

Final Conference

The road to enhanced and future-proof energy performance certificates

Speakers

Sonja van Renssen, Editor-in-Chief, Energy Monitor



 @SonjavanRenssen

Sonja van Renssen is an experienced freelance climate, energy and environment journalist, and editor-in-chief of Energy Monitor (www.energymonitor.ai), a new site dedicated to data-driven stories about the global energy transition. Based in Brussels, Sonja previously wrote for leading energy and climate titles including S&P Global Platts, Nature Climate Change, Foresight Climate & Energy, Natural Gas World and ENDS Europe. Sonja has an MSc in Science Communication from Imperial College London and a BA in Biological Sciences from the University of Oxford. She speaks fluent English and Dutch, with a good command of German and French.

Iná Maia, PhD Candidate, TU Wien


Iná Maia is working as research associate and PhD candidate at the Energy Economics Group (EEG) TU Wien. She is an environmental engineer and holds a master's degree in Energy Efficient and Sustainable Buildings from Technical University of Munich. She is working on staged and deep renovation modelling, and several other projects with focus on buildings, EPCs, decarbonisation of the building stock. Together with Lukas Kranzl, she the coordinator of the project X-tendo.



@tu_wien 

Peter op 't Veld, Senior Consultant, Huygen



 @Huygenresearch
@cert_u

Peter Op 't Veld (MSc) is senior consultant at Huygen Engineers & Consultants Engineers in Geleen, the Netherlands. His key qualifications are consulting and applied scientific research on whole building renewables concepts, sustainability, circularity, indoor air quality, ventilation and building physics. He is coordinator and proposal writer of several H2020 projects such as PROF-TRAC (on construction skills), TripleA-reno (on supporting home-owners for deep renovation), U-CERT (on next generation of EPC's), NRG2peers (on energy communities). Since September 2014 he has a part time position as visiting professor at Hasselt University, teaching building physics and building services.

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Pau Garcia Audi, Policy Officer, DG ENER, European Commission



 @Energy4Europe

Pau Garcia Audí has worked for the European Commission for twelve years. As policy officer in the field of energy efficiency in buildings, he works on the Energy Performance Buildings Directive (EPBD). The Directorate General for Energy deals with support for the digitisation and modernisation of buildings in the European Union (EU), through, amongst other instruments, the EPBD, ecodesign and energy labelling of products. Pau Garcia underlines the important contribution that buildings can play in lowering energy consumption – and thereby not only reducing greenhouse gas emissions, but also in becoming less dependent on energy imports and ultimately helping the EU become climate-neutral.

Heike Leberle, Advisor on Energy Policy, Greens/EFA Group, European Parliament

Heike Leberle, born 1981 in Germany, is an advisor on energy policy for the Greens/EFA Group in the European Parliament since 2011. She covers files relating to building legislation such as the Energy Performance of Buildings Directive, the Construction Products Regulation or the New European Bauhaus. She also works on electricity market design and energy infrastructure. Heike is an accredited energy performance certifier for public buildings in the Brussels region and an EMAS Auditor. She has a Master in European Economic Studies from Brussels Free University (ULB) and a Master in Business administration from Teesside and Bielefeld University of Applied Sciences.



@Europarl_EN 

Ulrike Nuscheler, Senior Project Adviser, CINEA, European Commission



 @cleanenergy_eu

Ulrike works as a Senior Project Adviser in the European Climate, Infrastructure and Environment Executive Agency (CINEA). She has been involved in energy subjects over the last 20 years in different organisations, starting in the European Parliament and in the German national energy agency (dena), continuing on that path in DG ENER and in different Executive Agencies. Besides Energy Efficiency policies as her central area of expertise, she has been mainly working on Renewable Energy, Digitalisation of Energy and Energy Market Design. Lately, building policies have moved into her professional focus.

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Rui Fragoso, Head of Projects Department, ADENE



 @RP_Fragoso

Rui FRAGOSO graduated in Civil Engineering and obtained a post graduate degree in Planning and Sustainable Construction and as well as in Building Acoustics. In 2010 joined ADENE - Portuguese Energy Agency and between 2012 and 2018 he was the Head of the Buildings Department, responsible for managing the EPC scheme and its implementation. Designed and implemented the one-stop-shop Portal casA+ and provide technical assistance to the implementation of financial instruments. He's currently the Head of the Projects Department and chair of the Buildings Working Group of the EnR – Network of Energy Agencies. He also participates in current and past European and International projects like the CA-EPBD, among others.

Jaap Hogeling, EPB Expert and Initiator, EPB Center

Jaap is the Chairperson of CEN/TC371, Energy Performance of Buildings project group, where he advises this service center for the international set of standards to assess the energy performance of buildings (the EN ISO 52000 family and the set of CEN EPB standards). He is coordinator of various standardization activities on national, European (CEN) and international (ISO) level in the application field of HVAC and other technical systems for buildings, project leader of the development of the set of international (CEN and partly ISO) EPB (EC Mandate M/480, 2011 – 2016) and Member of the Chair Advisory Group on Ecodesign and Climate Change Adaptation groups in CEN as well the CEN/CSN Core Group (horizontal coordination building sector).



@EPB_Center



Adrian Joyce, Secretary General, EuroACE



 @adrian_joyce

Adrian Joyce, an Irish national, has more than fifteen years of experience as a practising architect. In 2003, he joined the Brussels-based Secretariat of the Architects' Council of Europe (ACE), of which he became Director in 2010. Adrian is Secretary General of EuroACE and Campaign Director of the Renovate Europe Campaign since August 2011.

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Sheikh Zuhaib, Project Manager, BPIE



 @BPIE_eu

Zuhaib is an Architect with over 8 years of experience in built-environment design and research projects. He currently works as a Project Manager with BPIE on projects related to renovation and decarbonisation. With a strong background in sustainable design, nZEBs, building energy modelling and IEQ; Zuhaib is a skilled professional in energy performance of buildings and retrofits. He earned his Ph.D. in developing deep-retrofit decision-making support for achieving nZEBs with enhanced comfort at NUI Galway. He is an Accredited professional in green buildings from IGBC and a certified professional in 'Professional Energy Skills in nZEB', and has published several articles in reputed international journals.

Andrei Vladimir Lițiu, Building Performance Adviser, REHVA

Andrei Vladimir Lițiu is a Building Services Engineer (BSc & MSc) with 12 years-experience in design, installation, commissioning, operation and research of technical building systems with a complementing political 'dimension' acquired while working as lobbyist for eu.bac and further developed during technical advocacy activities at REHVA. Furthermore, Andrei is experienced with EU Projects and EC Service Contracts. Currently he is working as Building Performance Adviser at REHVA, Executive Director at EPB Center and conducting in parallel applied research on human behaviour and smart buildings as industrial PhD Candidate at KTH Royal Institute of Technology with assistant supervision from "Politecnico" University Turin and "Politehnica" University Timișoara.



@LitiuAndrei 

Jan Verheyen, Senior Researcher, VITO



 @VITObelgium

Jan Verheyen is a researcher at VITO/EnergyVille in the unit Sustainable Built Environment working on energy performance and indoor environmental quality aspects of the built environment. He is a construction engineer, holding a PhD in energy sciences from VUB. He has two decades of experience in engineering sciences on sustainability related themes both in an academic context and in practice. His most recent scientific activities relate to building energy performance certification.

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Marleen Spiekman, Senior Researcher, TNO



 @TNO_nieuws

Marleen Spiekman is a senior researcher at TNO and one of the authors of both the Dutch energy performance standard and some of the key EPBD CEN/ISO standards. Together with government and industry, she works on energy neutral buildings and neighbourhoods. As a building physicist and behavioural scientist, she strives for buildings that perform better, not only in theory but also in reality, where comfortable living and working go hand in hand with high energy quality. To achieve her ambition, she works in multidisciplinary teams on innovations combining expertise in modelling, monitoring and user behaviour for methodology and product development.

Stefan Thomas, Director, Wuppertal Institute

Stefan is a physicist and political scientist. Since November 2003, he has been Director of the Division „Energy, Transport and Climate Policy“ at the Wuppertal Institute for Climate, Environment and Energy, located in Germany. He has been working with the Institute since 1993. His main fields of scientific work are analysis, development and testing of policy instruments to promote energy efficiency, from the local to the global level; ex-post impact and process evaluation of energy efficiency policies and measures; and new energy efficiency business concepts for energy supply companies. Stefan is the Co-ordinator of the Horizon 2020 project QualDeEPC.



@QualDeEPC 

Stavros Koltsios, Research and Development Assistant, CERTH



 @D2Epc

Koltsios Stavros received the Diploma Degree in Electrical Engineering and Computer Science from the Faculty of Technology of Democritus University of Thrace in 2019. In 2021, he received the MSc in Energy Building Design from the International Hellenic University. His research interests are focused on the areas of energy efficiency and digitalization in the building sector. Stavros has been employed in the Informatics and Technology Institute (I.T.I.) of the Centre for Research and Technology-Hellas (CE.R.T.H.) since February 2021.

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Michał Zbigniew Pomianowski, Associate Professor, AAU



 @E_DYCE_EU

Michał Pomianowski is currently coordinator of two H2020 projects EDYCE (Energy flexible DYnamic building Certification) and PRELUDE (Prescient building Operation utilizing Real Time data for Energy Dynamic Optimization). On the daily basis Michał is responsible for teaching courses related to energy and indoor climate in buildings and for conducting research work in the same area. Michał has participated in EUDP research projects, IEA ECBC Annex 59, 62 and 85, and two other H2020 completed projects on building energy renovations. He is publishing in scientific journals. Michał has earned his PhD from Aalborg University.

Olivier Greslou, Research Strategy Manager, CSTB

Olivier is a confirmed project and research strategy manager in energy efficient buildings and systems as well as research engineer in this field. He is currently working at CSTB, the French Scientific and Technical Center for Buildings, as research strategy manager for the research team "Energy Retrofit and Building Stock Management" and coordinating CSTB's new cross-cutting research program on holistic building renovation. Olivier has also been coordinating large multi-partner European and French research projects on building energy renovation, in both residential and non-residential sectors, like ALDREN and EPC RECAST. Before joining CSTB, he has contributed to preparation of EU and French regulations on energy efficiency of systems and buildings.



@EpcRecast 

Lilia Galai Dol, Project Manager, CSTB



 @cstb_fr

Received the PhD degree in power electronics and EMI area from SATIE laboratory (ENS Cachan, France). Her main research interests are Microgrids development: technical optimization, new ENR&R sources, power electronics for recovery of waste energies, regulation and control systems, development of demonstrators and industrial advising for energy transition solutions. During 6 years, she coordinated the Urban SmartGrids and MicroGrids project in a French Institute of cities' energy transition. She is now project leader on high-performance building design in CSTB's Energy & Environment department. She also participates in the activities of the "Smart Building Alliance".

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Zsolt Toth, Team Lead, BPIE



Zsolt is Team Lead at BPIE. He leads a diverse portfolio of projects including whole life carbon, building logbooks, and sustainable finance. Before joining BPIE, he was Senior Adviser at the EMF-ECBC focusing on green mortgages and he has worked for 10 years as EU Affairs Manager at RICS Europe driving public affairs activity and delivering EU policy in the built environment.

 @H2020iBRoad2EPC

Lukas Kranzl, Senior Scientist, TU Wien

Lukas Kranzl is working as a senior scientist at the Energy Economics Group, leading a research team on Heating & /Cooling in integrated energy systems. He holds a degree in industrial economics and mechanical engineering and a Ph.D in energy economics at TU Wien. He works on future perspective of sustainable energy systems with a focus on buildings, EPCs, heating and cooling, foresight modelling and analysis of policy instruments. Lukas – together with Iná Maia – is the coordinator of the project X-tendo.



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