makers	300	IT
Study visit	IDM, EURAC	Site visit for all stakeholder groups focused on smart points and Similaun demo site	23.01.2019	Bolzano, IT	R/D organisations, professional stakeholders	12	EU
Study visit	IDM	Site visit of delegation from the Bayerisches Staatsministerium für Wirtschaft, Landesentwicklung und Energi	25.01.2019	Bolzano, IT	Policy makers	24	DE
Study visit	ALPERIA	Delegation from Bosnia- Herzegovina: Study visit to Alperia DH project	09.02.2019	Bolzano, IT	Institutions, professional stakeholders, policy makers	30	IT, BOSNIA
Oral presentation to a wider public	EURAC	Public lecture for schools "Città intelligenti: dati e tecnologie a servizio dei cittadini"	15.02.2019	Bolzano, IT	General Public	300	IT
Site visit	EURAC	Press tour with national journalists - VISI	22.03.2019	Bolzano	Medias	10	IT
Article in the popular press	EURAC	Article on national press "Energia, ambiente e innovazione: abbiamo la Svezia in casa e si chiama Bolzano"	29.03.2019	Linkiesta.it	General Public	<i>y</i>	IT
Publication	PHI	Tool and manual on condensation	1-04-2019	Darmstadt, DE	Scientific community (higher	$\langle$	World



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Conference presentation	UIBK	German Passivehouse conference Presentation of school demo sites	03.04.2019	Heidelberg	education, research) Professional stakeholders, R/D		DE
Presentation at conference	IKB, EURAC	in Innsbruck  " Smart Cities – Welche Möglichkeiten für die Stadt(teil)- entwicklung?" Smart Cities – Wich possibilities are included for city development?"	08.04.2019	Bruneck, IT	organisations Policy makers, profesional stakeholders	24	IT, DE
Conference presentation	EURAC	Smart City 2019 conference: presentation by A. Zubaryeva "Sinfonia Smart City – What is it"	12.04.2019	Milano, IT	All stakeholder groups		IT
Organisation workshops	PHI	districtPH Workshop at "Achieve Better Buildings!" Passive House Conference	03/05/2019	Heidelberg, DE	Industry	30	DE
Organisation of conference	PHI	Session on "Deep retrofits" at "Achieve Better Buildings" Passive House Conference	4/05/2019	Heidelberg, DE	Industry	50	World
Organisation of workshops	UIBK, NHT	Workshop: Neues aus der Lüftungstechnik, Vereinfachung und Effizienzsteigerung von zentralen Lüftungsanlagen im PH- Geschosswohnungsbau	4/05/2019	Heidelberg,	Policy makers	80	Europe
Organisation of workshops	UIBK, IIG	Workshop: Deep retrofits, Results of deep renovation of two Austrian Schools	4/05/2019	Heidelberg,	Policy makers	60	Europe
Exhibition	ROSE	Environment Day SINFONIA was part of a larger presence of the municipal administration related to environmental topics and what kind of activities the city is taking in	18/05/2019	Rosenheim, DE	Civil Society	Z	DE



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Organisation of workshops	ROSE	this context; distribution of Sinfonia flyers  Title: SINFONIA dissemination workshop: "Städte mit niedrigen CO <sub>2</sub> -Emissionen für eine höhere Lebensqualität!" / Involvement: organisation of workshop and follow-up, oral presentation of Rosenheim related subtasks	12/09/2019	Rosenheim, DE	Policy makers	50	DE
Oral presentation to a scientific event	AB, Eurac Reserch	Presentation of results concerning analysis done in Bolzano on real estate market and energy efficinecy (task 2.4)	19/09/2019	Venice IT	Scientific community (higher education, research)	40	IT
Website/ap plications	Eurac Research	Tweet on the Institute's Twitter - Risanamento energetico: il progetto diventa realtà. https://twitter.com/EURACrenewa bles/status/1176478287637491712	24/09/2019	Twitter	Civil Society	1034 followers	World
Organisation of workshops	IKB, NHT, UIBK; Standortagentur	Presentation of IKB-Smart-City-Lab (Smart District) and Powerhosue Rossau; Discusion with other experts and policiy makers	25/09/2019	Innsbruck, 6020	Policy makers	20 for eacht tour (both at same time)	AT
Oral presentation to a scientific event	UIBK Unit of Timber Engineering	Presentation of research results concerning fire safety of prefabricated facade systems for building renovations	26- 27/09/2019	Paris, France	Scientific community (higher education, research)	~200	World



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Oral	Klimatkommuner	Spreading information (by email to	10/10/2019	Borås, SWE	Policy makers	38	SE
presentation to a wider	na, members of	the network klimatkommunerna) about SINFONIA as a projekt and					
public	network	about the website and the					
	Klimatkommuner	information to new partners. The target group was severel swedish					
	na	cities in a climate network. All of					
		those cities have an interest in					
		results and experiences gathered in the project.					
Organisation	PHI	districtPH workshop at 23rd	12/10/2019	Gaobeidian,	Scientific	20	worldwide
of workshops		International Passive House Conference "Climate protection at district level - planning and evaluating with districtPH"		China	community (higher education, research)		
Media	BOZ, Eurac,	Closing event of the Demo site of	22/10/2019	Via Aslago	Medias	Local	
briefings	Planners	via Aslago https://www.altoadige.it/cronaca/ bolzano/aslago-84-alloggi-a- impatto-zero-1.2162349		Demo Site			
Organisation of conference	PHI, UIBK	Presentation of districtPH, Refurbished buildings in Innsbruck, Sinfonia Project at 23rd International Passive House Conference	9-11/10/2019	Gaobeidian, China	Scientific community (higher education, research)	3000	World
Exhibitions	PHI	Booth at Exhibition during 23rd	9-11/10/2019	Gaobeidian,	Scientific	3000	World
		International Passive House Conference		China	community (higher education,		
		(slide show, oral presentation, consultancy, networking)			research)		



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Oral	IKB	Presentation of IKB-Smart-City-Lab	16-	Innsbruck,	Industry	over 200	AT. DE
presentation to a scientific event		and further developments out of it (https://www.ove.at/presse/detail s/ove-energietechnik-tagung-2019)	17/10/2019	6020	mastry	0VCI 200	ΛΙ, υΣ
Oral presentation to a scientific event	IKB	Mission Innovation Austria; Presentation of IKB-smart-City-Lab and further developments out of it (International congress) in the slot for local energy communities	6-10/11/2019	Stegersbac h, AT	Scientific community (higher education, research)	over 150	AT, DE, Europe
Organisation of conference	PHI, IIG, NHT, SAT etc.	"Tage des Passivhauses 2019" (Passive House Open Days 2019) - contribution of IIG: presentation about the demo project Elementary School Neuarzl followed by guided tour	8/11/2019	Innsbruck,	Industry	ca. 30	AT, IT
Oral presentation to a wider public	PHI, UIBK, NHT, IIG, alpS, MAG INNSBRUCK, Standortagentur Tirol	Passive House Opened Days in Innsbruck Hand in Certificates, Presentation on building refurbishments, Tour around Sinfonia Objects: • SchuMo Mozartstraße/Schuberstraße (Partner IIG) • IN22 & 23 (Partner NHT) • IN40 (Partner NHT) • Wohnanlage Sillblock (Partner NHT)	8/11/2019	Innsbruck,	Civil Society	20	AT
Oral presentation to a wider public	IKB	Presentation of IKB-Smart-City-Lab and further developments out of it	19-20/11/19	Vienna, 1020	Industry	over 60	AT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Organization of workshops	BOZ, Eurac, Planners	Workshop with the tenants of the demo site of via Passeggiata dei Castani in order to explain the installed technologies and to receive a first feedback by the tenants	27/11/2019	Sala polifunzion ale piazza Nikoletti Bolzano	Civil Society	Local	
Website/ap plications	IKB	The IKB-Smart-City-Lab is on the Austrian wide annual research report mentioned. <a href="https://oesterreichsenergie.at/forschungsbericht2019/IKB-Smart-City-Lab.html">https://oesterreichsenergie.at/forschungsbericht2019/IKB-Smart-City-Lab.html</a>	1/12/2019	Austria	Policy makers	variable (online)	AT
Organisation of workshops	BOZ, Eurac, Planners	Enertour	12/12/2019	via Passeggiata dei Castani 33 Demo Site	Scientific community (higher education, research)	EU	Europe
Organisation of workshops	BOZ, Eurac, Planners	Conference at the Klimahaus fair	24/01/2020	Four Points by Sheraton Hotel Bolzano via Buozzi 35	Policy makers, Industry	EU	IT, AT
Oral presentation to a wider public	ROSE	Title: "Energiewende und Klimaschutz" / Involvement: oral presentation of SINFONIA project in general as well as Rosenheim related subtasks	13/02/2020	Rosenheim, DE	Civil Society	30	DE



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Organisation of workshops	G!E, EURAC, RISE, TEC	Sinfonia Smart City Talks webinar 2: Investing in deep refurbishment: Is it worth it?	19/02/2020	Online	Industry	40	World
Organisation of workshops	PHI	districtPH workshop at BAUTEC exhibition	20/02/2020	Berlin, DE	Scientific community (higher education, research)	5	DE
Exhibitions	PHI	Booth at BAUTEC exhibition (slide show presentation, oral presentation, consultancy)	18- 21/02/2020	Berlin, DE	Scientific community (higher education, research)	1000	World
Organisation of workshops	G!E, alpS, EURAC,	Sinfonia Smart City Talks webinar 3: Integrated energy planning: good practices for municipalities	12/03/2020	Online	Industry	37	World
Website/ap plications	Eurac Research	Tweet on the Institute's Twitter #Sinfonia Webinar series "Smart City talks" https://twitter.com/EURACrenewa bles/status/1243136234291179520	26/03/2020	Twitter	Civil Society	1034 followers	World
Organisation of workshops	G!E, EURAC, PHI, TEC,RISE	Sinfonia Smart City Talks webinar 4: Tools to get urban energy planning right	2/04/2020	Online	Industry	70	World
Organisation of workshops	G!E, BOZ, alpS	Sinfonia Smart City Talks webinar 5: How to engage users in public renovation works	13/05/2020	Online	Industry	47	World
Oral presentation to a scientific event	PHI, ROSE	Annual meeting of Rosenheim counties climate protection managers as online event (Corona). Presentation and discussion by PHI (45min.)	30/06/2020	Online (Rosenheim , DE and	Scientific community (higher education, research)	20	DE



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

				Innsbruck,			
Organisation of workshops	ALL	Sinfonia final web-conference: Mid-sized cities as motors of the energy transition	30/06/2020	Online	Policy makers	83	World
Organisation of workshops	PHI, UIBK	districtPH workshop for UIBK professionals and students	3-5/7/2020	Obergurgl, AT	Scientific community (higher education, research)	10	AT
Organisation of workshops	G!E, EURAC	Sinfonia Smart City Talks webinar 6: Data for citizens: using sensors and interactive totems to provide smart urban services	17/07/2020	Online	Industry	50	World
Oral presentation to a wider public	IIG	Guided tours to Sinfonia demo projects to interested groups, e.g. groups of architects, representatives of other cities	Frequently	Innsbruck,	Policy makers	Approx. 5-30	AT, Europe
Oral presentation to a wider public	IKB	Several Guided Tours within the IKB smart city lab, and powerhouse rossau: Power House Rossau hat in total around 1500 visitors per year; IKB Smart City lab had since the opening of the Showroom around 70 Guided Tours. With all kinds of visitors, from Students, pubils to experts and policy makers.	Frequently	Innsbruck, 6020	Industry	over 2000	AT, DE, CH, CZ, IT, NL, FR, SI, RO
Oral presentaiton	La Rochelle	La Rochelle Territoire Zéro Carbone à l'horizon 2040	Frequently	La Rochelle	Policy makers, industry, civil society	100	France



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

# **4.2 ANNEX 2: LIST OF PUBLICATIONS**

Type of publication	Partners involved	Name of publication	Title of article / contributi on	Date publication	Type of audience	Countrie s reached
Press release	ZABALA	Sevilla Directo	"Sevilla participa en el proyecto SINFONIA"	18-06-2014	General public	ES
Press release	ZABALA	Construible	"Sevilla participa en el proyecto SINFONIA"	18-06-2014	General public	ES
News article	SP, Borås	Borås Tidning	Borås i samarbete med Europa om avfall	30-06-2014	General public	SE
News article	PHI	PHI Newsletter	Brief description in English of SINFONIA project and PHI involveme nt	30-06-2014	Professio nal stakehol ders (industry, architect s, etc.)	EU28
News article	IPES	Bollettino IPES	Progetto: SINFONIA	30-06-2014	General public	IT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

			di una città che cambia			
News article	PHI	PHI Website	Brief description of project and PHI involveme nt	01-07-2014	Professio nal stakehol ders (industry, architect s, etc.)	Worldwi de
News article	PHI	PHI Newsletter	Brief description in German of SINFONIA project and PHI involveme nt	01-08-2014	Professio nal stakehol ders (industry, architect s, etc.)	EU28
Press release	ZABALA	Zabala website	"ZABALA participa en la coordinaci ón de SINFONIA para desarrollar experienci as de eficiencia energética a gran escala en distritos"	4-08-2014	General public	ES



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Press release	n/a	EURAC website	Project SINFONIA: the Operationa I Phase starts	11-09-2014	Local stakehol ders	IT, AT
Press article		Il Segno	Progetto SINFONIA: al via la fase operativa	12-09-2014	Local stakehol ders	IT
Press article		Tageszeitung	Bozner Energie- Symphonie	12-09-2014	General public	IT
Press article		Corriere dell'Alto Adige	Una «SINFONIA » per riqualificar e 400 alloggi	16-09-2014	Local stakehol ders	IT
News article	SAT	SAT Newsletter	STANDORT - Special SINFONIA issue in German	20-09-2014	All stakehol ders at national level	AT
Press release	USI	USI website	[ui!] in SINFONIA	31-10-2014	All stakehol ders at national level	AT
News article	IPES	Bollettino IPES	Progetto SINFONIA: al via la fase	29-12-2014	General public	IT



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

			operativa (German and Italian)			
Press release	PHI	PHI website	New EU- funded project SINFONIA looks to refurbishm ent master plans (EN + DE versions)	29-01-2015	All stakehol ders at national level	EU28
Press article		QUI Economia	Il 2014 del Gruppo SEL: crescita e nuovi progretti	01-05-2015	Local stakehol ders	IT
ws		Suedtiroler Wirtschaftszeitung	Die grebemste n Stifter	01-05-2015	General public	IT
Press release	EURAC	EURAC website	Bozen: "Smartes" Vorzeigem odell für 16 europäisch e Städte	29-05-2015	General public	IT
Scientific publication	UIBK, MAGIBK, TIGAS, IKB, NHT, IIG	Frankfurt / Germany	GIS based bottom-up approach to evaluate the energy	16-03-2016	R/D communi ty	DE



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Newsletter	ACC	ACC newsletter	demand for the SINFONIA district Innsbruck (AT) Unterstütz	27.05.2016	Professio	IT
article	Acc	Accinewaterer	ung des Projektes SINFONIA	27.03.2010	nals	
Press release	EURAC	Qualenergia.it	Auf dem Weg zur Smart City: Bozens Sozialwoh nbauten werden energieeffi zient  Verso la smart city: nuovo volto per l'edilizia sociale a Bolzano	June 2016	Research ers, Public administr ations, citizens	IT
Scientific Report	ALPERIA EURAC	ECOFYS report	"Delivering the Energy Transition: What Role for District Energy?".	11-10-2016	R/D communi ty	Europe



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

			Contributi on from SINFONIA.			
Web article	SAT, NHT	Bezirksblätter	SINFONIA's first successes	28.10.2016		AT
Article	ZABALA	Fugurenergyweb (http://futurenergyweb.es/)	Proyecto	October 2016	citizens,	ES and
online			SINFONIA:		R/D	EU
oublication			edificios		communi	
about			eficientes		ty,	
Efficiency,			para		energy	
Project and			ciudades		providers	
Energy			inteligente		,	
news)			s /			
			SINFONIA			
			Project:			
			efficient			
			buildings			
			for Smart			
			Cities			
Article	ZABALA	website www.zabala.es	Una	13/06/2016	All	ES
			economía		stakehol	
			baja en		ders	
			carbono,			
			clave para			



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

			las Smart			
			Cities y la			
			competitivi			
			dad			
			europea			
Article	ZABALA	20 Minutos	Sevilla	13/06/2016	General	ES
			acoge un		public	
			seminario			
			europeo			
			de			
			ciudades			
			inteligente			
			s para			
			compartir			
			experienci			
			as de			
			rehabilitaci			
			ón			
news	ZABALA	website <u>www.zabala.eu</u>	Smart	06/06/2016	All	ES and
			Cities:		Stakehol	EU
			Seville,		ders	
			future			
			model of	$\rightarrow$		



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

			city for			
			Europe			
			with the			
			SINFONIA			
			project			
news	ZABALA	website www.zabala.es	Ciudades	06/06/2016	All	ES and
			Inteligente		stakehol	EU
			s: Sevilla,		ders	
			futuro			
			modelo			
			para			
			Europa con			
			el proyecto			
			SINFONIA			
article	ZABALA	Eseficiencia.es	Proyecto	05/09/2016	All	ES and
			SINFONIA:		stakehol	EU
			edificios		ders	
			eficientes			
			para			
			ciudades			
			sostenibles			
Scientific	EURAC	Cities, Elsevier	Smart	04/2017	Scinetific	Worldwi
publication			energy city		, city	de



## **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

			developme		administr	
			nt: a story		ation	
			told by			
			urban			
			planners			
Scientific	EURAC	Cities, Elsevier	A Case-	02/2017	Scientific	Worldwi
publication			Based		, city	de
			Learning		administr	
			Methodolo		ations	
			gy to			
			Overcome			
			Barriers to			
			Implement			
			ation of			
			Smart and			
			Sustainabl			
			e Urban			
			Energy			
			Projects			
Scientific	EURAC	International Journal of Contemporary Energy	Smart City	May/2017	Scientific	Worldwi
publication			Projects		, city	de
			Implement		administr	
			ation in		ations	



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

			Europe:			
			Assessmen			
			t of			
			Barriers			
			and			
			Drivers			
Scientific	EURAC	Energy policy	Identifying	May/2017	Scientific	Worldwi
publication			and		, city	de
			prioritizing		administr	
			barriers to		ations	
			implement			
			ation of			
			smart			
			energy city			
			projects in			
			Europe: an			
			empirical			
			approach			
Article	MAGIBK	Kronen Zeitung	EU	16.2.2017	ALL	AT
			Millionen –			
			damt			
			Innsbruck			
			nicht zum			



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

			Fenster			
			hinaus			
			heizt			
Article	IKB	Tiroler Tageszeitung	Minister-	24.2.2017	All	AT
			Visite im			
			Biomassek			
			raftwerk			
Article	SAT, IKB	derStandard	Innsbruck	2.3.2017	All	AT
			wird zur			
			Smart City			
Article	SAT, IKB	Tiroler Tageszeitung	Energie	14.3.2017	All	AT
			aus Wald			
			und Sonne			
Press	MAGIBK	IBK	Halbzeit im	15.2.2017	All	AT
release			EU Projekt			
			SINFONIA			
Article	MagIBK	Kronen zeitung	Chancen	26.2.2017	All	AT
			auf dem			
			Weg zu			
			mehr			
			Energieeffi			
			zienz			



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Article/quiz	MagIBK	Stadtblatt lbk	Stadtquiz	04.2017	All	AT
			zum EU			
			Projekt			
			SINFONIA			
Conference	PHI	Article in 2017 Conference Proceedings	"SINFONIA			Conferen
proceedings			database			ce
			for best			proceedi
			practice			ngs
			refurbishm			
			ent			
			solutions",			
			H.K.			
			Malzer			
Article in	PHI	Conference proceedings	Conferenc	1.04.2017	Architect	
2017			e		s, Energy	
Conference			Proceeding		consulta	
Proceedings			s 21st		nts,	
			Internation		Manufac	
			al Passive		turers,	
			House		Institutes	
			conference			
Conference	PHI	Conference proceedeings	"Thermal			
proceedings			Bridges in			



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

			the context of			
			internation al EnerPHit			
			requireme			
			nts", Jan			
			Steiger			
Scientific publication	UIBK, MAGIBK, TIGAS, IKB, NHT, IIG	Frankfurt / Germany	GIS based bottom-up approach to evaluate the energy demand for the SINFONIA district Innsbruck (AT)	16-03-2016	R/D communi ty	DE
Newsletter article	ACC	ACC newsletter	Unterstütz ung des Projektes SINFONIA	27.05.2016	Professio nals	IT
Press release	EURAC	Qualenergia.it	Auf dem Weg zur Smart City: Bozens Sozialwoh nbauten werden	June 2016	Research ers, Public administr ations, citizens	ΙΤ



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

			energieeffi zient  Verso la smart city: nuovo volto per l'edilizia sociale a Bolzano			
Conference proceedings	EURAC	Assessing Preferences for Attributes of City Information Points: Results from a Choice Experiment	26.02.2018	Smart and Sustainable Planning for Cities and Regions	Professio nal stakehol ders, urban planners	EU
Conference proceedings	EURAC	Social Acceptance of Energy Retrofit in Social Housing: Beyond the Technological Viewpoint	26.04.2018	Smart and Sustainable Planning for Cities and Regions	Professio nal stakehol ders, urban planners	EU
TV news	CASACLIMA, IPES	Speciale TG1: Recording of a video in Via Similaun refurbishment site for the national RAI tv broadcast. ACC organized the filming locations program and presented the Sinfonia project.	11.07.2018	Bolzano	General public	IT
Article in the popular press	CASACLIMA	Article about the project Sinfonia in the section "CasaClima informa".	11.09.2018	Alto Adige	General public	IT
Article in specialised press	CASACLIMA	Article on demo refurbishment of Via Cagliari-Via Brescia that was published	03.12.2018	Neo-Eubios	Professio nal stakehol ders	IT



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Website/ap plications	PHI	districtPH presented in Newsletter from German PH network IG Passivhaus	19.12.2018	Darmstadt, DE	Industry	DE
Article in the popular press	EURAC	"Impiantistica integrata nei pannelli isolanti"	29.10.2018	Sole24 ore	All stakehol der groups	IT
Article	CASACLIMA	Article about the refurbishment approach and results of the demo project in Via Cagliari-Via Brescia, in CasaClima's magazine DueGradi	05.01.2019	DueGradi	Professio nal stakehol ders, Citizens	IT
Article in the popular press	EURAC	Bolzano, Sinfonia: concluso il risanamento del complesso di Passeggiata die Castani	17.01.2019	Buongiornosuedtirol.it	General public	IT
TV news	EURAC	TV report on local news mentioning SINFONIA demos	17.01.2019	Alto Adige TV	General public	IT
Article in the popular press	EURAC	Article on local news "Così il vecchio caseggiato diventa ecosostenibile"	18.01.2019	http://www.altoadige.i t	General Public	IT
Article in the popular press	EURAC	Article on local news "Case popolari da risanare: prima fase ok"	18.01.2019	Corriere dell'Alto Adige	General Public	IT
Article in the popular press	EURAC	Article on local news "Vorbild auf europäische Ebene"	18.01.2019	Dolomiten	Civil Society	IT
Article in the popular press	EURAC	Article on local news "Risanamento energetico concluso nelle case popolari di Via Passeggiata dei Castani"	20.01.2019	Buongiorno Südtirol	Civil Society	IT
Article in the popular press	EURAC	Article on national news "Il primo progetto di riqualificazione energetica non invasivo"	21.01.2019	Sole24 ore	Civil Society	IT



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Article in the popular press	EURAC	Article on national news "Incontri visite e tour"	21.01.2019	Sole24 ore	Civil Society	IT
Article in the popular press	EURAC	Article on local news "Wie Städte intellingent werden: Erfahrungen aus Bozen"	21.01.2019	Der Vinschger	Civil Society	IT
Article in the popular press	EURAC	Article on local news "Smart Cities: la trasformazione di Bolzano, Innsbruck e Trento"	21.01.2019	L'Adigetto	Civil Society	IT
Article in the popular press	EURAC	Article on local news "Wie Städte intellingent werden: Erfahrungen aus Bozen, Innsbruck und Trient"	21.01.2019	Südtirol News	Civil Society	IT
Article in the popular press	EURAC	Article on local news "Intelligente Städte"	21.01.2019	Tageszeitung	Civil Society	IT
Press release	EURAC	Press release for the Smart Cities Conference at Klimahouse expo 2019	21.01.2019	Bolzano	Medias	IT
Online news	EURAC	Città Intelligenti: Bolzano, Innsbruck E Trento Raccontano La Loro Trasformazione"	21.01.2019	Eurac.edu	Scientific communi ty (higher educatio n, research)	World
Press release	EURAC	Città Intelligenti: Bolzano, Innsbruck E Trento Raccontano La Loro Trasformazione	21.01.2019	South Tyrol - Trentino	Medias	IT/AT
Article in the popular press	EURAC	Article on local news "Domani il convegno Smart Cities"	22.01.2019	Alto Adige	Civil Society	IT
Article in the popular press	EURAC	Article on local news "Tre giorni per tre temi: smart cities"	22.01.2019	L'Adige	Civil Society	IT



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Article in the popular press	EURAC	Article on national news "Edilizia: il klima che cambia"	22.01.2019	La Stampa	Civil Society	IT
Article in the popular press	EURAC	Città intelligenti: trento, Bolzano e Innsbruck raccontano le proprie trasformazioni"	22.01.2019	www.giornaletrentino.i t	Civil Society	IT
Publication	PHI	Thermal Bridge Catalogue	01.02.2019	Darmstadt, DE	Industry	World
Article in the popular press	EURAC	" Meno smog e meno consumi energetici e si "risana" la casa: il progetto pilota"	04.02.2019	www.corriereinnovazio ne.corriere.it	General Public	IT
Article in the popular press	EURAC	Article on national news "Meno smog e meno consumi energetici se si "risana" la casa: il progetto pilota"	04.02.2019	www.corriereinnovazio ne.corriere.it	General Public	IT
Online news article	EURAC	"Dopo Bolzano e Innsbruck, anche Trento ha un futuro da "smart city"	06.02.2019	www.casaeclima.com	General Public, profesion al stakehol ders	IT
Article in the popular press	EURAC	Online article "Le città diventano intelligenti e sostenibili"	06.02.2019	www.infobuildenergia.i t	General Public, profesion al stakehol ders	IT
Article in the popular press	EURAC	online article "Bolzano e Innsbruck diventano smart cities con Sinfonia"	08.02.2019	www.wisesociety.it	General Public, profesion al stakehol ders	IT



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Article in the popular press	EURAC	"Wie Städte intelligent werden", der Erker, p. 85	28.02.2019	Der Erker, Feb 2019	Professio nal stakehol ders	IT
Article in the specialised press	CASACLIMA	Article about the demo refurbishment of Via Similaun.	05.03.2019	Neo-Eubios	Professio nal stakehol ders	IT
Article in the popular press	UIBK	"Sinfonia" – auf demWeg zur Smart City, p21	13.03.2019	Dolomiten	All stakehol der groups	AT
Webpage	PAFOS	SINFONIA page on the municipality's website.	05.04.2019	Pafos	General public	CY
Website/ap plications	UIBK Unit of Timber Engineering	Guidelines for the usage of prefabricated façade systems	2019	https://sinfonia.passiv. de/?q=node/132	Civil Society	EU
Posters	IKB	Name: "Innsbrucks Prototyp für eine vernetzte Energieversorgung: IKB-Smart-City-Lab"	6- 10/05/201 9	Stegersbach, AT	Scientific communi ty (higher educatio n, research)	AT, DE, EU
Articles published in the popular press	IKB, Standortage ntur	IKB-Smart-City-Lab is presented and the whole Sinfonia Projekt	8/05/2019	Innsbruck, 6020	Civil Society	AT
TV documentar y	CASACLIMA	Video showcasing SINFONIA demos by RAI (Radiotelevisione Italiana), facilitated by CasaClima. Presented during the program TG1 "A tutto green" in June 2019	10/05/201 9	RAI	General Public	IT



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Article in the popular press	EURAC	Article on national press "A Bolzano un'ex acciaieria sforna startup e tecnologie per l'ambiente"	24/05/201 9	Www.wired.it	General Public	IT
Website/ap plications	Eurac Research	Tweet on Eurac's Twitter: SINFONIA su Wired Italia	5/06/2019	Twitter	Civil Society	World
Website/ap plications	Eurac Research	Post on Eurac's Facebook page -SINFONIA su Wired https://www.facebook.com/eurac.research/posts/10162021693535694	5/06/2019	Facebook	Civil Society	World
Articles published in the popular press	IKB	IKB Project Power to Heat public swimming pool Amras. Article about the start of the production of this unit. https://www.tt.com/artikel/15740793/ikb-nimmt-neue-power-2-heat-anlage-in-betrieb	12/06/201 9	Innsbruck, 6020	Civil Society	AT
Website/ap plications	Eurac Research	Post on Institute's LinkedIn page.Energy saving in cities and people's needs. https://www.linkedin.com/posts/institute-for-renewable-energy-b6833660_sinfonia-stardust-smartcities-activity-6547727140933242880-7sm	20/06/201	LinkedIn	Civil Society	World
Website/ap plications	Eurac Research	Tweet on the Institute's Twitter: Research today at the workshop "Designing smart and efficient #energypolicies with citizens https://twitter.com/EURACrenewables/status/1141962315547455489	21/06/201 9	Twitter	Civil Society	World
Website/ap plications	Eurac Research	Tweet on the Institute's Twitter: #Sinfonia on TG1 Speciale https://twitter.com/EURACrenewables/status/1142009902870749184/ph oto/1	21/06/201 9	Twitter	Civil Society	World
Website/ap plications	Eurac Research	Tweet on Eurac's Twitter: SINFONIA allo Speciale TG1	24/06/201 9	Twitter	Civil Society	World
Website/ap plications	Eurac Research	Tweet on the Institute's Twitter: SINFONIA at Rebuild2019 https://twitter.com/EURACrenewables/status/1143473744066883584	25/06/201 9	Twitter	Civil Society	World
Website/ap plications	IKB	Presentation of IKB-Smart-City-Lab and nomnation at the Stadtwerke Award (Award for the best utility company)	8/07/2019	Germany	Policy makers	AT, DE
Videos	IKB	Nomination for the Award for utility companies https://www.zfk.de/unternehmen/stadtwerke-award/ video of the IKB-Smart-City-Lab	17/09/201 9	Germany, Kassel	Industry	DE, AT



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WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Website/ap	Eurac	Tweet on the Institute's Twitter - Risanamento energetico: il progetto	24/09/201	Twitter	Civil	World
plications	Research	diventa realtà.	9		Society	
		https://twitter.com/EURACrenewables/status/1176478287637491712				
Website/ap	Eurac	Post on Eurac's LinkedIn page. SINFONIA a Linea Verde.	3/10/2019	LinkedIn	Civil	World
plications	Research	https://www.linkedin.com/posts/euracresearch_sinfonia-activity-6585454081383419905-l4o6			Society	
Website/ap	Eurac	Tweet on Eurac's Twitter: SINFONIA a #LineaVerdeLife	3/10/2019	Twitter	Civil	World
plications	Research	https://twitter.com/EURAC/status/1179688051922145280			Society	
Website/ap	Eurac	Post on Eurac's Facebook page -SINFONIA a Lineaverde	4/10/2019	Facebook	Civil	World
plications	Research	https://www.facebook.com/eurac.research/photos/a.1015039258982069			Society	
		<u>4/10162556482745694/?type=3&amp;theater</u>				
Website/ap	Eurac	Post on Institute's LinkedIn page. SINFONIA @ #flomart2019.	7/10/2019	LinkedIN	Civil	World
plications	Research	https://www.linkedin.com/posts/institute-for-renewable-energy-			Society	
		b6833660_flomart2019-sinfonia-urbanplanning-activity-				
		6587282938243747840-k6p9				
Website/ap	Eurac	Post on Institute's LinkedIn page. Risanamento energetico: il progetto	22/10/201	LinkedIN	Civil	World
plications	Research	diventa realtà. https://www.linkedin.com/posts/institute-for-renewable-	9		Society	
		energy-b6833660_via-palermo-le-case-ipes-hanno-cambiato-activity-				
		6582231771285454848-uNG5				
Website/ap	Eurac	Highlight "SINFONIA: FINE LAVORI VIA ASLAGO"	22/10/201	Website	Civil	World
plications	Research		9		Society	
Website/ap	Eurac	Post on Institute's LinkedIn page. Progetto #Sinfonia: risanati altri edifici.	25/10/201	LinkedIN	Civil	World
plications	Research	https://www.linkedin.com/posts/institute-for-renewable-energy-	9		Society	
-		b6833660_risanamentoenergetico-sinfonia-energyretrofit-activity-				
		6593394514596102144-SaHD				
Website/ap	Eurac	Tweet on the Institute's Twitter: Progetto #Sinfonia: risanati altri edifici	25/10/201	Twitter	Civil	World
plications	Research	https://twitter.com/EURACrenewables/status/1187630208561623040	9		Society	
Flyers	UIBK, alpS	Factsheet of best practice examples	1/11/2019	online /	Policy	World
	research;				makers	
	EURAC					
Website/ap	Eurac	Post on Institute's LinkedIn page. #Sinfonia in occasione	13/11/201	LinkedIn	Civil	World
plications	Research	di #ASITA2019 https://www.linkedin.com/posts/institute-for-renewable-	9		Society	



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

		<u>energy-b6833660 sinfonia-asita2019-smartcities-activity-6600698550806552576-K7l0</u>				
Scientific paper	EURAC	Measuring the price premium of energy efficiency: A two-step analysis in the Italian housing market	5/12/2019	Energy and Buildings	Scientific communi ty (higher educatio n, research)	Global
videos	IKB	Presentation of IKB-Smart-City-Lab	5/12/2019	Austria	Civil Society	AT
Proceedings of scientific conference	PHI, UIBK	Session 9: Sinfonia - Deep retrofits international	9/10/2019	Proceedings to 23rd International Passive House Conference, 9- 10.October 2019, Gaobeidian, China	Scientific communi ty (higher educatio n, research)	Worldwi de
Proceedings of scientific conference	PHI, UIBK	Session 11: Sinfonia - District	9/10/2019	Proceedings to 23rd International Passive House Conference, 9- 10.October 2019, Gaobeidian, China	Scientific communi ty (higher educatio n, research)	Worldwi de
Proceedings of scientific conference	PHI, UIBK	Session 16: Sinfonia - Deep retrofits in Europe	9/10/2019	Proceedings to 23rd International Passive House Conference, 9- 10.October 2019, Gaobeidian, China	Scientific communi ty (higher educatio n, research)	Worldwi de



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

Scientific paper	PHI, UIBK	Energy Efficiency in Domestic Electrical Energy Use	26/06/202	An Empirical Study on Households within Demonstration Projects of the SINFONIA Project Performed in Innsbruck/Austria 2016-2020	Scientific communi ty (higher educatio n, research)	Worldwi de
Procedings of scientific conference	UIBK	Results of deep renovation of two Austria Schools	6/07/2019	Passivehouse Conference, Gaobeidian, China, 2019	Scientific communi ty (higher educatio n, research)	China,Ge rmany, Austria
Scientific paper	UIBK	EU ProjektSINFONIA und Gebäude-SzenarienfürInnsbruck	25/09/201 9	IEA Vernetzungstreffen, Nachhaltige Sanierung von Gebäuden und Stadtteilen; 25. Sept. 2019, Innsbruck	Scientific communi ty (higher educatio n, research)	Austria
Scientific paper	UIBK	Quartiersbezogene energetische Auswertung von Mess-daten aus Wohngebäuden im Zuge des EU-Projektes Sinfonia		Master Thesis, Frank Spithoven, November 2019	Scientific communi ty (higher educatio n, research)	Austria
Proceedings of scientific conference	UIBK Unit of Timber Engineering :Clemens Le Levé,	FIRE SAFETY OF PREFABRICATED TIMBER FRAMED FAÇADE SYSTEMS ON MID- AND HIGH- RISE BUILDINGS	September 26-27, 2019	Proceedings -Fire Safety of Facades 2019	Scientific communi ty (higher educatio	Worldwi de



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

	Thomas Badergrube r, Josef Kögl, Anton Kraler, Michael Flach				n, research)	
Procedings of scientific conference	IKB	IKB-Smart-City-Lab: ein innovatives Hybrid-Netz für die urbane Energieversorgung von morgen	21/11/201 9	e & i Elektrotechnik und Informationstechnik volume 136, p.404-405	Scientific community (higher education, research)	CH, AT, DE
Website/ap plications	Eurac Research	Post on Eurac's LinkedIn page. SSPCR and SINFONIA https://www.linkedin.com/posts/euracresearch_smartcity-stardust-sinfonia-activity-6610842330595409920-Egfv	12/12/201 9	LinkedIn	Civil Society	World
Website/ap plications	Eurac Research	Post on Eurac's Facebook page - SSPCR and SINFONIA https://www.facebook.com/eurac.research/posts/10162899395430694	12/12/201 9	Facebook	Civil Society	World
Website/ap plications	Eurac Research	News on Eurac's website "EURAC RESEARCH A KLIMAHOUSE 2020: FOCUS SU EFFICIENZA ENERGETICA, SMART CITY E AMBIENTI RIGENERATIVI" http://www.eurac.edu/en/research/technologies/renewableenergy/news andmedia/Pages/newsdetails.aspx?entryid=134339	21/01/202 0	Website	Civil Society	World
Website/ap plications	Eurac Research	Post on Eurac's Facebook page - Eurac Research at Klimahouse 2020 https://www.facebook.com/eurac.research/posts/10163096747545694	22/01/202 0	Facebook	Civil Society	World
Website/ap plications	Eurac Research	Post on Institute's LinkedIn page. Un display per migliorare il comportamento energetico <a href="https://www.linkedin.com/posts/institute-for-renewable-energy-b6833660">https://www.linkedin.com/posts/institute-for-renewable-energy-b6833660</a> sinfonia-efficienzaenergetica-smarthome-activity-6626401823714525184-Jcmk	24/01/202 0	LinkedIN	Civil Society	World
Website/ap plications	Eurac Research	Tweet on the Institute's Twitter Un display per migliorare il comportamento energetico https://twitter.com/EURACrenewables/status/1220637573950967808	24/01/202 0	Twitter	Civil Society	World



# **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

Website/ap	Eurac	Post on Eurac's LinkedIn page. SINFONIA a Klimahouse.	27/01/202	LinkedIn	Civil	World
plications	Research	https://www.linkedin.com/posts/euracresearch_eurac-research-a-	0		Society	
		klimahouse-2020-focus-su-activity-6625693860137877504oPz				
Website/ap	Eurac	Post on Institute's LinkedIn page. Workshop "Verso la città intelligente"	27/01/202	LinkedIN	Civil	World
plications	Research	https://www.linkedin.com/posts/institute-for-renewable-energy-	0		Society	
		b6833660 sinfonia-klimahouse-bolzano-activity-6627879784305295360-				
		<u>Ujv4</u>				
Flyers	UIBK, alpS	Information folder for the use of the toolkit in six SINFONIA languages	1/02/2020	online	Policy	F; I; ES;
	research				makers	G; AT; E;
						world
Website/ap	Eurac	Post on Institute's LinkedIn page. Applicazione per il monitoraggio	13/02/202	LinkedIN	Civil	World
plications	Research	energetico https://www.linkedin.com/posts/institute-for-renewable-	0		Society	
		energy-b6833660_eurac-un-display-per-consumare-meno-e-vivere-				
		activity-6633632981590388737-axls				
Website/ap	Eurac	Tweet on the Institute's Twitter Applicazione per il monitoraggio	13/02/202	Twitter	Civil	World
plications	Research	energetico	0		Society	
		https://twitter.com/EURACrenewables/status/1227874068520734720				
videos	IKB	Several videos of all IKB Projects, used for all types of occasions	31/05/202	Austria	Civil	AT, DE
			0		Society	
videos	IKB	Several videos of all IKB Projects, used for all types of occasions	31/05/202	Austria	Civil	DE
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0		Society	
videos	IKB	Several videos of all IKB Projects, used for all types of occasions	31/05/202	Austria	Civil	DE
			0		Society	
videos	IKB	Several videos of all IKB Projects, used for all types of occasions	31/05/202	Austria	Civil	AT
			0		Society	(Innsbruc
						k)



### **COLLABORATIVE PROJECT; GRANT AGREEMENT NO 609019**

WORK PACKAGE: 10 VERSION: FINAL DATE: 16.07.2020

### **4.3 ANNEX 3: DOCUMENT INFORMATION**

SINFONIA DELIVERABLE FACT SHEET				
PROJECT START DATE	1 June 2014			
PROJECT DURATION	60 months			
PROJECT WEBSITE	http://www.sinfonia-smartcities.eu			
DOCUMENT				
DELIVERABLE NUMBER:	10.4			
DELIVERABLE TITLE:	Final report on dissemination and replication activities			
DUE DATE OF DELIVERABLE:	June 2020			
ACTUAL SUBMISSION DATE:	July 2020			
EDITORS:				
AUTHORS:	G!E (Martin Stroleny)			
REVIEWERS:	RISE, ZABALA			
PARTICIPATING BENEFICIARIES:	G!E			
WORK PACKAGE NO.:	10			
WORK PACKAGE TITLE:	Dissemination and Exploitation			
WORK PACKAGE LEADER:	G!E			
WORK PACKAGE PARTICIPANTS:	All except CSTB			
DISSEMINATION LEVEL:				
CO (CONFIDENTIAL, ONLY FOR MEMBERS OF THE				
CONSORTIUM INCLUDING THE COMMISSION SERVICES)				
PU (PUBLIC)	X			
PP (RESTRICTED TO OTHER PROGRAMME				
PARTICIPANTS, (INCLUDING THE COMMISSION				
SERVICES)				
RE (RESTRICTED TO A GROUP SPECIFIED BY THE				
CONSORTIUM INCLUDING THE COMMISSION SERVICES)				
DRAFT/FINAL:	Final			
NO OF PAGES (INCLUDING COVER):	87			
KEYWORDS:	Dissemination, replication, communication			