



SPRINT WORKSHOP

21st – 23rd of October 2013

Almhotel Hochhäderich,
Vorarlberg/AUSTRIA

ENJOY INSPIRED WORKING

on sustainable buildings and
neighbourhoods in a scenic
mountainous location
towards a harmonized
assessment in Europe

You will work in small expert groups
to develop concrete outcomes for the
Common European Sustainable Building
Assessment in only three days.



CABEE
Capitalizing Alpine Building
Evaluation Experiences



THIS PROJECT IS CO-FUNDED BY THE
EUROPEAN REGIONAL DEVELOPMENT FUND

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LCT-ONE

INVITATION CESBA SPRINT WORKSHOP

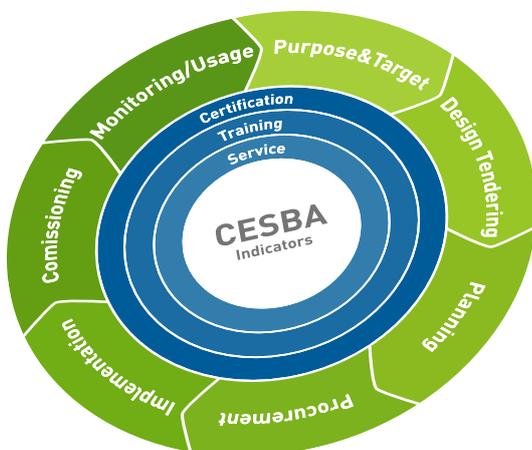
21st – 23rd of October 2013

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WHAT IS CESBA?

CESBA is the process towards new and harmonized building and neighborhood standards in Europe. The CESBA process has been started 3 years ago as a non-profit, bottom up process by stakeholders closely linked to the public sector. Meanwhile it got attention from many organizations, too from European Commission – DG Environment.

CESBA discuss the aspects of core European indicators to measure and assess the sustainability of a building or neighborhood. All aspects along the building cycle, from planning to construction, from tendering to monitoring are challenged. Further it integrates the certification processes, the needs for training and communication. Because incremental sustainability may add construction complexity, all stakeholders along the value chain —including builders, administrations and users— need tools to evaluate both environmental and construction complexity.



THE AIMS OF THE CESBA SPRINT-WORKSHOP

- the strengthening of the bottom up process from experts and institutions
- the coordination of the various activities and networking while learning from each other.

WHO SHALL PARTICIPATE?

- People who want to broaden their horizons and be at the pulse of time.
- People who like to interact and network, those are creative and want to discuss ideas for the future with colleagues from other Nations.
- People who want to design the future in the building sector local, regional or transnational.

WHAT IS TO BE EXPECTED?

The participants can expect a comprehensive development of quality standards for future buildings and neighborhoods. A concrete perspective for action and project ideas for further cooperation will be created. The personal network among other experts will be strengthened. All together will be a strong impetus for the further development of common european sustainable building assessment. Further it shall be exciting days in a creative environment in the mountains of Vorarlberg.



Mountain Peak "Hochhäderich"

SESSIONS DESCRIPTION AND STRUCTURE

- 3 Days in the Mountains
- 6 Parallel Thematic Sessions
- 6 Plenary Presentations
- 15 Moderators
- 110 Experts in Working Groups

THE SPRINT METHOD

The sprint method is used especially for innovation and development processes. The project helps to build efficient task forces with the participation of users, developers and decision makers working together in a strict and efficient manner. The goal is to get useful and approved results in a very short time. The method makes it possible that the developers and users are working shoulder on shoulder for a defined amount of days. In addition, during the common working days on a common place the participants are going to build a community, a more and more common understanding for the needs and the methods which are required from the target groups.

6 THEMATIC SESSIONS

6 sessions, each focusing on the special topics, but linked to each other guide the participants through the CESBA Sprint Workshop. All sessions have a moderator and a co-moderator who are experts in their fields. The group will stick together for one and half days, than they may change. A team of overall moderators ensure a fruitful working atmosphere and useful results of the workshop.

INDIVIDUAL WORKING LOCATIONS

Each session team decides themselves where and how they create results on their topic. E.g. it is up to the team if they use the sauna or go for a walk to the nearby lake or go up the mountain towards the rocks. They will present their meanwhile results in short in the plenary and receive a new task from the overall moderators.

All participants choose the session group during the first lunch. There are neither special speeches nor any listener – all are co-workers for CESBA while learning by the exchange with other experts. The whole process will be documented. Documents will be uploaded on the wiki-site wiki.CESBA.eu

15 MODERATORS

- **Andrea Moro**, iisBE (IT)
- **Dalibor Borak**, Czeck Chamber of Architects, CEC5 (CZ),
- **Daniel Wibmer**, Dr. Wibmer Development Consulting (AT)
- **Dietmar Lenz**, Umweltverband Vorarlberg (AT)
- **Etienne Vienot**, Rhônealpnéergie Environnement (FR)
- **Eveline Thaler**,
Lucerne University of Applied Sciences and Arts (CH)
- **Karin Klapproth**, Kameleion (CH)
- **Hannes Mahlknecht**, EURAC Research (IT)
- **Herwig Hengsberger**, IG Passivhaus Plus (AT)
- **Laurent Chanussot**, Rhônealpnéergie Environnement (FR)
- **Markus Berchtold**, Nena Network Enterprise Alps (AT)
- **René Lohe**, BSU - Beratungs- und Service-Gesellschaft Umwelt mbH, CEC5 (DE)
- **Ronald Setznagel**, Verein Weiterkommen (AT)
- **Sabine Erber**, Energieinstitut Vorarlberg (AT)
- **Sonja Geier**,
Lucerne University of Applied Sciences and Arts (CH)

3 DAYS IN THE MOUNTAINS

Staying away from the office for 3 days offers the possibility to focus on a certain topic and establish a strong relationship with other experts. Still to stay in touch with the home office, internet connection is offered.

PROGRAM

MONDAY 21ST OCTOBER 2013

09.00 Arrival Life Cycle Tower ONE, Färbergasse 17b, 6850 Dornbirn

10.00 Introduction and excursion Life Cycle Tower ONE
11.00 Official Welcome by the State of Vorarlberg, Karl-Heinz Rüdisser, Deputy Governor

11.30 Common bus transfer to the CESBA Sprint Workshop location

12.30 Check-in and common lunch

14.00 Welcome and organizational issues, CESBA Introduction and Workshop Objectives

15.30 Coffee Break

16.00 Parallel working sessions – round 1

S1: Training and Education	S2: Building and neighbourhood Assessment	S3: Certification process	S4: Political Implementation, legal framework	S5: Usage and Monitoring	S6: CESBA process and activities
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18.00 Dinner

19.00 Plenary presentations - Session round 1

19.30 Parallel working sessions – round 2

S1:	S2:	S3:	S4:	S5:	S6:
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TUESDAY 22ND OCTOBER 2013

09.00 Plenary presentations - Session round 2

09.30 Parallel working sessions – round 3

S1:	S2:	S3:	S4:	S5:	S6:
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11.30 Plenary presentations Session round 3 - Mid term

Possibility to change groups

12.30 Lunch

14.00 Parallel working sessions – round 4

S1:	S2:	S3:	S4:	S5:	S6:
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17.00 Plenary presentations Session round 4

18.00 Dinner

19.00 Parallel working sessions – round 5

S1:	S2:	S3:	S4:	S5:	S6:
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WEDNESDAY 23RD OCTOBER 2013

09.00 Plenary presentations - Session round 5

09.30 Parallel working sessions – round 6

S1:	S2:	S3:	S4:	S5:	S6:
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11.30 Final plenary presentations Session round 6 - Final agreement on the workshop result

13.30 Lunch

14.00 Possibility for WP meetings CEC5, CABEE and individual consultations

16.00 Closure

16.30 Bus transfer to Dornbirn, Departure



Practical Experience - Air Tightness Test

SESSION 1

TRAINING AND EDUCATION

Herwig Hengsberger

IG Passivhaus Plus (AT)

Ronald Setznagel

Weiterkommen - Verein für Bildung und Nachhaltigkeit (AT)

CONTENT

Training and education on sustainable buildings and its aspects: Innovative good examples and knowledge exists. Participant's experiences shall be shared and their exchange organized. Further lack or barriers of education for all aspects of CESBA shall be addressed.

- Overview on existing offers
- What are the needs?
- Development of a common standard for craftsman, on the example of PHCC (ISO and ECVET - certification)
- Market place of training offers

CURRENT SITUATION

Planning and constructing of NZE – buildings needs a lot of skills both on the planning and on the craftsmen side. It is a matter of fact, that in the area of building a lot of unskilled people are working. According to the three target groups – unskilled workers, skilled workers and planners different strategies and training offers are needed. On the example of the Passivhouse -Craftsman – Course (PHCC), which has been developed regarding the needs and the language of Craftsmen (regarding ISO -and EC-VET – certification), the common development of training offers will be discussed.

SESSION OBJECTIVES

- Give an overview on existing training offers
- Compare the training offers in the home country with countries of participants
- Development of training offers
- Give the opportunity to change training offers on the „market place“

TARGET GROUP

- People responsible for or interested in vocational training and education



View from the peak of the Hochhäderich

SESSION 2

BUILDING AND NEIGHBOURHOOD ASSESSMENT

Andrea Moro,
Regione Piemonte, iiSBE (IT)

Hannes Mahlkecht,
EURAC Research (IT)

CONTENT

Definition of a common approach to sustainable building assessment at European level. Harmonization of existing tools. Development of a core set of criteria and common metrics. Principles for sustainability assessment at urban and regional scale.

CURRENT SITUATION

About 80 different sustainable building assessment systems are actually used in Europe at international, national and regional level. Since 1990, when the first systems were launched, the number of rating tools is increasing exponentially. The existing labels show the absence of a common approach and the impossibility to compare the assessment results produced by the different tools.

The actual scenario appears very confused to the stakeholder of the building sector. Too many differences concerning frameworks, criteria, weighting systems, scoring methods, ways to represent the results are present. These substantial differences are not facilitating the mass diffusion of building certification at European level.

Beside the assessment systems at building scale, new ones at urban and regional scale are emerging. Also in this case, methods and assessment principles seem to be different. The harmonization principles should be applied also at this scale, from clusters to cities.

SESSION OBJECTIVES

It is the objective of this session to define the CESBA principles to sustainability assessment at building and urban scale.

Key questions are:

- What should be the core assessment criteria at European level?
- What should be a common method for building assessment and urban areas evaluation?
- What should be an European framework adaptable to local contexts?
- How to harmonize the existing labels? Could it be defined a common certificate or building signature?

TARGET GROUP

Everyone that is interested to the use of building rating systems. Designers, construction companies, developers, investors, public administration representatives, policy makers, researchers.



Lifecycle Hub - LCT Dornbirn

SESSION 3

CERTIFICATION PROCESS

Eveline Thaler,

Lucerne University of Applied Sciences
and Arts (CH)

Sabine Erber

Energieinstitut Vorarlberg (AT)

CONTENT

- Creation of a mass approach in using quality certification standards
- Integration of the certification in the political life as promoting nature
- Strengthening the European framework for a local or regional autonomy in the certification

CURRENT SITUATION

Currently the certifications of building standards made vary widely, from very extensive certifications by external experts to self-declarations of the owner. Two years ago with CESBA a process was started to coordinate and harmonize such certification efforts.

SESSION OBJECTIVES

- Development of solutions for the mass application of holistic certifications for buildings and neighborhoods.
- Recommendations for institutions of the European to the local level.
- Fix the necessary framework for the preservation of regional or local autonomy.
- Clarification of the process, the client, control, definition of minimum standards necessary documents including Integration of certifications in the legal framework (funding).
- Furthermore, the requirements for validity of certifications, the publication of the documents and the results of the training and the certification authorities and the financing of the certifications to be clarified.

TARGET GROUP

- Entrepreneurs, who issue building certificates
- Users of building certificates for the sale or purchase of buildings
- Representatives of institutions, who determine the policy framework on European, national or local level.
- Building users who want to design the architectural standards for their living environment themselves.



New part of the Almhôtel Hochhäderich

SESSION 4

POLITICAL IMPLEMENTATION

Daniel Wibmer,

Dr. Wibmer Development Consulting (AT)

René Lohe

BSU - Beratungs- und Service-Gesellschaft Umwelt mbH;
CEC5 (DE)

CONTENT

- Mass oriented communication for mass oriented quality standards e.g. building signatures
- Integration of building standards in political life as promoting nature
- European framework for a local or regional autonomy

CURRENT SITUATION

Currently, the qualities of buildings are usually defined on the energy consumption and costs. In some places, an assessment of the design with architecture prices takes place. Numerous instruments are on the European market. However, a comprehensive analysis of the building qualities and its vicinity, including creation and maintenance process hardly takes place. A broadly accepted and at various quality standard on European level is not given. Currently, multilevel suggestions for quality standards are collected and developed. Ideas for communication (e.g. building signature) are also emerging. With CESBA two years ago a process for coordination and harmonization was started.

SESSION OBJECTIVES

Development of solutions for the mass application of comprehensive quality standards for buildings and neighbourhoods. Recommendations for each of the institutions from the European to the local level. Fixing the necessary framework for the preservation of regional or local autonomy, for the policy as well as for companies and users of buildings. Definition of minimum standards for the communication of building qualities ("signature building"). Integration of comprehensive building standards in the legal framework (funding).

TARGET GROUP

- Actors which formulate politic goals, discuss and decide
- Users of building certificates for sale or purchase of buildings
- Representatives of institutions, which help to determine the policy framework on European, national or local level.
- Representatives from the media who communicate quality standards of buildings and neighbourhoods
- Building users who want themselves to create their standards for their architectural living environment



Passive House, Hohenweiler Vorarlberg

SESSION 5

USAGE AND MONITORING

Sonja Geier,

Lucerne University of Applied Sciences and Arts (CH)

Laurent Chanussot,

RhôneAlpénergie Environnement (FR)

CONTENT

The session will begin by laying out the current situation of how buildings are commissioned, certified, maintained and used. Adding to this, the state and examples of monitoring of buildings and neighborhoods will be discussed.

Through this, an approach on how to take the usage and monitoring phase appropriately into account of building (and neighborhood) assessment will be developed. Furthermore it will be discussed how to improve the involvement of the major players during this phase of the building-life-cycle: The user and facility management.

CURRENT SITUATION

Looking over the whole building-life-cycle most energy and about 90% of all costs are due during the longest phase: usage. But: more often than not after a building is commissioned (and certified), architects and planners are gone. Building technology companies will stay a bit longer to work on those qualities that weren't fully implemented at the finish – usually after a fashion.

What is left is the user - the single most important reason a building is constructed in the first place. Users mainly are not concerned with the quality of the building technologies, unless they get involved, but with the comfort they provide. The role of facility management often degenerates to ensuring this comfort, no matter the (energy) cost. Good ideas and technologies can be corrupted by focusing on this single-minded goal. Continuous monitoring of a building can unearth problems within and help improve it's overall performance without sacrificing any user-comfort, but real expertise on how to monitor buildings correctly is few and far between. Whole neighborhoods are even more complicated to monitor and there is less experience with monitoring of necessary grids than there is with single houses.

This overall unsatisfactory state of affairs is rounded down by current building assessments that are solely based on how a building is planned to perform.

SESSION OBJECTIVES

- Developing a system on how to take usage and monitoring into account of building assessment and how the quality can be ensured during this period. This will not only focus on the how, but on which aspects determine this quality and how they are weighted as well.
- Developing an approach on how the quality during usage and monitoring can be improved on it's own. To name a few possible issues:
 - involvement/awareness of users and facility management
 - commissioning scenarios
 - different responsibility-models (e.g. "cradle-to-cradle" approach)

TARGET GROUP

Planners, Building technology companies, Building Owners, Facility Management, Users



CESBA MEETING BRUSSELS

SESSION 6

CESBA PROCESS

Etienne Vienot,
RAEE Rhônalpénergie Environnement (FR)

Dalibor Borak,
Czech Chamber of Architects, CEC5 (CZ)

CONTENT

The continuation of the CESBA process shall be organized as a free initiative of many stakeholders. Network activities, wiki.CESBA.eu, a transnational coordination observatory shall be prepared.

CURRENT SITUATION

The CESBA process has been started 3 years ago as a non-profit, bottom up process by stakeholders closely linked to the public sector. Meanwhile it got attention from many organizations in the field of the building assessment.

CESBA is more than the assessment of buildings. CESBA is the process towards new building and neighborhood standards in Europe. CESBA discuss the aspects of core indicators to measure various qualities of a building or neighborhood. All aspects along the building cycle, from planning to erection, from tendering to monitoring are challenged. Further it integrates the certification processes, the needs for training and communication. CESBA highlights exemplary regional success-stories.

CESBA needs more structure and the integration of more institutions into the process. Therefore transnational meetings have been hold. The wiki wiki.CESBA.eu has been launched.

This CESBA-Sprint Workshop is a milestone in the development of CESBA. Many interested partners are present.

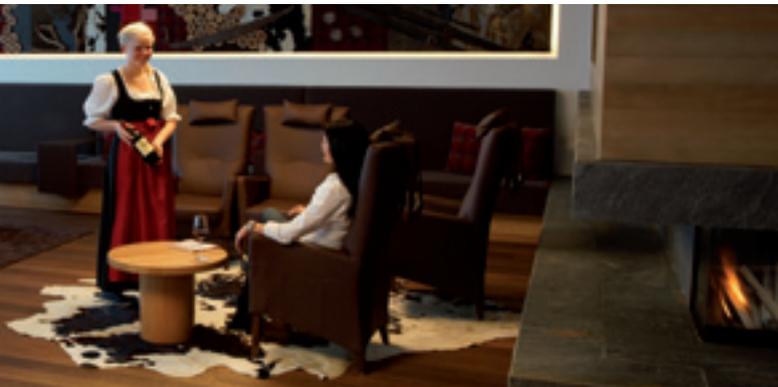
SESSION OBJECTIVES

It is the objective of this session to define the next chapter of development of CESBA. Key questions are:

1. Reflection, what are the weaknesses, what are the strengths of CESBA? What changes are necessary?
2. Who are partners of CESBA, what is their contribution, how to integrate them?
3. What is the position of CESBA in the European, national, or local perspective? How to gain political strength?
4. What is the structure of CESBA for the upcoming years? How will CESBA be financed?

TARGET GROUP

Everyone who want to define and contribute on the further development of the CESBA process on various levels. They support the core values of the CESBA: open-source, mass-oriented, low entry barriers, regional adaptable



Almhotel Hochhäderich

ORGANISATIONAL DETAILS

Contact
 Venue and Accommodation
 Travel Information
 Service
 Excursions
 Registration

REGISTRATION

The registration for the CESBA Sprint Workshop, accommodation and excursions can be done online. In case of questions please contact Ms. Stefanie Wirth, Regionalentwicklung Vorarlberg.
 Registration link: www.cabee.eu/events/cesba-sprint-workshop

CONTACT

Stefanie Wirth, Regionalentwicklung Vorarlberg
 Hof 19, 6861 Alberschwende, Austria
 +43 5579 7171
office@regio-v.at www.regio-v.at

VENUE AND ACCOMODATION

Location of the CESBA Sprint Workshop
 Almhotel Hochhäderich ****
 Hochhäderich 300, 6943 Riefensberg
 +43 5513 8254
office@alm-hotel.at www.alm-hotel.at

SERVICE

The participation at the CESBA Sprint Workshop is for free. Only meals and accommodation have to be paid by the participants themselves.

Double room: Price 270 - 330 Euro (depending on room type) / Normal double rooms and family suites with separate beds, includes 2 nights accommodation, breakfast and dinner, coffee breaks, lunch, soft drinks and spa

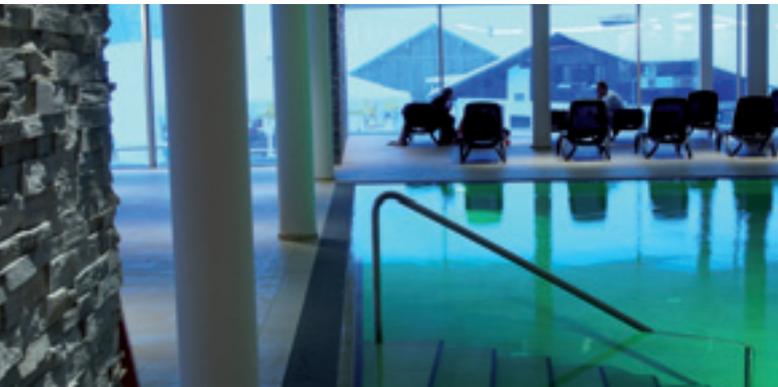
Single room: Price 260 - 300 Euro (per room) / Single room or double room for single use, includes two nights accommodation, breakfast and dinner, coffee breaks, lunch, soft drinks and spa

TRAVEL INFORMATION

The Life Cycle Tower One (LCT ONE, Färbergasse 17b, 6850 Dornbirn) is the meeting place at the first day. After the welcome and building visit a free shuttle service will bring you to the meeting location where the sprint workshop will take place.

The LCT ONE is located 8 minutes walking from the main train station in Dornbirn. If you come by car you have to leave the motorway A14 at the exit "Dornbirn Nord". With 45 km distance the airport in Friedrichshafen is the closest. On fixed times an airport shuttle is departing to Dornbirn.





Almhotel Hochhäderich - Spa area

INVOLVEMENT AND SUPPORT

HOST OF THE CESBA SPRINT-WORKSHOP



CABEE
Capitalizing Alpine Building
Evaluation Experiences



The project CABEE is the host of the first CESBA Sprint Workshop. Results of the workshop will directly influence the development of the common Guideline of nearly zero emission buildings. www.cabee.eu

WIDE RANGE OF EXPERTS

In the sense of capitalization and knowledge exchange supporting projects and organisations will send their experts to the CESBA Sprint Workshop.



SUPPORTING PROJECT



This project is implemented through the CENTRAL EUROPE Programme co-financed by the ERDF.

CEC5 is actively involved in the CESBA process. The main focus of CEC5 is the development of a common method for building certification. As part of a series of expert workshops in CEC5 the project will host Session 4 "Political Implementation" at the CESBA Sprint Workshop. www.projectcec5.eu

