

BUILDING LIFE QUALITY!

11-13 JUNE 2024

EUROPEAN SUSTAINABLE
ENERGY WEEK

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Net-zero energy solutions
for a competitive Europe



Breathing Life into Efficiency: Indoor Environmental Quality as a Cornerstone in Building Policy

SUSTAINABLE ENERGY DAY 2024



10 June 2024, 14h00-20h00 CEST



Comet Louise in Brussels & livestreamed





Valérie Leprince

Project Director Indoor Environmental Quality, CEREMA

Valérie Leprince is an expert in building ventilation, air tightness and IEQ. Currently, she serves as the Project Director for Indoor Environment Quality and Ventilation at Cerema (a public research and design office in France). In Cerema, she leads national and European working groups to ensure consistency between standards, regulations and latest research findings. Her responsibilities include initiating research projects, such as revising the ISO 9972 standard, and managing submissions for major European projects like Resilair for Horizon 2020. As the convenor of CEN TC 156/WG23, she leads the revision of the EN 16211 standard. For AIVC/Tightvent, she is the coordinator of the Tightvent Airtightness Association Committee working on airtightness and inspection of ventilation systems.



Pawel Wargocki

Professor, Department Environmental & Resource Engineering, Indoor Environment, DTU

Pawel Wargocki is a professor at the Technical University of Denmark. He is an ISIAQ, REHVA, and ASHRAE Fellow. He graduated from the Warsaw University of Technology in Poland. He received his Ph.D. from the Technical University of Denmark in 1998, where he has been teaching and performing research ever since. He has more than 25 years of experience in research on human requirements in indoor environments. He is best known for his seminal work demonstrating that poor indoor environmental quality affects the performance of office work and learning. Other work influenced requirements for ventilation and air cleaning. Recent research includes studies on human emissions, sleep quality, the development of IEQ rating schemes, and the performance of green buildings.



Pau Garcia Audi

Policy Officer, Unit B3, Buildings and Products, DG Energy, European Commission

Mr. Pau Garcia is a technical mechanical engineer, graduate from the Polytechnic University of Catalonia and holder of an MSc in Building Services Engineering from Loughborough University. He has worked as a building services engineer in the private sector both in Spain and in the UK. For the last 14 years he has been working in different positions within the European Commission. First as a project officer in charge of projects supporting innovation and policy on energy efficiency in buildings, and then as a Desk Officer in DG-REGIO managing programmes from the European Regional Funds. Since January 2018 he has been working as a policy officer within DG-ENERGY unit B3 “Energy Efficiency: Buildings and Products”, mostly dealing with the Energy Performance of Buildings Directive (EPBD). He is currently Team Leader for national renovation policies, funding and international cooperation on buildings policy.



Loic Delorme

EU Government Affairs Manager, Schneider Electric, eu.bac

Loic Delorme works as Government Affairs Manager at Schneider Electric, focusing on energy and climate policy. He is vice-chair of eubac’s Advocacy Working Group, helping shape positions on the revisions of the Energy Performance of Buildings Directive and the Electricity Market Design. He is an alumni of Trinity College Dublin and the London School of Economics and previously worked in the European Parliament Secrétariat and Schneider Electric’s legal department in Singapore. He is French and Irish.



Jelle Laverge

Professor, University of Gent, EVIA

Jelle Laverge (1984) is an associate professor the building physics research group of the department of architecture and urban planning at Ghent University with a research focus on residential ventilation. They are the operating agent of IEB-EBC Annex 86, a part-time attorney-at-law at Uniquim Advocaten and a member of ISIAQ, SRS and ASHRAE. They hold an M.Sc. in architectural engineering (2007), an ML in fiscal law (2011) and a PhD in engineering (2013) from Ghent University. They were the scientific co-chair of BS2021, the president of IA2016, a part-time employee of Bureau Bouwtechniek in Antwerp, a part-time building physics lecturer at KaHo Sint-Lieven Gent and a visiting scholar at the University of Texas at Austin.



Elena Scaroni

Secretary General, Lighting Europe

Elena Scaroni is LightingEurope's Secretary General, appointed in June 2023. Prior to this role, she served as policy director since joining LightingEurope in September 2016. Scaroni has been at the forefront of advocating the interests of the European lighting industry in the recent ecodesign and energy labelling regulations for light sources. Prior to joining LightingEurope, she spent eight years in European affairs at Enel, a multinational energy company. Her responsibilities included managing relations with the European Parliament on all relevant issues such as climate, energy and corporate social responsibility. She studied in Rome and Paris and holds a Master's degree in Law, specialising in European Affairs.

**Adam Taylor**

IAQ Chairperson, GCP Europe

Adam's work is well recognised in the indoor air quality sector, resulting in him holding positions such as the chair of the Building and Engineering Services Association (BESA) IAQ Group and serving as the UK representative for the Air Infiltration and Ventilation Centre (AIVC). His commitment extends beyond these roles as he actively participates in publicly-funded innovation programs aimed at advancing the deployment of groundbreaking solutions for mitigating air pollution exposure including the Breathable Cities Programme funded by Impact on Urban Health. Adam has played a significant role in shaping international healthy building standards, contributing to the development of standards like Fitwel and AirRated, and previously serving as a member of the WELL Faculty.

**Atze Boerstra**

Professor of Building Services Innovation, TU Delft

Atze Boerstra is parttime professor of Building Services Innovation at the Faculty of Architecture and the Built Environment at TU Delft. He is involved in both research and education related to thermal comfort, IEQ and HVAC technology. He is also managing director of bba binnemilieu, a Dutch consultancy firm specialized in indoor climate and healthy building. He is REHVA fellow, past-vice-president of REHVA and former member of the TVVL board. He was president of the CLIMA 2022 conference that was held in Rotterdam and nowadays is involved in national and international standardization work.



Tyler Smith

Vice President, Healthy Buildings, HVAC, and Controls, Johnson Controls, eu.bac

Tyler Smith has spent 19 years with Johnson Controls in roles focused on leveraging building management systems and HVAC equipment to drive important outcomes such as improvements energy efficiency, health, wellness, and productivity. From 2018 to 2020 Tyler led Johnson Controls' Critical Environments business unit, which designs and manufactures systems for critical spaces such as hospitals and laboratories. Beginning late 2020, Tyler founded and scaled Johnson Controls' global Healthy Buildings portfolio, which is focused on helping building owners leverage productivity and financial outcomes associated with operating healthier buildings through improved indoor air quality. In January 2024 Tyler took on an expanded role with additional responsibility for management of the global HVAC and Controls portfolios.



Pierre Cruveillé

Chairperson, EVIA

Pierre Cruveillé was appointed as Public Affairs Director of the Aldes Group, a ventilation system and heat pump manufacturer, in October 2016. He oversees relations with political, administrative and institutional bodies at the European and French levels. His core mission is to support the development of adequate legislative and regulatory frameworks allowing to take on the challenge of making the buildings of tomorrow more energy efficient as well as healthier through the improvement of their indoor air quality. In this regard, he actively took part in the revision of the Energy Performance of Buildings, Renewable Energy and Energy Efficiency directives and is also involved in the drafting of new French Building regulations. Pierre holds degrees in Business and European Management and has twenty-five years of experience in governmental relations dealing with energy and environmental issues. He has been elected President of the European Ventilation Industry Association's Steering Committee in 2024 and is Deputy Chair of the Ventilation Strategic Committee Bureau of Uniclimate, the French Union of Thermal, Aeraulic and Refrigeration Industries.



Thomas Schielke

Architect & Lighting Design Trainer, ERCO, Lighting Europe

Thomas Schielke has worked as a lighting design trainer at the lighting manufacturer ERCO for more than 20 years.

Additionally, he has taught lighting design at different universities and was invited for lectures at institutions like Harvard GSD, MIT, Columbia GSAPP, and ETHZ. Dr. Thomas Schielke studied architecture at the University of Technology in Darmstadt, Germany.

His doctoral thesis at the University of Technology in Darmstadt, Germany, has analysed architectural lighting. His research interests focus on qualitative lighting design. His column “Light Matters” on the architecture blog ArchDaily reveals various perspectives of architectural lighting. He is co-author of the books “Light Perspectives - between culture and technology” and “SuperLux - Smart Light Art, Design & Architecture for Cities”.

Thank you for joining us!