



In cooperation with



AMANAC-CSA and EeB-CA2-CSA would like to invite you to

# Standardization Workshop

and EOTA Training about

## Introduction to European Technical Assessment (ETA)

**When:** November 6th, 2015 (Friday)

**Where:** BIP For Rent, Rue Royale 2-4, 1000 Brussels, Belgium

- I. AMANAC: "Standardization Workshop"  
08.40 - 12.35  
Room Agora
- II. EeB-CA2 Training:  
"Introduction to European Technical Assessment"  
13.30 - 17.15  
Room Atomium

## AGENDA

Time	Presentation	Speaker
8.40 - 9.00	Arrival and coffee	
9.00 - 9.20	How does the EC see standardization contributing to economic impact?	EC Monique Levy
9.20 - 9.45	Certification, testing and CE marking for construction products	TUV Italia Massimo PUGLIESE
9.45 - 10.10	Is thermal resistance correlated with sound insulation	ITB Jacek Nurzyński
10.10 - 10.35	Hygrothermal performance of buildings - methodology and requirements	ITB Barbara L. Pietruszka
10.35 - 10.55	Coffee break	
10.55 - 11.20	Standardization of kits as construction products	DAW SE Thomas Lohmann
11.20 - 11.45	Innovation vs. standardization: challenges and perspectives for the construction sector	ARUP Guglielmo Carra
11.45 - 12.10	Introduction of EOTA	EOTA Peter Schellinck
12.10 - 12.35	Panel discussion	
12.35 - 13.30	Networking Lunch	

Time	Presentation (Trainers: Mr. Peter D. Schellinck and Ms Andrea Oel-Brettschneider)
13.30 - 14.30	What is the ETA and when is it recommended?
14.30 - 15.30	Introduction to CE marking
15.30 - 15.45	Coffee break
15.45 - 16.30	Introduction to assessment of products vs. system
16.30 - 17.15	Interactive exercise

# ABOUT



## About AMANAC

The scope of the AMANAC-CSA is to create an effective and long lasting **collaboration and coordination platform within all the Advanced Materials and Nanotechnology projects (AMANAC)**, approved in the frame of the EeB-PPP, whose activities address development of (nano)materials, components and systems for the improvement of the energy efficiency in the built environment. AMANAC-CSA aims to maximize the **impact of the cluster participating projects towards the European Industry and Society** and hence effectively support the objectives established by European Commission and the EeB-PPP by addressing in a holistic way the relevant **technical/technological, industrial, economic, societal, organizational and regulatory challenges**.

<http://www.amanac.eu>

### Objectives of the workshop

The EC has funded multiple projects which have developed novel building materials of the future for re-rofitting as well as for new constructions in the 21st century. Standardization, Certification, and Green Labeling is an important aspect of commercializing new building materials and key hurdles and challenges are a common theme across all projects in the area of energy-efficient buildings.

A Standardization Workshop is to be held under the AMANAC-CSA to facilitate the discussion between key personnel from the various AMANAC projects and companies and institutes involved in standards and certifications. The perspective of end-users on the challenges with regards to standardization and certification will be presented.

### Main topics to be discussed

Key standardization stakeholders were invited to present their view on the following topics:

- Certification and testing of construction products
- Standards and requirements for buildings in Europe
- Influence of standardization on the innovation process
- Case studies

## About EeB-CA2

The EeB-CA2 initiative is to provide the right 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, with the following primary ambition: to enhance and rationalise 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. The projects will be clustered along the value-chain approach used in the EeB PPP Roadmap.

[www.e2b-clusters.eu](http://www.e2b-clusters.eu)

### Training: Introduction to European Technical Assessment (ETA)



### Objectives of the training

EeB-CA2 offers support measures for technology transfer and better market uptake of results developed in EeB PPP EC-funded projects. In collaboration with the European Organisation for Technical Assessment (EOTA) EeB-CA2 will provide the half day training “Introduction to European Technical Assessment (ETA)” to give EeB-PPP project representatives the opportunity to get first but profound insights into the ETA and the pathway to obtain a CE-mark for construction products. ETA is a document providing information about the performance of a construction product, to be declared in relation to its essential characteristics. It provides manufacturers the way to CE-mark a product. The training is tailored to coordinators and partners of EeB PPP projects, where current strategic considerations for laying the ground for successful further development and market uptake of project results may include a CE-mark in the near future. Typically, such project results are stated with TRL 6-7. The training is as well open for other EeB-PPP project representatives who wish to receive an overview of the ETA. Two EOTA trainers will conduct this intensive and interactive seminar. The number of participants is limited to 15.

### Training content

- Introduction the EOTA
- What is the ETA and when is it recommended?
- Introduction to CE marking
- Introduction to assessment of product vs. system
- Interactive exercises

An advanced training “European Technical Assessment: Towards Technology Certification” will be held in the second semester of 2016.

# SPEAKERS

European Commission

## Dr Monique H  l  ne L  vy



Dr Monique H  l  ne L  vy, a French national, holds a PhD in Sciences (chemistry), and a PhD in Arts (philosophy). She spent most of her professional career in industry, in technical, marketing and management positions of increasing responsibility in the largest worldwide chemical companies: Exxon, Monsanto, DSM, Honeywell, Saint-Gobain. Her responsibilities have led her to develop several new materials and new products in different market segments and in the whole world. She also managed a worldwide association, CIB the International Council for Research and Innovation in Building and Construction, and a European association, PU Europe, which she created and which represents the interests of the polyurethane insulation industry in construction.

In 2009 she joined the European Commission, DG Research and Innovation, in the Unit „Value Added Materials”. Her areas of expertise are: chemicals, polymers, rubbers and rubber chemicals, thermoplastic elastomers, insulation, automotive, construction, energy efficiency and sustainable development.

She also worked extensively in European standardization. She has authored a very large number of publications (scientific, technical, strategy and policy papers) mainly in the area of chemistry, polymers and additives, materials, insulation and energy efficiency.

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ITB

## Phd Jacek Nurzy  ski professor of IT



*Instytut Techniki Budowlanej, Poland (Building Research Institute, ITB)*

Mr. Nurzy  ski graduated Civil Engineering on Technical University of Warsaw. He works in ITB in Acoustic Department from year 1991. Acoustic Department is focused on research concerning building and room acoustics; investigations include the acoustic properties of building materials and products including the sound insulation between rooms in buildings and the principles of acoustic house planning; it is involved in standardization works of Technical Committees CEN/TC126 “Acoustic properties of building elements and of buildings” and ISO/TC43/SC2 “Building acoustic” as well as in COST Action TU 0901 “Integrating and Harmonizing Sound Insulation Aspects in Sustainable Urban Housing Constructions”.

Mr Nurzy  ski is a member of Polish Acoustics Assosiation (PTA), The European Acoustics Association (EAA) and member of working groups in CEN, CIB and EOTA in area of acoustic

T  V Italia

## Massimo Pugliese



*T  V Italia, Italy*

Civil engineer graduated at the University of Bologna and registered at Order of Engineers of Bologna since 1997. TUV Italia employee since January 2002, initially as an inspector of quality management systems (ISO 9001).

Technical Manager (2005) for all the schemes relating to the construction sector within the Business Unit Real Estate - Industry Service, both as Certification Body (including Construction Products Regulation CPR and concrete FPC certification) and as Inspection Body (including technical control during construction and project review for civil and industrial works). Technical Coordinator for sectors related to the construction industry in the scheme of Quality Management Systems (ISO 9001).

Participant in national and international working groups in the construction industry (Certification and Inspection Bodies Associations, Italian Ministries, Accreditation Body, etc.).

Previously collaborator at Adanti spa (now Strabag spa), construction company (over 100 employees) with public and private, national and international jobs, with the role of assistant to Technical Directors and Quality and Safety Managers.

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ITB

## PhD Barbara L. Pietruszka



*Instytut Techniki Budowlanej, Poland (Building Research Institute, ITB)*

Barbara is a researcher (adjunct) working at ITB (Building Research Institute), which is the major Polish research institute under the auspices of the Ministry of Infrastructure. The main objective of research and development works at ITB is to ensure top quality of building products and construction works as well as focus on current construction industry needs.

Barbara is involved in research on new generation of thermal insulation materials (i.e. aerogels); modeling and measurements of thermal transmittance of building components. Since 1990 she holds PhD in catalysis and solid-state chemistry. Currently she is also involved in research project from Seventh Framework Programme: Healthier Life with Eco-innovative Components for Housing Constructions (H-HOUSE).

# SPEAKERS

DAW SE

## Dr.-Ing. Thomas Lohmann

*Deutsche Amphibolin-Werke von Robert Murjahn SE, Germany*

Thomas is the head of the R&D department of the Competence Center Building Envelope Systems of one of Europe's leading companies for innovative coating systems DAW SE. Thomas has a degree in Chemistry from the University of Paderborn and has more than 30 years of experience in the building industry. He had been working in various companies in the building sector, including Remmers Baustofftechnik GmbH, Heidelberger Bauchemie GmbH/Maxit, Friatec AG and Calsitherm GmbH.

His main expertise is in the field of R&D of thermal insulation materials, mortars and emulsion paints, R&D of ETICS and interior insulation, as well as standardisation (convenor of CEN/TC88/WG18 ETICS).



EOTA

## Peter D. Schellinck (Secretary General at EOTA)

*European Organisation for Technical Assessment, Belgium*

Peter is a Belgian strategic and creative executive with a track record of delivering against targets and motivating people to perform. He is a qualified Chemical and Biochemical Engineer with a Post Graduate Economy who has been working and living abroad for the past thirty years, mainly Eastern Europe, North America and Africa. As Independent Director he sits on several Management Boards and joined EOTA in 2013 as Secretary General.

As entrepreneur Peter founded and managed several companies in the construction industry, from construction materials manufacturing to contracting. He has been working together, and established efficient and effective working relations, with EU Member states, International governments and most International institutions.



ARUP

## Dr. Ing. Guglielmo Carra

*Arup Deutschland GmbH, Germany*

Guglielmo is a Civil Engineer and Materials Scientist with a broad international experience in structural design, performance assessment and manufacturing technologies of polymers and composite systems. He is Arup's Technical Leader for Materials Consulting in Europe and Arup's Global composite specialist. His focus is on the development of innovative concepts for construction systems in many fields of application ranging from façade to infrastructure.

He currently manages multidisciplinary projects primarily involving composites, biocomposites, advanced polymers and technical membranes and he is a regular contributor to peer reviewed journals and participates in international conferences. He has been Arup's project manager and the design manager of the BioBuild project, which won the JEC Award 2015 for the best composites innovation in the construction field.



EOTA

## Andrea Oel-Brettschneider

*European Organisation for Technical Assessment, Belgium*

Andrea joined EOTA as Project Manager in March 2013. Her portfolio includes the Internal and External Communication, Technical Management support, Monitoring EU affairs impacting the technical assessment work. Previously, she managed EU projects related to standardisation with NORMAPME (Involving SMEs in standardisation) and CEN (SMEST - SME Standardisation Toolkit).

She started 2007 in the construction sector, supporting the establishment of Market Surveillance of construction products with Deutsches Institut für Bautechnik (DIBt) in Berlin and administering the coordination of the Market Surveillance Authorities of the German Länder. Andrea started EU affairs in 2002 in Brussels. There she established the Liaison Office of Bratislava Region to the EU and initiated the creation of Slovak House in Brussels.

She started her career 1992 as a lawyer in the German food suppliers and production industry as legal counsellor. During her legal traineeship she inter alia worked at the Representation of the European Commission in Bonn, a law firm in Buenos Aires and at the Office of the Regional Councillor in Thorold, Ontario. She lives with her family in Belgium.

