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EXECUTIVE SUMMARY

EeB-CA2 aims at providing the right set of instruments supporting technology-clustering and geo-clustering, upon the set of EeB PPP EC-funded projects, related to energy efficiency in the built environment. The ambition of the project consisted in enhancing and rationalizing coordinated and broader dissemination, technology transfer and future exploitation activities of clustered projects, so as to help them better promoting their achievements. Thus, exploitation of synergies and coordination of efforts towards dissemination were expected to be at the heart of EeB-CA2.

The objective of Work Package 2 (WP2) is to create and involve a Community of experts and stakeholders during the whole project lifetime. WP2 deals with planning, mobilizing and interacting with the various stakeholders or initiatives considered in the other WPs. Thus, this WP2 is a focal point and supports all other WPs for their interactions with stakeholders.

The work in WP2 is structured around 3 main tasks:

- **Task 2.1: Upstream Community building and engagement with EeB PPP projects,**
- **Task 2.2: Downstream Community building and engagement,**
- **Task 2.3: Community management and workshop organization.**

Four partners participated to the activities of WP2: the European Construction Technology Platform¹ (ECTP) as leader, CSTB, D'Appolonia (DAPP) and Steinbeis-Europa-Zentrum (SEZ).

The final report on Community description and management organization is the third deliverable within the framework of WP2. This report aims at describing the community building and management activities organised throughout the whole project duration, from February 2015 to January 2017.

The activities carried out on **Task 2.1: Upstream Community building and engagement with EeB PPP projects** can be summarized as follows:

- A questionnaire was sent to each EeB PPP project coordinator or contact point, in

¹ E2BA has been officially merged into ECTP in May 2015. There is now an Energy Efficient Building (E2B) Committee in the ECTP.

order to gather data about their project impacts according to Key Performance Indicators. This questionnaire was jointly prepared by the 4 CSAs: EeB-CA2, AMANAC, EEBERS, and SWIMing. The replies to the questionnaire were gathered in a centralized data base by ECTP.

- The EeB-CA2 Expert Group with high-level experts in scientific fields and dissemination or marketing technologies was set-up. It is composed with one representative from each EeB PPP project. In addition, an open call to recruit additional experts was published through different communication channels (EeB-CA2 project website, ECTP e-news portal, social media, press releases published by the partners...): an application form was designed for this call for experts; a methodology for the experts' selection by the EeB-CA2 team was developed. 64 applications were received: among them, 27 experts were selected. The selection was performed among 3 main criteria: relevant expertise, written and oral communication skills, expertise in exploitation of research results and technology transfer. The whole EeB-CA2 Expert Group gathers around 150 experts. It is organized among several technology working groups, according to the related areas defined in the EeB Roadmap, plus a cross-cutting and integration approach.
- At the end of the first year of EeB-CA2, experts were asked to contribute to the EeB PPP Project Review 2016, designed in the framework of WP4. The 2016 edition contains a synthesis of each technology domain of the EeB Roadmap, corresponding to the Working Groups. According to their specific skills, 7 duos of experts (formed by one expert involved in the EeB PPP and another one not involved) were appointed. Each EeB PPP project contact was also asked to provide a description of their project focused on their innovative aspects, expected or achieved impact.
- During the second year of the project, the EeB PPP projects which developed exploitable and promising technologies were identified within WP5. The technologies were validated by EeB-CA2 experts through interviews with the technologies owners. The 21 promising technologies are featured in 5 Technology Brochures.

The outcomes on **Task 2.2: Downstream Community building and engagement** can be summarized as follows: this task deals with establishing a successful interaction with stakeholders, relying on appropriate communication channels identified by ECTP. The European federations and professional associations active in construction sector constitute an

efficient relay to share EeB-CA2 information. The relevant federations were individually contacted by email to share several activities (call for experts, trainings, coaching activities, EeB PPP Project Review, Technologies Brochures, matchmaking event) organised in the framework of EeB-CA2. Some associations published them on their websites (e.g ENCORD) and newsletter (e.g Construction Products Europe) or shared it to their members via email (e.g ACE and ENCORD).

Besides that, EeB-CA2 activities were advertised on the dedicated EeB-CA2 website^[3], created within WP4. In addition to that, the experts social networks Construction21 and Build Up were also used to disseminate information. Lastly, each EeB PPP project was invited by an email co-signed by the 4 CSAs to join the LinkedIn group and Twitter feed created in WP4, in order to share the latest updates from the projects. Several discussions are published on the group every month: the group is moderated by EeB-CA2 in the context of this task.

The progress on **Task 2.3: Community management and workshop organization** can be summarized as follows: this task includes the management of the Community and the organization of cross-project workshops and sessions dedicated to the consortium members. During the 1st year of the project lifetime, more than 50 innovation audits through phone interviews have been organized by WP5. Five training sessions on European technical assessment, innovation management, market analysis, business plan and financing sources beyond project duration were also organised during the project lifetime to support technology transfer of EeB PPP projects outcomes. The trainings were promoted in the framework of WP2 through various communication channels. A matchmaking event for energy efficient buildings stakeholders was organised at m22 in the framework of the ECTP Conference. Seven technology webinars were also organised at m20 and m21 of the project. These webinars aimed at introducing promising technologies developed by EeB PPP projects to the community. The technologies, previously identified within WP5 with the support of EeB-CA2 experts were selected according to the construction-related research and innovation value chain from the EeB PPP Roadmap (design, technology building blocks, materials, energy performance monitoring & management, construction process, ICT and BIM). Last but not least, the EeB PPP projects were offered the opportunity to co-exhibit their innovations in relevant research and business oriented international fairs identified within WP4.

^[3] www.e2b-clusters.eu

1 Introduction

The EeB-CA2 project aims at providing a set of instruments supporting technology-clustering and geo-clustering upon the whole set of EeB PPP EC-funded projects, related to energy efficiency in the built environment. The ambition of this initiative is to enhance and rationalize coordinated and broader dissemination, technology transfer and future exploitation activities of EeB PPP projects. During the first year of EeB-CA2, 128 clustered projects were considered, including 111 FP7 projects and 17 Horizon 2020 projects. 14 Horizon 2020 projects were added during the second year of EeB-CA2. EeB-CA2 offered an integrated dissemination of the clustered projects knowledge and outcomes, thus potentially helping in reducing time to market of exploitation of the projects results and outcomes.

Work Package 2 on Community building and management

The baseline for EeB-CA2 activities is given by Community building and management activities, performed within Work Package 2 (WP2). This WP allows engaging all relevant stakeholders within project clusters and beyond. The activities organized in the framework of the WP deal with planning, mobilizing and continuously interacting with the various categories of stakeholders or initiatives considered in other WPs:

- The partners within the consortia of the EeB PPP projects;
- The members of the European Construction Technology Platform (ECTP);
- The high-level experts in scientific and/or technical fields in the framework of the technology-clustering approach;
- The high-level experts in dissemination, exploitation or marketing activities;
- The representatives of the European Associations and Federations dealing with the building and energy efficiency sector;
- Other partners identified as a potential efficient relay for the final goals of EeB-CA2.

1.1 Purpose and target groups

The final report on Community description and management organization is the third and last deliverable within the framework of WP2. This report aims at describing the community building and management activities organized throughout the whole project duration, from February 2015 to January 2017.

Section 2 of the report describes the activity conducted in **Task 2.1 - Upstream Community building and engagement**, which consists in ensuring information transfer between the EeB projects and EeB-CA2.

Section 3 of the report describes the activity conducted in **Task 2.2 - Downstream Community building and engagement** which deals with establishing a successful interaction with stakeholders, relying on appropriate communication channels identified by ECTP.

Finally Section 4 of the report presents the activity conducted in **Task 2.3 - Community management and organization** - which deals with the management of the Community and the organization of workshops and sessions dedicated to the consortium members.

1.2 Contribution of partners

ECTP is the main editor of this report and proposed a first version of the document. CSTB, DAPP and SEZ provided ideas and feedback on its content. CSTB, as EeB-CA2 Coordinator, also performed a comprehensive final peer-review of the document before submission.

1.3 Relations to other activities in the project

Dissemination and communication activities through adequate relays will be further developed in WP4 deliverables. WP3, WP5 and WP6 produced the content to be communicated and disseminated, as well as tools such as the geo-clustering platform, set up by WP3, to support dissemination and communication activities. WP5 aims at organizing the training sessions and workshops. All those WPs exploited the communities built in WP2.

2 Upstream Community building and engagement with EeB PPP projects (task 2.1)

The task dealing with upstream Community building and engagement with EeB PPP projects (Task 2.1) consists in ensuring information transfer between both the EeB PPP projects and the clusters of EeB PPP projects and EeB-CA2. During the project lifetime, ECTP established a link with 111 running or nearly-finished projects, from FP7 calls 2010, 2011, 2012 and 2013. In addition to the FP7 projects, 31 new projects from Horizon 2020 (calls 2014 and 2015) were included in the framework of these activities. EeB-CA2 intends to provide a set of instruments supporting technology-clustering and geo-clustering upon the whole set of EeB PPP projects. Technology-clustering consists in identifying through a cluster approach, similar innovations and technologies for energy efficient buildings and districts. This approach generates a technology-oriented dialogue between the various stakeholders to provide useful outcomes on those issues.

2.1 Working Groups and experts from the projects

A monitoring questionnaire (EeB PPP Impact) was sent to each EeB PPP project in April 2015 (Figure 1). Based on the answers obtained through this questionnaire, the EeB PPP projects were distributed into seven Working Groups, defined according to the construction-related research and innovation value chain from the EeB PPP Roadmap.

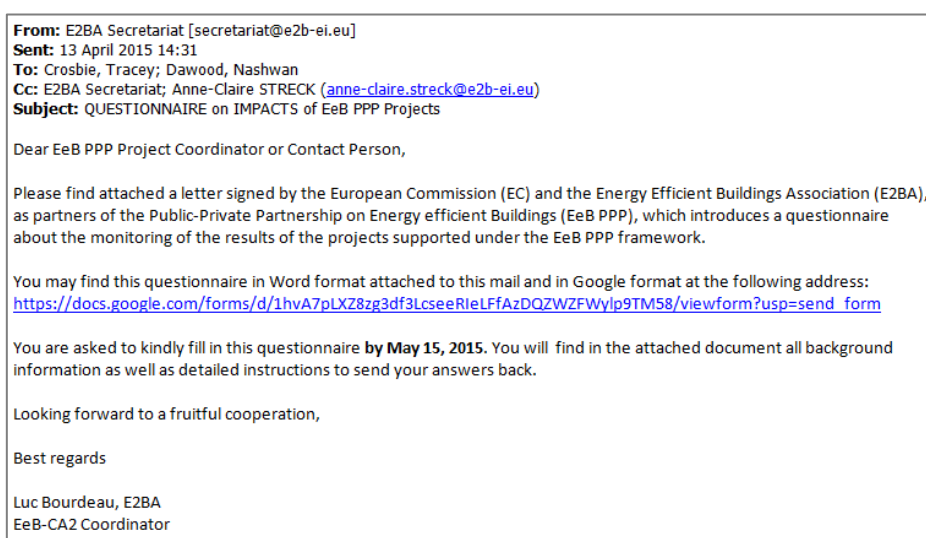


Figure 1 - Monitoring questionnaire for EeB PPP Impacts – Email sent in April 2015

Every EeB PPP project was allocated to 1 or maximum 2 working groups, with one main category (usually their first choice from the monitoring questionnaire) and a secondary

(optional) category. The table below shows the overall repartition of projects per category, while the detailed allocation per Working Group is presented in Appendix B of this report.

WG n°	Working Group Title	Number of projects allocated to this WG
WG1	Design	19 projects
WG2	Technology Building Blocks	57 projects
WG3	Advanced Materials and nanotechnologies	28 projects
WG4	Construction process, end of life, cross cutting information	36 projects
WG5	Energy performance monitoring & management	60 projects
WG6	ICT	33 projects
WG7	BIM / Data / Interoperability	13 projects

The WGs dealing with materials, ICT and BIM (WG3, WG6 and WG7) were set up and validated in coordination with EEBERS, AMANAC and SWIMing CSAs. To manage a coherent approach of the different Working Groups, the CSA Coordinators were responsible for the harmonization of the relevant Working Groups. For example, EEBERS coordinator was responsible for harmonizing WG5 and WG6, while the AMANAC coordinator was responsible for harmonizing WG2 and WG3.

Those categories are used as a reference in the other WPs: for instance for the design of the annual Project Review brochure in WP4, a color code will be associated to each EeB project to show which WG(s) they belong to (see D4.3 & D4.5 deliverables).

An individual email was sent to each EeB PPP project in August 2015 (see Figure 2) in order:

- To inform them of their WG(s) allocation;
- To ask them to nominate an expert / contact point for being part of the EeB-CA2 expert group (see below Section 2.2).



Figure 2 – WG(s) allocation and nomination of a representative for the EeB-CA2 expert group - Email sent to each EeB project in August 2015

2.2 EeB-CA2 Expert Group

The 128 EeB PPP projects' representatives constitute the core of the EeB-CA2 Expert Group (see the list of nominated representatives for each EeB PPP project in Appendix A). In addition to this pool of experts from the EeB PPP projects, additional experts, especially from outside the EeB projects, were selected. The aim of this additional selection is to cover the different technical competences coming from project clusters, as well as specific required expertise on technology transfer, market analysis, communication or dissemination.

The EeB expert group aims at providing support to EeB-CA2 activities as follows:

- To help on the analysis of the impact of EeB-PPP project results and of each technology Working Group conducted in WP5;

- To write syntheses based on the impact analysis for the yearly EeB Project Review developed in WP4;
- To validate the Technology Readiness Level (TRL) and the market potential of the identified technologies developed within EeB PPP projects. In this perspective, technology providers confronted their vision of their technology with the one of the experts (work conducted in WP5).
- Some experts were asked to lead training activities (WP5) for the technology providers, to help them improving their skills in terms of technology transfer.

The commitment of the experts within EeB-CA2 project came to its end in January 2017 when EeB-CA2 is completed.

Open Call for additional experts and selection process

The process adopted to select the additional experts was the following:

- 1- A call for experts was published from 31st August to 11th September 2015 on the EeB-CA2 website (see Figure 3), on the ECTP website and on other relevant dissemination channels, such as Construction21, Build Up and through the network of professional associations representing the research and the construction sector (see also Section 3 of this report).
- 2- The call for experts (see Appendix C) includes a brief description of the EeB-CA2 project, the objective of the call for experts, the duties of the experts, funding rules for the experts, the proposals submission and the selection process. Applicants have been invited to apply before September 11th, 2015.

For most of the 12 criteria, ‘0’ was attributed when no information was provided in the application form, otherwise a score from ‘1’ to ‘5’ was allocated along quality and quantity of provided information. Several telcos were organized between ECTP, CSTB and SEZ to harmonise scores and decide on the final selection.

5- 27 out of the 64 experts were pre-selected as the outcome of this selection process:

- COLCLOUGH
- COSTA
- DAY
- DESIDERI
- EGGER
- KOSONEN
- PSOMOPOULOS
- SHESHO
- LOLLINI
- REVEL
- VAN ROMPAEY
- WICKMANS
- JORDAN
- PEREZ
- MAGYAR
- SIBILIO
- MJORNELL
- IZAOLA
- LAINA
- PROSEDA
- BARONA BALLESTEROS
- KOGLER
- MC LEAN
- KALIAMPAKAS
- HEIDENREICH
- KERRIGAN
- KAMOUSKOS

The CVs of each expert are available at the following link:
http://www.ectp.org/cws/params/ectp/download_files/48D3724v1_Experts.zip

The **Application forms** of the 27 pre-selected experts are provided in Appendix D of deliverable D2.2 (m12).

Following this selection process, an email was sent to each pre-selected expert, to inform them about the next steps. The scope of experts’ contributions is agreed on an individual basis depending on the experts’ profile and specific skills. In order to contractualize the relationship, a Memorandum of Understanding for cooperation has been signed between each selected expert and the ECTP (see Appendix D).

2.3 Contribution of the experts to the EeB PPP Project Review 2016

2.3.1 Contribution of the experts from the Open Call

The first task allocated to the selected experts from the Open Call during the first year consisted in a contribution to the elaboration of the EeB PPP Project Review 2016. The list of EeB PPP Projects considered in the Project Review 2016 is available in Appendix A.

In cooperation with the other CSAs, the 2016 edition of the Project Review contains a synthesis of each of the technology domains of the EeB Roadmap, corresponding to the 7 Working Groups (see Section 2.1). Each synthesis is placed at the beginning of the document on 2 pages.

Based on their specific skills and expertise, a duo of experts was missioned for producing the synthesis of each WG: a duo includes one expert involved in the EeB PPP and another one not involved (external). Each duo of experts has been responsible for providing the synthesis for their Working Group by the end of January 2016. For this mission, each expert received a payment of 2 working days (2*450 euros).

WG	1. DESIGN	2. TECHNOLOGY BUILDING BLOCKS	3. ADVANCED MATERIALS AND NANOTECHNOLOGY	4. CONSTRUCTION PROCESS, END OF LIFE, CROSS-CUTTING INFORMATION	5. ENERGY PERFORMANCE MONITORING AND MANAGEMENT	6. ICT	7. BIM / DATA / INTEROPERABILITY
Expert 1 (linked to PPP)	Don MC LEAN	Roberto LOLLINI	Gian Marco REVEL	Kristina MJORNELL	Sabina JORDAN	Stamatis KAMOUSKOS	Juan PEREZ
Expert 2 (not involved in EeB PPP projects)	Annemie WYCKMANS	Sara VAN ROMPAEY	Christiane EGGER	Shane COLCLOUGH	Sergio SIBILIO	Risto Sakari KOSONEN	Antonio Aguiar COSTA
CSA contact point	Régis DECORME (EEB-CA2)	Régis DECORME (EEB-CA2)	Maria FOUNTI (AMANAC)	Régis DECORME (EEB-CA2)	Régis DECORME (EEB-CA2)	Isabel PINTO (EEBERS)	Kris Mc GLINN (SWIMING)

Figure 5 – Experts from the Open call selected for writing the WG synthesis

The experts were provided the following guidelines for their work:

- It should be 8000 characters max.(spaces included)
- It should present the main R&D and innovation trends addressed by the EeB PPP Projects which belong to the category (*the experts were provided with an Excel file with the list of EeB PPP projects which belong to their allocated domain - see Appendix B*).
- Each synthesis should contain at least one reference in brackets for each EeB PPP project within the category; E.g.: (...) *energy visualisation through user interfaces are developed [8,13,20] to provide inhabitants with simple indicators to increase their energy awareness (...)*

The 7 synthesis produced by the 14 experts have been stored in the following folder:

<https://www.dropbox.com/sh/kw29pgv7ae01hff/AACqB1xQ04t8H9gao7eIR7wAa?dl=0>

They were then reviewed by the appropriate CSA contact point (see Figure 5 above) and submitted for information and potential comments to all EeB PPP projects, before integration in the yearly EeB PPP Project Review brochure.

2.3.2 Contribution of the EeB PPP projects' experts

The 5th edition of the Project Review presents the progress of 128 co-funded projects within the EeB PPP under FP7 for 2010, 2011, 2012, 2013 (111 projects) and Horizon 2020 for 2014 (17 projects). The list of the EeB PPP projects taken into account in the new edition has been set up in cooperation with the European Commission.

Each EeB PPP project' expert was contacted in November 2015 to fill-in a template for providing a short description (400 characters maximum), focusing on the innovative aspects and/or achievements and impacts of their project (see the template sent to all EeB PPP projects in Appendix E).

Here is an example of EeB project descriptions following the guidelines for the 2016 edition of the brochure:

“IDEAS developed an Energy Management System (EMS). The optimisation & prediction algorithms embedded in the EMS enable up to a 30% increase of the revenue generation from distributed renewable electricity & heat production and a 10 % increase in the efficiency of distributed renewable energy plant. Innovative user interfaces and a decision support urban planning tool are integrated with the EMS.”

To review and harmonise the EeB PPP projects' description, Shane Colclough, one of the selected experts from the Open Call was missioned to bring his support as follows:

- Harmonise and improve the content to make sure each EeB PPP project description is focused on innovative aspects, expected or achieved impacts, exploitable results;
- Review and improve English quality when necessary (this expert is an English native-speaker);
- Make sure the 400 characters max limitation is still respected after those changes;
- Provide with a short description for the projects which did not reply based on their website and/or public deliverables and/or description from last year.

This expert received a payment of 4 working days for this mission (4*450 euros).

The EeB PPP Project Review 2016 was published in March 2016 and promoted at various key events identified in the framework of WP4 and particularly CIB World Congress 2016 (Tampere), EU Sustainable Energy Week 2016 (Brussels), EeB PPP Info Day (Brussels), Smart City Expo 2016 (Barcelona), ECTP Conference 2016 (Brussels) and BAU 2017 (Munich). Around 900 physical copies were distributed in 2016.

The EeB PPP Project Review 2016 can be downloaded at the following link:
<http://e2b.ectp.org/resources/publications/>

2.4 Technology Brochures

The main outcomes expected from the EeB PPP projects consist in developing promising and exploitable technologies in the field of energy efficient buildings. In the framework of WP5, the EeB PPP projects which developed exploitable and promising technologies during the projects lifetime were identified and these technologies were validated by EeB-CA2 experts before being featured in 5 Technology Brochures dealing with:

- Advanced Materials & Solutions,
- Energy Building Systems,
- HVAC & Lighting Solutions,
- Monitoring & Diagnostic methodologies – Design Retrofit,
- Urban & District Scale Solutions

2.4.1 Validation of promising technologies by EeB-CA2 experts

As a result of the monitoring of EeB PPP projects, 21 highly promising technologies were identified within WP5 and are featured in the Technology Brochures published in November 2016 (m22) within WP4. More details on the process are given in WP5 deliverables. The experts with the higher scores on criterias related to “Expertise in exploitation of research results and technology transfer” were involved in those tasks (see Appendice F). Through phone interviews with a questionnaire designed in the framework of WP5, the experts validated technologies identified as the most promising and exploitable ones. Depending on their skills, some experts validated several technologies.

The questionnaire, with a full version available in the Appendice G, was divided into 3 parts:

- a) technology description
- b) market potential assessment
- c) a publishable summary of maximum 400 words summing up the main aspects in order to present a marketable product/service.

Below is an example of the publishable summary for BUILDSMART technologies:

Deep Green Cooling is a systemic package designed to provide cooling for keeping high building indoor environmental quality, but also usable for processes and machines (e.g. server) cooling. The system is based on tens of bore holes few hundred meters deep, as connected to a closed cooling circuit supplying the buildings. The main component in the solution is the self-regulating cooling system in the building, which operates with chilled water temperatures at room temperature level, and the ground storage which operates with chilled water temperatures at normal ground temperature level.

The solution can cover the entire annual cooling demand of a building without using chillers. It needs specific conditions of the difference between the annual mean ground and indoor temperatures, ground conditions, as well as specific building load profile. The solution is simple and robust since it is operated by traditional circulation pumps instead of by compressors.

The ground is used as source for cooling the building in the summertime. Wintertime the temperature in the ground is restored by outdoor ambient temperature. The heat stored in the ground during summer can be preferably used to preheat the incoming ventilation air in the winter, while at the same time the storage is cooled down by the ventilation air.

The main characteristic of the package for the geo-thermal plant is the integration of heating and cooling system, using renewable energy sources as ground thermal capacity for geothermal heating and for cooling, and sun for electricity production through PV. The integrated system foresees as well cooling heat recovery and energy storage to reduce not renewable energy demand, while keeping high indoor environmental quality.

Deep green cooling system is compatible with almost all energy efficient measures for building, but with comprehensive control strategies to be implemented in the BMS, collecting data from an effective monitoring network, continuously measuring the building behaviour.

The main market for deep green cooling systemic package are the new commercial and high rise residential buildings.

The validation was performed by the experts as follows:

1. The expert pre-filled the questionnaire with the data given on the technology to be assessed and also with its own expertise / researches.
2. The expert contacted the technology contact person in order to:
 - a. set-up an appointment for a telephone interview
 - b. ask the contact person to complete / verify the pre-filled questionnaire (this also allowed the technology contact person to prepare the telephone interview).
3. Once the telephone interview was done, the expert completed / modified / corrected the questionnaire.

For performing this technology validation, 2 days of work were allocated to the expert. The experts were entitled to a daily payment of €450 for each day worked. Consequently, the experts were paid €900 for each technology validated.

2.4.2 Contribution of EeB PPP projects experts

Each successful project having developed during its lifetime a promising technology was asked to identify a technology contact person (either the Project Coordinator, or the

technology owner who is one of the project's partner). Through a telephone interview with the EeB-CA2 expert, the technology contact person completed and verified the pre-filled questionnaire, which also allowed the technology contact person to prepare the telephone interview. A publishable summary of the outcomes of the project and the features of the technology were also drafted in the questionnaire (see above), reviewed by the technology owner and then published in the brochures.

The Technology Brochures have been promoted in relevant key business and research-oriented international fairs identified in the framework of WP4: Smart City Expo 2016 (Barcelona), the ECTP Conference 2016 (Brussels) and BAU 2017 (Munich). The brochures can be downloaded at the following link: <http://e2b.ectp.org/resources/publications/>

3 Downstream Community building and engagement (task 2.3)

Appropriate communication channels are key tools to set up a successful interaction with the stakeholders. A global dissemination contributes to promote the uptake of emerging technologies and to maximize the impact of the results generated by EeB PPP projects by the research community. Specific communication tools were used by EeB-CA2 to disseminate in a broader way and to maximize the impact of the EeB PPP projects outcomes and results.

3.1 European federations

ECTP has identified relevant European federations and professional associations active in the field of construction, energy efficiency and research issues. They represent an efficient dissemination partner for EeB-CA2, in order to share information with a large community of researchers and construction experts.

Each association listed in D2.1 - Report on Community description and management organisation - was contacted by email and by phone by ECTP, in order to share various activities organised in the framework of EeB CA2, such as the call for experts, the EeB PPP Project Review 2016 (see Section 2.2), the Technology Brochures and the matchmaking event. Several federations shared these contents with their stakeholders' community through different ways:

- Construction Products Europe, EuroACE and ACE published announcements in their

monthly newsletter,

- FIEC, ENCORD, REHVA and UNESID published news on their websites (see Figure 7),
- ACE, ENCORD and the European Convention for Constructional Steelwork distributed the relevant information to their members via email.

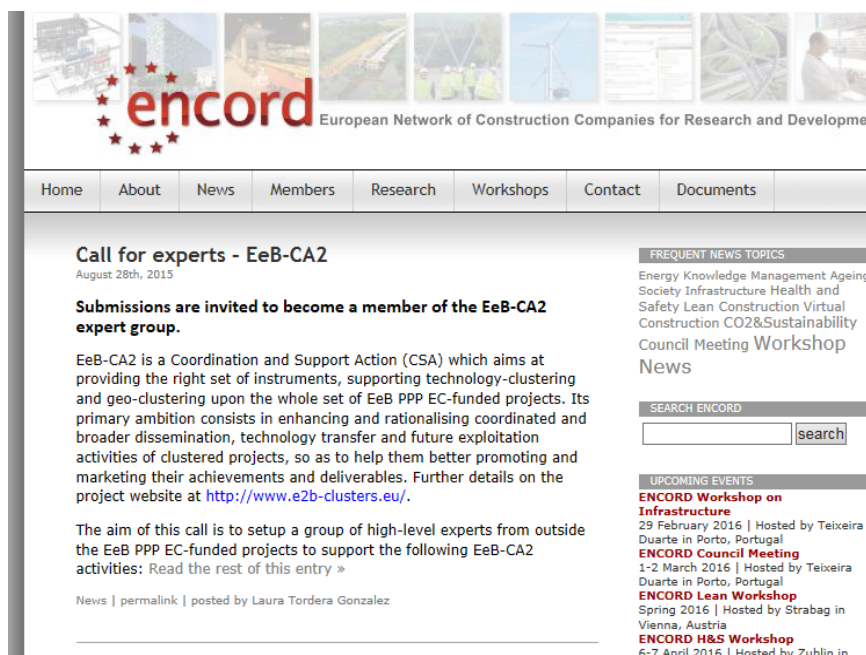


Figure 7 – Publication of the call for experts on ENCORD website

3.2 National Technology Platforms (NTP)

The NTPs promote the work of the ECTP in a national context. Every two months, the network of NTPs publishes a newsletter. EeB-CA2 CSA was promoted in newsletter n°4 published in April 2015. The EeB PPP Project Review was promoted among the network of NTPs per email in April 2016. The matchmaking event and the Technology Brochures were promoted in the newsletter of December 2016.

3.3 EeB-CA2 and ECTP website

A website dedicated to the EeB-CA2 project was created by D'Appolonia at the following address: www.e2b-clusters.eu (see Deliverable D4.2). The website has been online since April 2015. It introduces EeB-CA2 project objectives and details (presentation of project partners...). The technology platform developed in WP3 is also accessible online. Regular news related to the project were published during the whole project lifetime (see Figure 8): this includes the call for experts, the coaching services, the innovation audits and the several trainings organised in the framework of WP5.

The ECTP website, fully redesigned mid 2016, was also an efficient tool to promote EeB-CA2 activities in an efficient way. A EeB PPP projects database has been created on the website and can be found here: <http://www.ectp.org/index.php?id=29>. To support dissemination of projects outcomes, each project (with a focus on completed projects) is asked to provide up to 5 public deliverables, a summary and key facts (duration, budget, contact person, website, status) to be referenced on the database. So far, 240 deliverables for 56 completed projects are available on the database. The database will be updated by the ECTP every 6 months with the last completed projects.

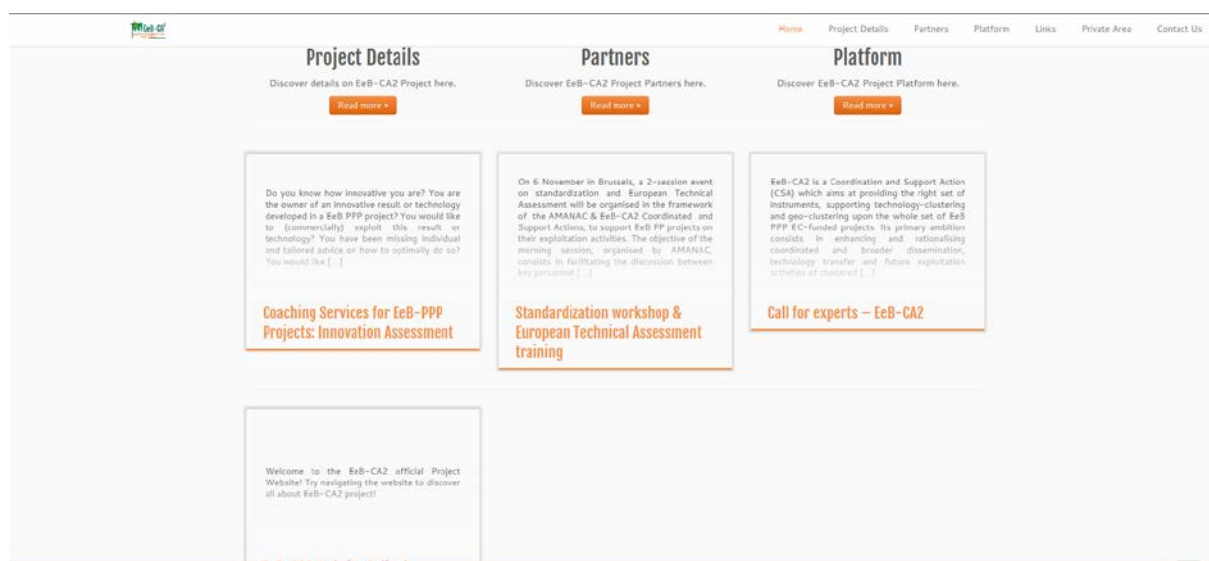


Figure 8 – EeB-CA2 news published on EeB-CA2 website

3.4 Build Up and Construction 21

Build Up, the European Portal for Energy Efficiency in buildings and Construction 21 are construction and energy experts social networks and thus were identified in D2.1 as key tools to disseminate information. Several EeB-CA2 activities, such as the call for external experts, the trainings, the EeB PPP Project Review, the matchmaking event and the Technologies brochures were promoted through these social networks (see Figure 9).

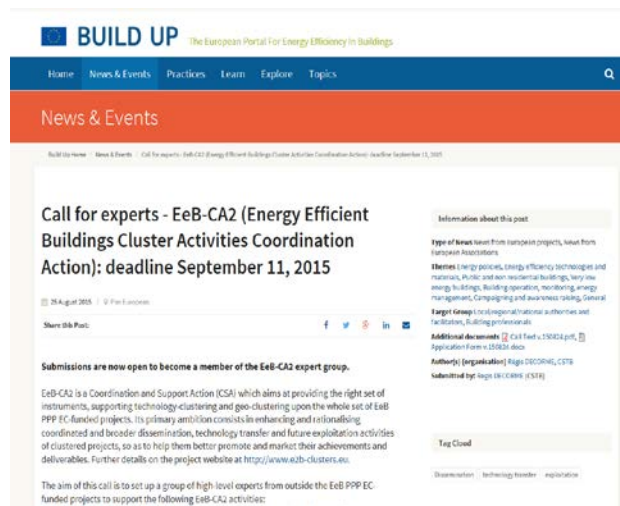


Figure 9 – Publication of the call for experts on Build Up portal

3.5 LinkedIn and Twitter

A dedicated LinkedIn group, called “ECTP-Energy Efficient Buildings Committee” was created in October 2015. This group aims at sharing the latest updates from the projects funded within the EeB PPP and is managed by the Energy Efficient Building (E2B) Committee of the ECTP, with support from the EeB-CA2 support action.

Each EeB PPP project was invited (see Figure 10) to join the LinkedIn group and the Twitter feed by an individual email co-signed by the 4 CSAs:

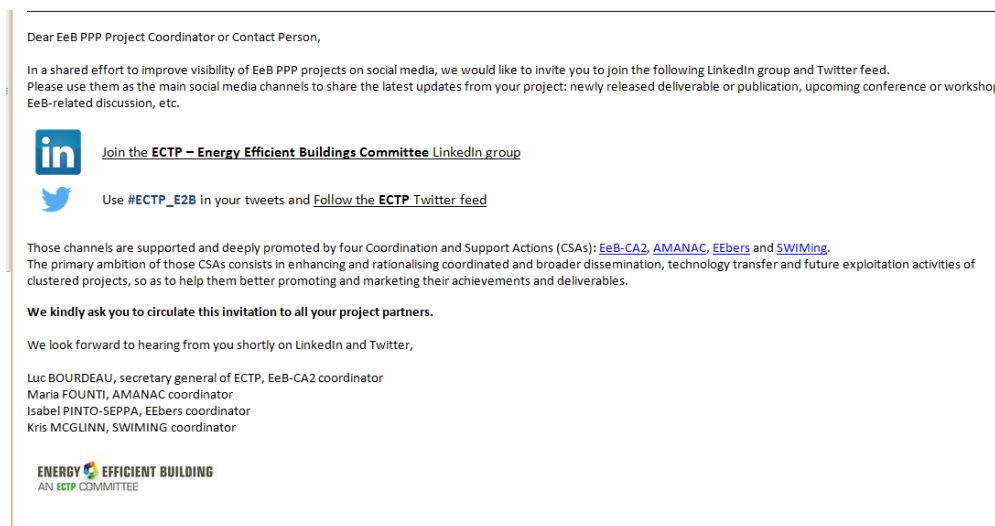


Figure 10 – Email sent to EeB PPP project to promote EeB-CA2 LinkedIn group and Twitter feed

At m24, the group gathers more than 800 members (compared to 650 members at m12) : they

can share their outcomes, information and events relative to their project or any news related to energy efficiency in buildings (see Figure 11). Around 1 post is published every week to animate the community. The group is managed by EeB-CA2 partners in the context of WP2. The LinkedIn group community management includes:

- Management of the moderation queue: e.g. remove inappropriate discussions.
- Management of the new requests to join: accept or decline & block new members.
- Management and update of the group settings, announcements, etc.



Figure 11: Post from an EeB PPP project partner about the project activities

In addition to the LinkedIn group, a dedicated ECTP Twitter (@ECTPSecretariat) feed is also frequently used to increase dissemination of EeB PPP projects outcomes. At m24, the ECTP Twitter feed had more than 440 followers (compared to 300 followers at m12). For example, the matchmaking event was promoted on the ECTP Twitter feed (see Figure 12), such as last news about EeB PPP projects. A large promotional campaign of those social media tools has been undertaken in WP2 during the first year of the project, and was continued during the second year of the project, in cooperation with WP4.



Figure 12: Tweet about EeB-CA2 matchmaking event

4 Community management and workshop organization

Task 2.3 deals with the management of the Community, the organization of workshops and other key events, needed to carry out the tasks of the various Work Packages. The management of the upstream and downstream Community was carried out with close links with the WPs dealing with the collection of information (WP3, WP5 and WP6) and the dissemination / communication activities (WP3 and WP4). One of EeB-CA2 objectives was to organise workshops and seminars at European level, allied to training sessions on targeted domains. Two to three cross-projects and cross-themes workshops, relying on experts Working Groups were planned to be organized during the project lifetime.

4.1 Innovation audits

From the project start until November 2015, SEZ, EeB-CA2 partner responsible for WP5, identified the innovations and exploitable technologies developed within the EeB PPP projects. Innovation audits were conducted with 58 technology owners through phone interviews. The innovation audit aims at providing a clear diagnosis of the organization, at stake, at a structural and organizational level. This diagnosis provides key elements to the technology providers, to develop an appropriate exploitation strategy for their technology. Secondly, technology owners of those with a high TRL (TRL 8 or TRL 9) are informed about EOTA (European Organization for Technical Assessment) and technologies information are collected for the EeB-CA2 geo-clustering platform. Further information about innovation audits are provided in deliverable D5.3.

4.2 Training sessions

Five training sessions were organised during EeB-CA2 lifetime within WP5. The trainings were promoted on the ECTP and EeB-CA2 websites. The announcements were also promoted through the network of relevant professional federations, on Construction 21, Build Up portal and through the dedicated LinkedIn group. The EeB-CA2 expert group, including all EeB PPP project coordinators and/or contact points, was also informed about the trainings per email. More details about the trainings are provided in deliverable D5.4.

A first training took place in November 2015 on European technical assessment. Trainers came from EOTA (European Organisation for Technical Assessment), one of EeB-CA2

dissemination partner and a relevant European association for the construction sector. Further trainings followed in June 2016 and dealt with innovation management, market analysis and business plan. With their relevant skills and experience, Shane Colclough and Elena Laina, selected EeB-CA2 experts, contributed as trainers for those three sessions. For logistics reasons, the last training on financing sources beyond project duration was organised in the framework of the ECTP Conference.

4.3 Technology clusters webinars

In order to share success stories among the EeB PPP projects, 7 webinars were organised for each Technology Working Group between October and November 2016 (see Figure 13). The aim of these webinars was to increase awareness and share the outcomes of successful EeB PPP projects which developed promising technologies in the fields of design, technology building blocks, materials, construction process, energy performance monitoring & management, ICT and BIM. The selected projects were identified previously in the framework of WP5 innovation assessments as developers of promising or very promising technologies. Each coordinator of the selected projects was contacted by individual email and was offered the opportunity to present the project outcomes and technology during a 1-hour webinar. Each webinar, organised with the Adobe Connect Meeting tool, consisted in 3 parts:

- A short introduction by the ECTP
- A 30 mn-Power Point presentation of the outcomes and technologies developed by the successful project: features & market potential of the technology developed by the project etc.
- A 15 mn-discussion and exchange of best practices with the EeB PPP projects participating to the webinar
- A short conclusion by SEZ on the various services offered by EeB-CA2

WEBINAR	PROJECT	WHEN	PARTICIPANTS
WG1-Design	MEM4WIN	6 October 2016	5
WG2-Technology Building Blocks	ENRIMA	25 October 2016	13
WG3-Materials	SUS-CON	3 November 2016	7

WG4-Construction Process	CommOnEnergy	26 October 2016	12
WG5-Energy Performance & Management	INSPIRE	2 November 2016	13
WG6-ICT	SEAM4US	4 November 2016	6
WG7-BIM	FASUDIR	7 November 2016	12

Figure 13: Programme of the 7 clusters webinars

The EeB PPP projects coordinators and contact points belonging to the relevant Working Group were invited to attend the webinar per email. After the webinar, the Power Point presentations were shared with the participants. Each webinar was also recorded and shared on the ECTP You Tube channel. The replay of the webinars has been made permanently available through the official ECTP – EeB YouTube channel at the following link:

<https://www.youtube.com/playlist?list=PLLwlqQysjbXRzN4MAZXYAFKMwpQpj7Bl9>

Webinars have also been promoted through the ECTP website.

4.4 Co-exhibitions in industry and research oriented international fairs

EeB-CA2 has targeted participations in 2 major ‘Industry / Business’ international fairs and 1 major ‘Research oriented’ international fair: CIB World Congress 2016, Smart City Expo 2016 and BAU 2017. The participation to EU Utility Week 2016 was finally skipped due to a less important interest expressed by the EeB PPP projects. Instead a greater focus was put on BAU 2017 resulting in a more ambitious and important contribution.

EeB-CA2 arranged exhibition booths in those events in order to distribute physical copies of the brochures. EeB-CA2 also co-hosted on these booths some of the EeB projects featured in the brochures, so that they can directly market their offers and get in touch with potential customers. The aim of the exhibition was to participate in joint dissemination activities in order to raise awareness, support research clustering and partnerships.

The number of co-hosted EeB projects depended on the surface area of the exhibition booths. Overall exhibition costs were shared between EeB-CA2 and the participating co-hosted EeB projects, on a first come / first served basis, and based on selection criteria through a call for co-exhibition circulated by ECTP to all EeB (see Appendice H). Further information about these co-exhibitions are provided in the joint D4.4 & D4.6 deliverable.

4.4.1 CIB World Building Congress 2016

ECTP exhibited at World Building Congress 2016 in Tampere early June 2016 (m17) with 5 EeB projects. The call for co-exhibition was circulated by ECTP to all EeB projects in September 2015. An application form was filled-in and sent back by the following 5 EeB projects: eeEmbedded, Design4Energy, Nanoleap, CITYOPT and EU-GUGLE. EEBERS and SWIMing CSA also collaborated to the exhibition through a coaching of the EeB PPP projects to ensure their presentations and exhibitions were interactive. After the exhibition, a feedback questionnaire was sent to the co-exhibitors (see Appendice I). The feedback was used to write the WBC16 Exhibition Event Report, which highlights the exhibiting projects, the technologies that were presented, and the impact of the exhibition on the dissemination and exploitation of the project results. This report can be found in the appendix of deliverables D4.4 and D4.6.

4.4.2 Smart City Expo 2016

ECTP exhibited at Smart City Expo in November 2016 (m22) in Barcelona with 4 EeB PPP projects. The call for co-exhibition was circulated by ECTP to all EeB projects in May 2016. An application form was filled-in and sent back by the following 4 EeB projects: e-balance, Ecodistr-ICT, CITYOPT and Sinfonia.

4.4.3 BAU 2017

BAU 2017 took place in January 2017 (m24) in Munich and is the world's leading trade fair for Architecture, Materials and Systems. ECTP exhibited with 6 EeB PPP projects. The call for co-exhibition was circulated by ECTP to all EeB projects in May 2016. An application form was filled in and sent back by 8 EeB projects, among of which 6 were selected: ADAPTIWALL, FASUDIR, IN DE WAG, ECOBINDER, QUANTUM and RESSEEPE. SWIMing CSA also collaborated to the exhibition. During the event, under an initiative of RESSEEPE project, the co-exhibitors organized a joint workshop entitled 'From research to market, innovative technologies & ICT solutions for energy efficiency'. SEZ and ECTP, as EeB-CA2 partners, contributed to the workshop and promoted it.

5 Conclusion

The final report (D2.3) on community activities describes the community building and management activities throughout the whole project duration. As a focal point of the EeB-CA2 project, WP2 supported all other WPs in their interactions and activities. Indeed, community building and management activities performed by WP2 constituted the baseline for various project activities, dealing with supporting platform development (WP3), integrated dissemination of clustered project knowledge (WP4), integrated pathways for technology transfer (WP5) and monitoring and future priorities (WP6).

Through its upstream community, EeB-CA2 gathered technical data and key performance indicators from the EeB PPP projects, supported by the selected experts. Activities and specific tasks were organised in order to get valuable and sustainable inputs from the projects, featured in the EeB PPP Project Review 2016 and the Technology brochures designed in WP4.

Through its downstream community, EeB-CA2 aimed at building its community and at amplifying the expected impacts of the EeB PPP projects in the field of dissemination, exploitation and transfer of results. Sharing knowledge and dissemination of results, through appropriate communication channels, events and tools, attracted wider interest from European construction, energy efficiency and ICT stakeholders. The EeB-CA2 and ECTP websites, the LinkedIn group, the Twitter feed and the use of experts networks stimulated among the cluster members an intense exchange of information and knowledge sharing. Last but not least, the technology transfer trainings, webinars and co-exhibitions in international fairs organized during the 2 years of EeB-CA2 also supported exploitation of outcomes and market uptake of EeB PPP projects.

6 Appendices

Appendix A: List of EeB PPP projects nominated experts

PROJECT NAME	EeB-CA2 Expert	ROLE IN THE PROJECT
3ENCULT	Alexandra Troi	Project Coordinator
A2PBEER	Eneritz Barreiro	Project Coordinator
ADAPTIWALL	Wietske Vankanten	Project Coordinator
AEROCOINS	Eunate Goiti Ugarte	Project Coordinator
AMBASSADOR	Lenka Bajarova	Project Manager
BEAMS	Manuel Serrano Matoses	Project Coordinator
BEEMUP	Juan Ramon Cuevas Jimenez	Project Coordinator
BESOS	Lola Alacreu	Project Coordinator
BIOBUILD	Anthony Stevenson	Project Coordinator
BRICKER	Juan Ramon Cuevas Jimenez	Project Coordinator
BRIMEE	Andrea Maria Ferrari	Project Coordinator
BUILDSMART	Roland Zinkernagel	Project Coordinator
Campus21	Karsten Menzel	Project Coordinator
CASCADE	Nicolas Réhault	Project Coordinator
CETIEB	Juergen Frick	Project Coordinator
CITYFIED	Ali Vasallo	Project Coordinator
CITYOPT	Ismo Heimonen	Project Coordinator
CITY-ZEN	Sarah Bogaert	Project Coordinator
Clear-up	Sandra Evans	Project Coordinator
COMMONENERGY	Roberto Lollini	Project Coordinator
COOL-COVERINGS	Luis Guaita Delgado	Project Coordinator
COOPERATE	Antonello Monti	Project Coordinator
CoSSMic	Svein Hallsteinsen	Project Coordinator
COST EFFECTIVE	Christoph Maurer	Project Coordinator
DAREED	Elisa Isabel Moron Lopez	Project Coordinator
DESIGN4ENERGY	Xiugang He	Project Coordinator
DIMMER	Enrico Macii	Project Coordinator
DIRECTION	Julia Vicente	Project Manager
E[plus]	María Izquierdo	Project Coordinator
E2REBUILD	Annelie Karlsson	Dissemination manager
EASEE	Francesca Marchi	Exploitation Manager
e-balance	Piotrowski Krzysztof	Technical Coordinator
ECODISTR-ICT	Hans Vandevyvere	Project Coordinator
ECO-SEE	Pete Walker	Project Coordinator
ECOSHOPPING	Enrique Grosser	Project Coordinator
EEBGUIDE	Johannes Gantner	Project Coordinator
EEEMBEDDED	Raimar Scherer	Project Coordinator
EEPOS	Esa Nykanen	Project Coordinator
EE-WISE	María José Bohórquez	Project Coordinator
EFFESUS	Alessandra Gandini	Scientific representative of the PC

E-HUB	Frans Koene	Project Coordinator
EINSTEIN	Patricio Aguirre	Project Coordinator
ELISSA	Maria Founti	Project Coordinator
ENBUS	Karin Wilson	Project Coordinator
EnE-HVAC	Jacob Ask Hansen	Project Coordinator
ENERGY IN TIME	Belén Gómez-Urribarri Serrano	Project Coordinator
EnRiMa	Afzal Siddiqui	Project Coordinator
EPIC-HUB	Giammario Incao	Technical Coordinator
EU-GUGLE	Florencio Manteca González	Project Coordinator
FASUDIR	Ander Romero Amorrortu + Paul Mittermeier	PC + Technical Coordinator
FC-DISTRICT	Juliusz Zach	Project Coordinator
FOAM-BUILD	Christoph Mack	Project Coordinator
GE2O	Dominique Caccavelli	Project Coordinator
H2SusBuild	Alessandra Monero	Project Coordinator
HARWIN	Monika Willert-Poroda	Project Coordinator
HEAT4U	Luigi Tischer	Project Coordinator
HERB	David Tetlow	Lead project manager
HESMOS	Peter Katranuschkov	Operative manager
H-HOUSE	Katharina Malaga	Project Coordinator
HIPIN	Sanjeev Naik	Project Coordinator
HOLISTEEC	Elisabetta Delponte	Project Coordinator
ICT4E2B Forum	Andrea Cavallaro	Project Coordinator
IDEAS	Nashwan Dawood	Project Coordinator
INDICATE	Ruth Kerrigan	Project Coordinator
INSPIRE	Roberto Fedrizzi	Project Coordinator
INTASENSE	Robert Bell	Project Coordinator
IREEN	Martine Tommis	Project Coordinator
KnoholEM	Alexandra Fezer	Project Coordinator
LEEMA	Christos Dedeloudis	Project Coordinator
MEEFS RETROFITTING	Magdalena Rozanska	Project Coordinator
MEM4WIN	Leopold Mader	Project Coordinator
MESSIB	Silvio Vitalinari	Project Coordinator
MF-RETROFIT	Kostas Chrysagis	Project Coordinator
NANOCOOL	Andoni Diaz De Mendibil Bermejo	Project Coordinator
NANO-HVAC	Bart Modde	Project Coordinator
NANOINSULATE	Paul Holdsworth	Project Manager
NANOPCM	Jaime Jose Cubillo Capuz	Project Coordinator
NEED4B	Elena Calvo	Project Coordinator
NEWBEE	Javier Del Pozo Moro	Project Coordinator
NEXT-BUILDINGS	Rudy Rooth	Project Coordinator
NRG4CAST	Maja Škrjanc	Project Coordinator
ODYSSEUS	Johan Taal	Project Coordinator
ORIGIN	Edward Owens	Project Coordinator
OSIRYS	Miriam Garcia	Project Coordinator
PERFORMER	Helen Threlfall	Project Coordinator

PROFICIENT	Frans Koene	Project Coordinator
R2CITIES	Rubén García	Project Coordinator
READY	Reto Hummelshoj	Project Coordinator
READY4SmartCities	Andrea Cavallaro	Project Coordinator
RESILIENT	Andrea Ferrari	Project Coordinator
RESSEEPE	Giulia Barbano	Project Coordinator
RETROKIT	Andrea Ferrari	Project Coordinator
REVISITE	Tarek Hassan	Project Coordinator
S4ECoB	Andrea Cavallaro	Project Coordinator
SCHOOL OF THE FUTURE	Hans Erhorn	Project Coordinator
SEAM4US	Giovanni Pescatori	Project Coordinator
SEEDS	Noemi Jimenez	Project Coordinator
SEEMPubS	Enrico Macii	Project Coordinator
SESBE	Urs Mueller	Project Coordinator
SINFONIA	Hakan Perslow	Project Coordinator
SMARTBLIND	Pierre Sixou	Project Coordinator
SMARTKYE	Lola Alacreu	Project Coordinator
SPORTE2	Andrea Cavallaro	Project Coordinator
STREAMER	Freek Bomhof	Project Coordinator
SUS-CON	Alessandro Largo	Project Coordinator
TIBUCON	Piotr Dymarski	Project Coordinator
TRIBUTE	Martin Seneclauze	Project Coordinator
UMBRELLA	Nick Purshouse	Project Coordinator
URB-Grade	Mirko Presser	Project Coordinator
WINSMART	Niels Morsing	Project Coordinator
ZENN	Francisco Rodriguez	Project Coordinator
HORIZON 2020		
Accept	Sven Abels	Project Coordinator
AMANAC	Maria Founti	Project Coordinator
BERTIM	Nagore Tellado	Project Coordinator
BRESAER	Isabel Lacave Azpeitia	Project Coordinator
Built2SPEC	Germain Adell	Project Coordinator
E2EVEN	Antoine Dugue	Project Coordinator
ECO-Binder	Federico Meneghello	Project Coordinator
EeB-CA2	Régis Decorme	Project Coordinator
EEBERS	Isabel Pinto	Project Coordinator
HomeSkin	Didier Schneider	Project Coordinator
IMPRESS	Nick Purshouse	Project Coordinator
Insiter	Sebastien Rizal	Project Coordinator
ISOBIO	Alan Taylor	Project Coordinator
LaWin	Lothar Wondraczek	Project Coordinator
Moreconnect	Peter Op't Veld	Project Coordinator
RIBUILD	Ernst Jan de Place Hansen	Project Coordinator
SWIMing	Kris McGlinn	Project Coordinator

Appendix B: EeB PPP projects allocation per Working Group

WG Expert 1 (linked to PPP) Expert 2 (not involved in EeB PPP) CSA contact point	1. DESIGN		2. TECHNOLOGY BUILDING BLOCKS		3. ADVANCED MATERIALS AND NANOTECHNOLOGY		4. CONSTRUCTION PROCESS, END OF LIFE, CROSS-CUTTING INFORMATION	
	id	First WG	id	Second WG	id	First WG	id	Second WG
Don MC LEAN (or Ruth KERRIGAN -> same company)								
Annamie WYCKMANS								
Régis DECORME (EeB-CA2)								
Rank								
	1	BRIMEE	1	AMANAC	1	AMANAC	7	ADAPTIWALL
	2	CITYOPT	2	A2PBEER	2	BIODBUILD	8	AEROCOINS
	3	COOPERATE	3	ADAPTIWALL	3	ECO-BINDER	9	BRIMEE
	4	DESIGNENERGY	4	AEROCOINS	4	HOMIESKIN	10	Clear-Up
	5	ECONDISTR-ICT	5	BEEMUP	5	ISOBIO	11	COOL-COVERINGS
	6	EEMBEDDED	6	BERTIM	6	SUS-CON	12	EASEE
	7	E-HUB	7	BRESAER	7	MEEFS RETROFITTING	13	ECO-SEE
	8	EINSTEIN	8	BRICKER	8	NEXT-BUILDINGS	14	ELISSA
	9	ENBUS	9	BUILDSMART	9		15	ENE-HVAC
	10	FASUDIR	10	CETIEB	10		16	FOAM-BUILD
	11	HOUSTECC	11	CITYFIED	11		17	HARWIN
	12	IIRIN	12	Clear-Up	12		18	H-HOUSE
	13	MEEFS RETROFITTING	13	COOL-COVERINGS	13		19	HIPIN
	14	MEMAWIN	14	COST EFFECTIVE	14		20	LaWin
	15	NEXT-BUILDINGS	15	EZVENT	15		21	LEEMA
	16	R2CITIES	16	EASEE	16		22	MEMAWIN
	17	RESSEPEE	17	ECO-SEE	17		23	NANO-HVAC
	18	SCHOOL OF THE FUTURE	18	ELISSA	18		24	NANOINSULATE
	19	STREAMER	19	ENE-HVAC	19		25	NANOPCM
							26	OSIRYS
							27	SESBE
							28	WINSMART
							29	
							30	
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							42	
							43	
							44	
							45	
							46	
							47	
							48	
							49	
	19		0	19	49	8	28	26
Nb EeB projects					57		6	
Nb Total EeB projects							22	10

WG	5. ENERGY PERFORMANCE MONITORING AND MANAGEMENT	6. ICT	7. BIM/DATA/INTEROPERABILITY																																																																																																																												
Expert 1 (linked to PPP)	Sabina JORDAN	Stamatis KAMOUSKOS	Juan PEREZ																																																																																																																												
Expert 2 (not involved in EeB PPP)	Sergio SIBILIO	Risto Sakari KOSONEN	Antonio Aguiar COSTA																																																																																																																												
CSA contact point	Régis DECORME (EEB-CA2)	Isabel PINTO (EEBERS)	Kris Mc GLINN (SWIMMING)																																																																																																																												
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Appendix C: Call for experts

Call for experts - EeB-CA2

Submissions are invited to become a member of the EeB-CA2 expert group.

About EeB-CA2

The Energy Efficient Buildings contractual public-private partnership (EeB cPPP) has been launched under Horizon 2020 between the European Commission and the Energy Efficient Buildings Association (E2BA), recently merged into the European Construction, built environment and energy efficient Technology Platform (ECTP). One of the commitments in this arrangement is to monitor and exploit the results of more than 110 projects supported under this framework and related to energy efficiency in the built environment.

Therefore, the European Commission has launched in 2015 4 CSAs that will support the monitoring of the project results and will foster the dissemination and exploitation of these results. EeB-CA2 is one of the 4 CSAs.

It aims at providing the right set of instruments, supporting technology-clustering and geo-clustering upon the whole set of EeB PPP EC-funded projects. Its primary ambition consists in enhancing and rationalising coordinated and broader dissemination, technology transfer and future exploitation activities of clustered projects, so as to help them better promoting and marketing their achievements and deliverables.

EeB-CA2 project is coordinated by CSTB and involves 4 partners:

- CSTB (France)
- D'Appolonia (Italy)
- ECTP (Belgium)
- Steinbeis-Europa-Zentrum (Germany)

EeB-CA2 project began on 1 February 2015 for a period of 24 months.

For more information on the project, please visit the website: <http://www.e2b-clusters.eu/>.

Aim of the call

The aim of this call is to set up a group of high-level experts to support specific EeB-CA2 activities. At the beginning of the EeB-CA2 project, 111 EeB PPP projects were asked to nominate an expert who will be the representative of the project within EeB-CA2. This core of the EeB-CA2 Expert Group has to be completed by additional high-level experts from outside the EeB PPP projects, in order to cover some technological expertise domains not sufficiently covered by the experts coming from the projects. They will also cover expertise in some transversal areas. The additional experts will also cover the need of inputs from Member States not sufficiently represented by the experts coming from the projects.

Therefore, the EeB-CA2 Expert Group will be made of:

- Experts nominated by the EeB PPP projects (1 per project): around 100 experts

- Additional experts (between 30 and 50) selected by EeB-CA2 through this open call

The Expert Group will be organised among Working Groups (WG), defined according the main domains of the EeB Roadmap:

- WG1: Design
- WG2: Technology building blocks
- WG3: Materials
- WG4: Construction process, end of life, cross-cutting information
- WG5: Energy performance monitoring & management
- WG6: ICT
- WG7: BIM/Data/Interoperability

WG 3, WG6 and WG7 are implemented in liaison with the 3 other CSAs (AMANAC, EEBERS, SWIMing).

Duties of the experts

The experts will provide support in one or several of the following activities:

- Analysis of the impact of EeB-PPP project results and of each technology Working Group
- Writing of syntheses based on the impact analysis for the Annual EeB Project Review to be published in December 2015.
- Validation of the Technology Readiness Level (TRL) and the market potential of the identified technologies developed within EeB PPP projects. In this perspective, the technology providers will confront their vision of their technology with the one of the experts.
- Some experts will also be asked to lead training activities for the technology providers, to help them improving their skills in terms of technology transfer.

The commitment of the experts will finish at the end of the EeB-CA2 project, which is foreseen for January 30, 2017.

Funding of the experts

Each expert will be contracted following EC expert contracting rules:

- 450€per working day
- 192€(flat rate) per diem accommodation and subsistence expenses
- Travel expenses will be reimbursed on the basis of actual expenditure

Proposals submission

Interested candidates are invited to submit the following information by email to the Project Coordinator:

- Application form (Appendix A)
- Europass Curriculum Vitae

Candidatures will be sent by email to the Project Coordinator (Luc Bourdeau – luc.bourdeau@cstb.fr).

The call deadline is the **11 September 2015** at 18:00 (Brussels local time). Call information is attached in Appendix B.

Selection process

The candidatures received before the call deadline complying with the call requirements will be evaluated by the EeB-CA2 Project.

The European Commission will receive the complete list of applicants and those that are proposed to become experts for the final approval. It is expected that the selection process of the experts will be finished by the 28 September 2015 at the latest.

All applicants will receive by email the final resolution about its candidature.

The constitution of the EeB-CA2 Expert Group will be formalized by the signature of a document of acceptance of the experts' nomination. In case that this document would not be signed, the nominated expert would not be considered as a member of the Expert Group.

Call Fiche

EeB-CA2 PROJECT	
Grant agreement n°:	637003
Contract Type	Coordination & Support Action
Start Date:	1 February 2015
Duration:	24 Months
End Date:	30 January 2017
Web Site:	http://www.e2b-clusters.eu/
Project Coordinator	
Name:	Luc Bourdeau
Address	CSTB 290 Route des Lucioles – BP209 06904 SOPHIA ANTIPOLIS (France)
Phone	+33 4 93 95 64 00
Email	luc.bourdeau@cstb.fr
Call	
Date of publication:	31 August 2015
Closure date:	11 September 2015 at 18:00 (Brussels local time).

Appendix D: Memorandum of Understanding: cooperation between EeB-CA2 and the experts

EeB-CA2

Memorandum of Understanding: Cooperation between the EeB-CA2 CSA and the Experts

Overview

EeB-CA2 is a European Commission “Coordination Action”. The aim of a coordination action is to promote and support the networking and coordination of research innovation activities at a European level. The EeB-CA2 project intends to provide a set of instruments (technology- and geo-clustering, integrated dissemination and integrated technology transfer, and a supporting *common knowledge platform*) so as to increase awareness of EeB PPP project activities, speed up the industrial exploitation and take up of the results of the EeB PPP projects, and lay the grounds for future synergies and alliances oriented towards further RTD and industrial innovation, according to business and market trends.

EeB-CA2 is Horizon 2020 Coordination Action funded by the Europe Commission for 24 months: 1st February 2015 - 30th January 2017 (Grant agreement no: 637003).

Expert Group

The Expert Group is assembled from known authorities in scientific and/or technical fields and experts in dissemination and exploitation activities. The experts will support the EeB-CA2 consortium in providing inputs and outcomes of the EeB PPP projects, distributed into 7 Technology Working Groups, according to the value-chain related areas defined in the EeB Roadmap.

The experts will provide support in one or all of the following actions as prior agreed with the EeB-CA2 Project Coordinator:

- The publication of articles and 2 pages-synthesis in the EeB PPP Project Review 2015
- The validation of the Technology Readiness Level (TRL) and market potential of technologies developed in the framework of EeB PPP projects.
- Providing feedback and comments on project documents as requested.

Membership of the Expert Group does not constitute an obligation to contribute to any of the above activities. The scope of contributions will be agreed on individual basis with respect to each request.

Remuneration

- Remuneration will be in the form of a payment per day worked, plus travel and accommodation expenses if participation to a meeting is required.

Signature – Experts

I the undersigned agree to the requirements of this document and Annex A

Name

Organisation

Date

Signature

Annex A: Terms for Reimbursement

A clear schedule of a net value of the expenses incurred should be sent as an invoice to ECTP Secretariat with the form in Annex B. Payment will be in Euros.

Daily Payment: Experts are entitled to a daily payment of **€ 450 for each day worked.**

Local Taxes: VAT is not an eligible cost for EC projects.

Invoices

Invoices should be sent to ECTP Secretariat, with the detail of expenses incurred and the related proofs.

Please send it to:

ECTP Secretariat
Att. Sylvie Corrado
290 route des Lucioles – BP 209
06904 Sophia Antipolis
FRANCE
secretariat.ectp@cstb.fr

Bank Details

In order to pay we require your bank details:

1. IBAN
2. BIC / SWIFT Code
3. Bank Name
4. Bank Address
5. Payee Name

Signed MoU & Annex A

This contract establishes the contractual arrangement between the expert and EeB-CA2 project. Please sign, scan and return it.

Annex B: Reimbursement Form to be attached to invoice:

Application for Reimbursement/Payment for EeB-CA2 Expert	
Name of Expert	
Town	
Country	
Activity description e.g. title of event, location	

Payment for Working Days – Do you wish to Claim?	YES NO
Number of working days	
Declaration	
Signature	
Date	

Parties agrees that the delivery of this document by electronic transmission, including copies of the executed signature pages via pdf, shall have the same force and effect as delivery of the original signatures and that each party may use such copies of the executed signature pages as evidence of the execution and delivery by all parties.

Appendix E: Template for the contribution to the EeB PPP Project Review 2016

Article Guidelines - EeB PPP Project Review 2016

The E2B Committee of ECTP has started preparing the 5th edition of the Project Review publication to showcase EeB PPP currently funded or finished projects. The publication will contribute to project dissemination objectives.

We are therefore contacting your project, as a project which received funding from the EC, to get your help and contribution to this publication.

Please see below some guidelines about the article which will deal with your project and the information we need from you.

The article

- **Note the strict number of characters, spaces included.** Please do not exceed this number (see enclosed templates).
- The article should be sent in a word document, in Times New Roman font.
- The article should be written in the 3rd person singular - “the project, the team”.
- English should be clear and concise, written in short sentences.

Projects funded through H2020 2014 Call

Please use the template of Page 3 to prepare your article.

Make sure you are using the 2014 template.

Projects funded through FP7 2010, 2011, 2012 and 2013 Calls

Please use the template of Page 4 to prepare your article.

Make sure you are using the 2010/2011/2012/2013 template.

List of EeB PPP projects considered in the Project Review 2016

2014 call	SINFONIA	HEAT4U
Accept	STREAMER	INTASENSE
AMANAC	TRIBUTE	IREEN
BERTIM		
BRESAER		
Built2SPEC	2012 call	KNOHOLEM
E2VENT	AMBASSADOR	LEEMA
ECO-Binder	COOPERATE	MEEFS RETROFITTING
EeB-CA2	E[plus]	NEED4B
EEBERS	EEPOS	NEXT-BUILDINGS
HOMESKIN	EE-WISE	REVISITE
IMPRESS		S4EEB
Insiter	EFFESUS	
ISOBIO	ENBUS	SEAM4US
LaWin	ENE-HVAC	SEEDS
MORE-CONNECT	EPIC-HUB	SUS-CON
RIBuild	EU-GUGLE	
SWIMing	HARWIN	2010 call
	HERB	3ENCULT
	IDEAS	AEROCOINS
2013 call	INSPIRE	BEEMUP
A2PBEER	MEM4WIN	Clear-Up
ADAPTIWALL	NANOCOOL	COOL-COVERINGS
BESOS	NANO-HVAC	COST EFFECTIVE
BRICKER	NEWBEE	E2REBUILD
BRIMEE	NRG4CAST	E-HUB
CITYFIED	ODYSSEUS	ENRIMA
CITYOPT	ORIGIN	FC-DISTRICT
CITY-ZEN	PROFICIENT	H2SusBuild
COMMONENERGY	R2CITIES	HESMOS
CoSSMic	RESILIENT	HIPIN
DAREED	RETROKIT	ICT 4 E2B FORUM
DESIGN4ENERGY	SMERTBLIND	MESSIB
DIMMER	SMARTKYE	NANOINSULATE
e-balance	UMBRELLA	NANOPCM
ECODISTR-ICT	URB-Grade	SCHOOL OF THE FUTURE
ECO-SEE	WINSMART	SEEMPUBS
ECOSHOPPING	ZENN	SPORTE2
EEEMBEDDED		TIBUCON
ELISSA	2011 call	
ENERGY IN TIME	BEAMS	
FASUDIR	BIOBUILD	
FOAM-BUILD	BUILDSMART	
H-HOUSE	CAMPUS21	
HOLISTEEC	CASCADE	
INDICATE	CETIEB	
MF-RETROFIT	DIRECTION	
OSIRYS	EASEE	
PERFORMER	EEBGUIDE	
READY	EINSTEIN	
READY4SmartCities	GE20	
RESSEEPE		
SESBE		

Article template for 2014 projects

Section	Maximum number of characters, spaces included	Actual number of characters, spaces included
Acronym e.g. "IDEAS"	/	/
Title e.g. "Intelligent neighbourhood Energy Allocation and Supervision"	150	
Description <i>Please focus on <u>innovative aspects</u> of your project, <u>expected or achieved impacts</u>, and <u>exploitable results</u>. Please do not copy generic project objectives from your proposal.</i> e.g. "IDEAS developed an Energy Management System (EMS). The optimisation & prediction algorithms embedded in the EMS enable up to a 30% increase of the revenue generation from distributed renewable electricity & heat production and a 10 % increase in the efficiency of distributed renewable energy plant. Innovative user interfaces and a decision support urban planning tool are integrated with the EMS."	400	
Key Facts		

- **Start date** (e.g May 2013):
- **Duration** (months):
- **Total budget** (€, e.g. 8.3 million):
- **Website:**
- **Coordinator** (see comment below):
- **Partners** (see comment below):

List the coordinator first, then the remaining partners in alphabetical order by country, using the name of the company as they wish to be listed. Only use capitalisation where correct e.g. Coordinator: Keraben, Spain.

Partners: Netherlands: TNO. Spain: Acciona, Tekniker.

In addition please provide:

- **Project logo**
Provide your logo preferably in '.ai' or '.eps' format.
Otherwise '.jpg' is accepted if it is at least 300 dpi.
- **Project picture**
Provide 1 high resolution '.jpg', '.tiff' or similar file representing your project.
Your picture must be at least 300 dpi CMYK.
Conversions from PowerPoint are not sufficient print quality.
Make sure you include the caption for the picture.

Article template for 2010, 2011, 2012, 2013 projects

Section	Maximum number of characters, spaces included	Actual number of characters, spaces included
Acronym e.g. "IDEAS"	/	/
Title e.g. "Intelligent neighbourhood Energy Allocation and Supervision"	150	
Description <i>Please focus on <u>innovative aspects</u> of your project, <u>expected or achieved impact</u>, and <u>exploitable results</u>. Please do not copy generic project objectives from your proposal.</i> e.g. "IDEAS developed an Energy Management System (EMS). The optimisation & prediction algorithms embedded in the EMS enable up to a 30% increase of the revenue generation from distributed renewable electricity & heat production and a 10 % increase in the efficiency of distributed renewable energy plant. Innovative user interfaces and a decision support urban planning tool are integrated with the EMS."	400	

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- **Project picture**
Provide 1 high resolution '.jpg', '.tiff' or similar file representing your project.
Your picture must be at least 300 dpi CMYK.
Conversions from PowerPoint are not sufficient print quality.
Make sure you include the caption for the picture.

Appendix F: Validation of highly promising technologies by experts

	Project	Result	Project contact person	Experts
1	BEEM UP	Aerogel by BASF as insulation solution	Juan R. De las Cuevas	Mr. Kogler Klaus
2	BUILDSMART	Energy efficient building envelopes (parietodynamic walls, nano-paints, pond roofs for passive solar heating)	Roland Zinkernagel	Mr. Lollini Roberto
3	BUILDSMART	Building ventilation (heat recovery from ventilation, parietodynamic walls with hybrid ventilation system)	Roland Zinkernagel	Mr. Lollini Roberto
4	BUILDSMART	Heating and cooling system integration (geothermal heating and PV, cooling heat recovery, ground water cooling, energy storage)	Roland Zinkernagel	Mr. Lollini Roberto
5	BUILDSMART	Lighting systems (guided natural light, LED technology and motion detectors with daylight compensation)	Roland Zinkernagel	Mr. Lollini Roberto
6	CAMPUS 21	Wireless Building Diagnostic System	Karsten Menzel	Prof. Costa Antonio Aguiar
7	CommONEnergy	CO ₂ -Gas user for refrigeration systems	Roberto Lollini Sylvia Zanolin	Dr. Sesho Igor
8	DIRECTION	Methodology for building evaluation and results comparison	Sergio Sanz (co-coordinator: Julia Vicente) Helga Treiber & Elisabeth Smidt	Dr. Eng. Prosseda Stefano
9	DIRECTION	Integrated process for the design and management of very low energy buildings	Sergio Sanz (co-coordinator: Julia Vicente) Helga Treiber & Elisabeth Smidt	Dr. Eng. Prosseda Stefano
10	DIRECTION	Monitoring platforms for each demo site	Sergio Sanz (co-coordinator: Julia Vicente) Helga Treiber & Elisabeth Smidt	Dr. Eng. Prosseda Stefano
11	EnE-HVAC	Simulation models for boiling on nanostructured surfaces and heat exchange	Jacob Hansen	Prof. Kosonen Risto Sakari
12	EnRiMa	Long-term strategic model for building retrofits	Afzal Siddiqui	Mr. Izaola Borja
13	EPIC-HUB	DEMS District Energy Management System	Andrea Maria Ferrari Guido Mario Monteverde	Prof. Day Antony Robert
14	H2SusBuild	Type II composite gas cylinders for hydrogen storage	Alessandra Monero	Mr. Kogler Klaus
15	HIPIN	HIPIN aerogel – aerogel based on the high silica content precursor (TES58)	Sanjeev Naik	Barona Ballesteros Jesus Antonio

16	HIPIN	Thermal insulating paint formulation containing HIPIN aerogel	Sanjeev Naik	Barona Ballesteros Jesus Antonio
17	iNSPiRe	Wooden frame, envelope insulation module incorporating mechanical Heat Pump	Roberto Fedrizzi	Prof. Dr. Desideri Umberto
18	iNSPiRe	Kit2: Wooden frame, envelope insulation module incorporating a solar collector.	Roberto Fedrizzi	Prof. Dr. Desideri Umberto
19	MEM4WIN	Glazing "version 1": Sealing and weight reduction of window	Mader Andreas	Prof. Psomopoulos Constantinos
20	MEM4WIN	Glazing Version 2: Replacing ITO with CVD Graphene	Mader Andreas	Prof. Psomopoulos Constantinos
21	URB-Grade	Multi-Tennancy Decision Support Platform	Mirko Presser Mikel Larranaga	Mr. Karnouskos Stamatis

Appendix G: Template for technologies validation

1. Technology Description

Q01	TECHNOLOGY NAME:
Q02	PROJECT NAME:
Q03	Project website:
Q04	Project / result main expert(s)/ contact person: Name: First name: Email:
Q05	Project working group <ul style="list-style-type: none"> – Design <input type="checkbox"/> – Technology Building Blocks <input type="checkbox"/> – Materials <input type="checkbox"/> – Construction process, end of life, cross-cutting integration <input type="checkbox"/> – Energy performance monitoring & management <input type="checkbox"/> – ICT <input type="checkbox"/> – BIM, Data Interoperability <input type="checkbox"/>
Q06	Technology field(s):
Q07	Technology description: <i>Describe in simple terms the aim of your technology, in which kind of application(s) it can be utilised.</i>
Q08	Characteristics and features: <i>What are the core distinctive innovative elements of the result compared to the state of the art? What makes the result novel or different from existing technologies?</i>
Q09	Is the innovation developed within the project : <ul style="list-style-type: none"> a) under development <input type="checkbox"/> b) already developed but not yet being exploited <input type="checkbox"/> c) being exploited <input type="checkbox"/>

Q10	<p>Characterise the type of innovation</p> <ul style="list-style-type: none"> – Significantly improved product <input type="checkbox"/> – New product <input type="checkbox"/> – Significantly improved service (except consulting ones) <input type="checkbox"/> – New service (except consulting ones) <input type="checkbox"/> – Significantly improved process <input type="checkbox"/> – New process <input type="checkbox"/> – Significantly improved marketing method <input type="checkbox"/> – New marketing method <input type="checkbox"/> – Significantly improved organisational method <input type="checkbox"/> – New organisational method <input type="checkbox"/> – Consulting services <input type="checkbox"/> – Other <input type="checkbox"/> <p>If other, please specify:</p>
Q11	<p>TRL (expected) level by the end of the project: <i>please refer to the TRL scale in the annex of this questionnaire</i></p>
Q12	<p>Expected date when technical developments will be completed?</p> <ul style="list-style-type: none"> a) Less than 1 year: <input type="checkbox"/> b) Between 1 and 2 years: <input type="checkbox"/> c) Between 3 and 5 years: <input type="checkbox"/> d) More than 5 years: <input type="checkbox"/>
Q13	<p>Can this technology be used in new constructions? <input type="checkbox"/>Yes <input type="checkbox"/>No</p>
Q14	<p>Can this technology be used in renovation/retrofitting? <input type="checkbox"/>Yes <input type="checkbox"/>No</p>
Q15	<p>Is the technology compatible with existing solutions? <input type="checkbox"/>Yes <input type="checkbox"/>No</p> <p><i>If yes, please indicate what are the compatible technologies</i></p>
Q16	<p>Who are the partners that have contributed to the achievement of the result?</p>
Q17	<p>Is this result protected? <input type="checkbox"/>Yes <input type="checkbox"/>No <input type="checkbox"/>Do not know</p> <p>If yes:</p> <p>- by which mean is the result protected (<i>active protection: patent, design or trademark registration, etc... or passive protection: secrecy, etc...?</i>)</p>

Q18	<p>Will the innovation be introduced to the market or deployed within a partner:</p> <p>a) Introduced new to the market (commercial exploitation) <input type="checkbox"/></p> <p>b) Deployed within a partner (internal exploitation: Changes in organisation, new internal processes implemented, etc.) <input type="checkbox"/></p>
Q19	<p>Indicate the step(s) already done (or which are foreseen) in the project in order to bring the innovation to (or closer to) the market:</p> <p>a) Technology transfer:</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/> o Desirable <input type="checkbox"/> <p>b) Engagement by Industrial research team of one of their company's business units in project activities:</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/> o Desirable <input type="checkbox"/> <p>c) Pilot:</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/> o Desirable <input type="checkbox"/> <p>d) Capital investment (VC, Angel, other):</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/> o Desirable <input type="checkbox"/> <p>e) Investment from public authority (national, regional):</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/> o Desirable <input type="checkbox"/> <p>f) Business plan:</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/> o Desirable <input type="checkbox"/> <p>g) Prototyping:</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/> o Desirable <input type="checkbox"/> <p>h) Market study:</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/>

	<ul style="list-style-type: none"> o Desirable <input type="checkbox"/> <p>i) Demonstration or Testing activities:</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/> o Desirable <input type="checkbox"/> <p>j) Feasibility study:</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/> o Desirable <input type="checkbox"/> <p>k) Launch a start-up or spin-off:</p> <ul style="list-style-type: none"> o Done <input type="checkbox"/> o Planned <input type="checkbox"/> o Not Planned <input type="checkbox"/> o Desirable <input type="checkbox"/> <p><i>If a start-up/spin-off has been launched, please provide its name and legal information (owner and company address)</i></p>
Q20	<p>At this stage, is an external support needed in order to facilitate the access to market of the technology?</p> <p>a) Investors – seed capital: <input type="checkbox"/></p> <p>b) Business plan development: <input type="checkbox"/></p> <p>c) Legal advice (IPR or other): <input type="checkbox"/></p> <p>d) Dissemination support: <input type="checkbox"/></p> <p>e) Start-up accelerator/incubator: <input type="checkbox"/></p> <p>f) Scientific/ technological partnership: <input type="checkbox"/></p> <p><i>If yes, please detail:</i></p> <p>g) Commercial partnership: <input type="checkbox"/></p> <p><i>If yes, please details:</i></p> <p>h) Others: <input type="checkbox"/></p> <p><i>If yes, please details:</i></p>
Q21	<p>Project publication(s) on this technology:</p>

2. Market Potential Assessment

Q22	What is the final marketable product or service?
Q23	Which market should be targeted by this product / service?
Q24	In the target market, is it possible to focus on a specific market segment? If yes, which one?
Q25	Who will be the target customers? Who could buy/license this product / service? To whom is this product directed to in the value chain? A consumer? An end user? An intermediate player in the value chain (e.g. processing)?
Q26	What are the market needs and how will these be addressed by the product/service? What is the unique selling proposition of the product/service?
Q27	What is the market size in Million € for this result and relevant trend? Target market in Million € per year. Order of magnitude? (e.g. Million €, tens of million €). If you can't provide any quantitative inputs, is this a market that is going to grow? Is it a niche market or a mainstream market?
Q28	How will the technology be commercialised? What is the business model to penetrate the market?
Q29	What is the expected turn-over and return on investment for your organisation?
Q30	Are there any additional investments to be done after the project and before market deployment? e.g. Investment in further research, need to purchase machinery, etc. (please state in economic terms)
Q31	When this innovation will be ready to be commercialised? a) Less than 1 year: <input type="checkbox"/> b) Between 1 and 2 years: <input type="checkbox"/> c) Between 3 and 5 years: <input type="checkbox"/> d) More than 5 years: <input type="checkbox"/>
Q32	What is the approximate price range of this result (or price of licences)?

Q33	How will this result rank against competing products in terms of price / performance? <i>What is the main competitive advantage against competing products? Price (e.g. 30% reduction), performance (specify), or both?</i>
Q34	What will be the technology acceptance of the customer? a) Customer will accept <input type="checkbox"/> b) Customer will accept to some extent <input type="checkbox"/> c) Customer will not accept <input type="checkbox"/>
Q35	Who are the competitors for this result? <i>e.g. Other research institutions, SMEs, large multinationals such as..., etc (please specify the type of companies / institutions, you can give some names) If you can't provide names, I suggest you outline the kind of companies or institutions that could be competitors (to your best estimate)</i>
Q36	How fast and in what ways will the competition respond to this result? <i>e.g. it would take 3 years for the competition to develop an alternative result</i>

3. Publishable Summary

Max. 400 words *summing up the main aspects in order to present a marketable product/service*

Appendix H: Call for co-exhibition at Smart City Expo Congress 2016

Dear EeB project coordinator or contact person,

The ECTP Energy Efficient Buildings Committee supported by the [EeB-CA2 CSA](#) would like to host an exhibition booth at [Smart City Expo World Congress](#), November 15 – November 17, 2016, Fira Barcelona Gran Via, Barcelona, Spain.

At our booth, we will distribute the 2016 edition of the “EeB Project Review” brochure in which your project is featured.

We are looking to co-host our booth with 3 to 4 EeB projects that will present interactive demonstrations of the technologies they have developed. We would like to invite those projects with technologies between TRL 7-9 to apply.

The approach is that the 3 to 4 selected projects and EeB-CA2 will share the costs of the booth. Each project will be invoiced directly by the event organizers.

We estimate that the participation required per project will be around €1000. This price **includes** exhibitor passes for project staff. The exact amount will be confirmed once we know the number of projects selected.

If you are interested in this co-exhibition offer, please fill-in the application details below and sent it back by May 4th to secretariat@e2b-ei.eu

We will let you know by May 18th if your proposal has been selected.

With kind regards,

Anne-Claire Streck
ECTP

1. Acronym of your project:
2. Contact person: Email: Phone:
3. Description of what you wish to show
4. Maturity (TRL 7 to TRL 9 – see definition below) <input type="checkbox"/> TRL 7 <input type="checkbox"/> TRL 8 <input type="checkbox"/> TRL 9
5. Describe the interaction with the exhibition visitors
6. Has this demonstration been shown elsewhere in public? Yes or no. (If yes, when and where?)

<p>7. Technical requirements Please detail the equipment that you will bring, and the equipment you will need from the event organisers (e.g. large screens, etc.). Please note that the special equipment will be paid directly by your project to the event organisers.</p>
<p>8. Links (Documents, videos, etc.)</p>

Appendix I: Post-exhibition questionnaire form

Project name:	
EXPLOITATION OF RESULTS AND TECHNOLOGIES PRESENTED	
Give a description of the technologies exploited at WBC 16 by the project. What is the TRL level of each technology?	
What is the potential impact of the exhibition on the future valorization/exploitation of the project?	
What are the projects' next steps for market uptake?	
CO-EXHIBITION FEEDBACK	
What type of dissemination materials did the project present at the exhibition (sample of technology, flyers, posters, video...)?	
Describe the response and feedback the project received from visitors. (Number of contacts made,	

number of demos done, number of follow up discussions planned, etc.)	
What would be your recommendations/improvements for the next exhibition?	

Acronyms

CSA	Coordination and Support Action
EeB-CA2	Energy Efficient Buildings Cluster Activities Coordination Action
E2BA	Energy Efficient Buildings Association
ECTP	European Construction Technology Platform
NTP	National Technology Platform
TRL	Technology Readiness Level
WG	Working Group