



4th European ETICS Forum

5th October 2017, Warsaw

POLIN

MUZEUM HISTORII
ŻYDÓW POLSKICH



Ruud Van Eersel

President European Association for ETICS



Foreword

Europe is currently experiencing eventful and moving times, which necessitate quick and decisive action. Despite these current needs, we must not lose sight of the EU's long-term objectives, if we are to be able to tackle the challenges of the future and fulfil our responsibility to future generations. Many of these challenges are linked to the issues of energy supply and climate protection - and thus also to the question of how our children will live in the world of tomorrow.

Today, around 40 per cent of all energy used in Europe is consumed by buildings. This well-known fact becomes especially critical, when one considers that a major portion of this energy has to be imported – frequently from politically unstable regions. Yet a substan-

tial reduction in buildings' energy consumption is not going to result merely from stricter directives for new buildings. A broader focus is needed, that exploits the huge potential of old buildings. A concerted renovation drive can provide a major contribution to boosting the economy and will simultaneously enhance both climate protection and environmental conservation. It is necessary to improve the energy efficiency of Europe's huge building stock. External Thermal Insulation Composite Systems (ETICS) may contribute significantly to achieve this goal. However, we still have to communicate the manifold benefits ETICS offer, as well as the variety of possible solutions being available on the market. This will help to accelerate the renovation rate.

The European ETICS Forum offers – now for the fourth time - a unique platform of information about ETICS from different points of view. EAE, the European Association for ETICS, invites politicians, investors, designers & architects, installers, authorities, regulatory boards and manufacturers to join our conference.

*Welcome to Warsaw!
Witamy w Warszawie!*

About our association



Since it was founded in 2008, the European Association for External Thermal Insulation Composite Systems (EAE) has been working towards a “culture of sustainability” in the construction sector. Members of the EAE are twelve national ETICS associations, six of the largest European component suppliers associations and nine supporting companies and institutions. Together they represent around 85% of the European ETICS market and share across national borders their unique competence in the field of façade insulation. Their common aim is to improve the energy efficiency of the European building stock. This comes about through continuing technical developments in materials, construction materials and technologies, and through ongoing dialogue with politicians.

However, measured against the technical and economic requirements, up to now all European states have lagged a long way behind their savings potentials, and in the building sector some countries consume far more than 50% too much energy. The largest portion of this is wasted on either heating or cooling of poorly insulated buildings. This is one reason why Europe is becoming increasingly dependent on energy imports. This is crucial for several reasons. On the

one hand, EU States buy large quantities of oil and gas from other countries, including politically unstable regions, which one day may affect the security of supply and therefore the standard of living in the EU. On the other hand, the increasing volatility on energy markets results in ever greater economic restraints and rising prices, which increasingly inhibit growth in Europe. This in turn threatens international competitiveness and prosperity.

In addition, this gigantic waste of energy gives rise to issues of action on climate change. The European Union has already taken important political decisions in the form of its targets for climate action and energy efficiency. Yet unless there is a massive rethink and binding requirements for each Member State, particularly in the construction sector, the targets will not be met. For this reason the EAE and its members are in continuous dialogue with the decision-makers in their governments and in Brussels. This is because business and politics will have to work together on the ambitious energy and environmental targets if the dream of sustainable construction and life in Europe is to become reality.

10 recommendations for creating an energy-efficient Europe

- **Set new priorities**

Political measures focus almost exclusively on new buildings. This should change towards renovation in order to develop the huge energy efficiency potential of the building stock.

- **Establish Europe-wide standards**

Energy-efficient construction suffers from a lack of European harmonization. Member states have to intensify their efforts to establish uniform standards.

- **Create investment security**

The sector needs long-term, stable framework conditions in order to make economically sustainable investment decisions. Funding programs should also be open to technological advancements and should not aim at benefitting individual measures.

- **Allow for new renting models**

Landlords do not want to invest in measures to the sole benefit of the tenants. Flat-rate rental contracts including heating costs could create an incentive for renovation.

- **Promote renewable energies appropriately**

"Green energy" is still expensive. Therefore, political commitment is required to promote energy efficiency by insulation – in order not to waste eco-energy.

- **Modernise social housing**

State or municipal investments in the energy efficiency of social housing create a perfect win-win situation: occupants would no longer face the risk of "energy poverty" and in turn, less public money would be required to subsidize the heating of dwellings.

- **Improve renovation quality**

Investments in the education and training of planners, energy consultants and skilled craftsmen, and the definition of minimum standards will ensure quality and consumer confidence.

- **Create modern funding instruments**

Modern funding instruments must therefore make use of subsidies or tax reliefs for energy-conscious building owners. Each Euro invested in funding would trigger a multiple of investments and tax incomes.

- **Promote communication**

People need to become aware of the multifold benefits energy efficient buildings offer. It is essential to show the links between environmental protection, supply security, resource scarcity and a comfortable and healthy living environment of modern dwellings and offices.

- **Improve the database**

Comparability is the key to Europe's binding energy efficiency targets. It is essential to create standardized framework conditions, to enable monitoring of the implementation of national action plans.

Agenda

5th October 2017

Introduction

9:30

Address of welcome

Ruud Van Eersel, President of the European Association for ETICS (EAE), Belgium

Dr Jacek Michalak, President of Stowarzyszenie na Rzecz Systemow Ocieplen (SSO), Poland

Opening note

Representative of the Polish Ministry for Construction and Infrastructure

Energy efficient buildings are key to shape our future – Is industry ready to tackle the challenges?

Paula Brandmeyer, team leader Energy Efficiency at Deutsche Umwelthilfe (DUH), Germany

ETICS: facts, figures & developments

10:30

News & information about the Polish market for construction & ETICS

Dr Jacek Michalak, President of Stowarzyszenie na Rzecz Systemow Ocieplen (SSO), Poland

10:50

The European ETICS market – Do ETICS sufficiently contribute to meet political objectives?

Ralf Pasker, EAE Managing Director, Germany

11:10

Innovation in the ETICS market – How technical progress supports achieving major goals

Prof Andreas Holm, Forschungsinstitut für Wärmeschutz (FIW Munich), Germany

11:30

ETICS beyond European borders - China's and Japan's contribution to the Paris agreement

Zhang Jianhong, China Association of Building Energy Efficiency (CABEE), China

Prof Tatsuaki Tanaka, Japanese Association for Housing Thermal Insulation Technology Coop. (NDJK), Japan

ETICS life-cycle & circular economy

12:00

Service life of ETICS – Encouraging experiences or justified doubts?

Gino Gailliaert, Chairman EAE Marketing Committee, Belgium

12:20

Closing the loop – ETICS on track towards circular economy?

Dr Clemens Hecht, EAE board member Technical Affairs, Austria

12:35

Holistic view on sustainable construction - From product data to building certification

Robert Spang, Senior Sales Manager and Consultant at Thinkstep AG, Germany

12:50

Goeppert-Mayer office building in Katowice - certified with highest BREEAM certification

Mirosław Czarnik, President of the board of GPP Business Park, Poland

13:10

Lunch break

ETICS & European regulation

- 14:15** *Revision of the Construction Products Regulation - Contradiction between Internal Market and national requirements?*
Georgios Katsarakis, European Commission, DG for Internal Market, Industry, Entrepreneurship and SMEs, Unit C.1 – Clean Technologies and Products, Greece
- 14:35** *ETICS & fire safety – Long way to European harmonization considering national requirements*
Lars Boström, Senior Research Scientist at Research Institutes of Sweden (RISE), Sweden
- 14:55** *Release of dangerous substances – In search for the right methodology*
Antonio Caballero González, Director General at European Mortar Association (EMO), Spain/Germany
- 15:15** *Revision of the Energy Performance of Buildings Directive (EPBD) – From the contractor's point of view*
Sue Arundale, Technical and Environmental Affairs at European Construction Industry Federation (FIEC) and President elect at European Council for Construction Research, Development and Innovation (ECCREDI), United Kingdom/Belgium

ETICS & customer satisfaction

- 15:35** *Quality of systems meets quality of application - Agrément Approval Scheme for Installers*
Seán Balfe, National Standards Authority of Ireland (NSAI), Ireland (requested)
- 15:50** *ETICS are amazing! - Convincing examples from across Europe*
Alessandro Siragusa, EAE board member marketing affairs, Italy

Closure of the conference

- 16:10** *Summary and conclusions*
Prof Zuzana Sternová, EAE Vice President, Slovak Republic

Come together

- Snacks, beverages & opportunity for discussion with speakers and participants*
- 17:00** *Guided tours through the Polin Museum (optional)*
Exclusive tours will be available in English and Polish for participants of the Forum without extra fee.
Duration: approximately 60 minutes.

All speeches will simultaneously be translated to German and Polish language. Translation and headsets are included in the admission charge.

Speakers



Ruud Van Eersel

Since September 2014 Ruud Van Eersel has been President of the European Association for ETICS (EAE). In 2008 he was cofounder of the Belgian Association IVP, working group ETICS. After finishing education in Business-Languages and Marketing in 1985 he has now over 25 years' experience in marketing and sales in the paint and cladding business. Since 2002 Ruud Van Eersel has been working for DAW Belgium. His current position is marketing & sales manager ETICS.



Dr Jacek Michalak

Dr Jacek Michalak graduated from the Technical University of Lodz in 1985, in chemistry. He received his Ph.D. from the same university and completed a post-doctorate at Ohio State University, Columbus, OH, USA. He also spent research time at the Institute of Physical Chemistry of the University of Fribourg in Switzerland. In 1995, he joined the research department of Atlas, and in 1996 he was appointed head of R&D. Since 2007 he has been Vice President of Atlas with responsibility for R&D, purchasing, administration and csr. Since 2013 he has been President of the Polish Association for ETICS (SSO).



Paula Brandmeyer

Since 2014, Paula Brandmeyer is working in the energy and climate protection department of Deutsche Umwelthilfe (DUH/Environmental Action Germany), a non-governmental organization to protect the environment and consumers. In 2015 she took over the lead of the energy-efficiency team. Her main focuses of work are energy efficiency and renewables in the buildings sector, heat transition on national and European-level, sector coupling in the heating sector and cost-effectiveness of energetic renovation. She further deals with issues of energy efficiency in the context of international development banks. Paula holds a Master Degree in Economic Sciences with a prioritization on energy industry (University of Leipzig). DUH is convinced that only energy supplies based on efficiency and regenerative energies, sustainable mobility, the respectful handling of our resources and the avoidance of waste will secure life on our planet.



Ralf Pasker

Ralf Pasker is Managing Director of the European Association for External Thermal Insulation Composite Systems (EAE). The EAE is formed by 12 national ETICS associations, six major European suppliers' associations and several supporting members, which include ETICS manufacturers and institutes. The main objectives of the association are to further promote the benefits of using ETICS and to support the safe and durable use of ETIC systems.

Ralf Pasker started working for the EAE in August 2011 and became its Managing Director in 2013. At the same time he was Technical Manager of the German ETICS association Fachverband Wärmedämm-Verbundsysteme. Prior to this he had already been working, with one short break, in the ETICS business for more than 13 years, with his last role being responsible for the whole international business of a leading ETICS supplier. From July 2015 on he had been the Managing Director of the German ETICS association in parallel. In May 2017 the general assemblies of both the German ETICS association (Fachverband WDVS) and the German mortar association (IWM) decided to merge to a new Association for Insulation Systems, Plasters and Mortars (Verband für Dämmsysteme, Putz und Mörtel - VDPM). Ralf Pasker is now Managing Director for Insulation Systems and European Affairs.



Prof Andreas H. Holm

The professor of building physics studied physics at the Technical University of Munich as well as at universities in São Paulo and Porto.

He began his professional career in 1996 as a research associate at the Fraunhofer Institute for Building Physics in Holzkirchen. From 2001 to 2004 he was group leader in the department of hygrothermics, responsible for the development of WUFI. From 2004 to 2011 he was head of the "Indoor Environment" department within Fraunhofer-IBP.

In 2009, Andreas Holm received the professorship "Building Physics and Energy Efficient Building" at the Munich University of Applied Sciences. Since 2012, he has been the Institute Director of the Forschungsinstitut für Wärmeschutz e. V. Munich (FIW Munich).

In the same year, he was appointed chairman of the two DIN committees "Thermal Insulation Materials" and "Structural Heat Protection in Building Construction", which is chaired by DIN Department KOA 06 "Energy Saving and Thermal Protection". He is also chairman of the International Standards Committee CEN / TC 088 "Thermal approach materials and products" as well as ISO / TC 163 / SC 01 "Test and measurement methods".

Speakers



Gino Gailliaert

Gino Gailliaert is Chairman of the Marketing Committee of the European Association for External Thermal Insulation Composite Systems (EAE) and Chairman of the Belgian ETICS association IVP.

Gino Gailliaert holds a master as Industrial Engineer and a post graduate in applied sciences. From 1991 to 1995 he worked as sales engineer at Air Liquide. From 1995 to 2001 he developed the Belgian market for Aralco NV in ventilation products before entering Sigma Coatings Deco Belux NV (actually PPG NV). He started in 2005 as Sales & Marketing Director at Sto NV and holds the position of Managing Director since 2006. In 2014 Gino Gailliaert was also appointed Region Head Western Europe for Sto SE & Co KGaA.



Dr Clemens Hecht

Dr Clemens Hecht is EAE board member for Technical Affairs. Since 2012 he is spokesman of the Austrian ETICS association. In this role he is responsible for technical guidelines (e.g. the Austrian application guideline VAR), Austrian representation in the CEN working group ETICS; training and certification of craftsman (ZFV), PR and co-operation with national and international associations. Main topics are the quality of systems and the execution on site. Furthermore the Austrian ETICS association awards the ETHOUSE award every two years for outstanding thermal renovation, considering both architectural and technical aspects.



Robert Spang

As a qualified carpenter and holder of an engineering degree (Dipl. Ing. [FH]) in the area of timber construction and extensions, Robert Spang has already long devoted himself to the topic of sustainability. In his role as project managing engineer at the Institut Bauen und Umwelt, he was entrusted with, among other things, the creation of Product Category Rules (PCRs) and the implementation of a web-based database system for the creation of EPDs. Since 2013, Robert Spang has worked as a solutions sales manager at Thinkstep AG, which primarily operates in the field of client-specific advisory services relating to sustainability and the development of corresponding software solutions. His tasks include, among others, the creation of sustainability concepts, integral planning and the calculation and evaluation of life-cycle assessments and costs at the level of individual buildings. He also assumes project management responsibility for the ÖKOBAU.DAT project. As the author of numerous specialist publications and advisor on sustainability issues in the construction sector, Robert Spang is a recognised expert.



Miroslaw Czarnik

He graduated from the Master of Business Administration at the University of Economics in Cracow and Teesside University in the UK. He has more than 25 years of experience in developing sales strategies, budgeting and project management. Miroslaw Czarnik is the initiator of the First Polish Cluster of Passive and Energy-Saving Buildings that promotes the idea of sustainable construction.

GPP Business Park in Katowice was the first commercial application in the country to use the TRIGENERATION system (production of electricity, heat and cold from gas). GPP Business Park office buildings meet stringent standards that will be in force in the European Union from 2021 onwards .

Georgios Katsarakis

Georgios Katsarakis is a civil engineer and he has been working for the European Commission since 1996, nowadays in DG Internal Market, Industry, Entrepreneurship and SMEs (DG GROWTH). Within Directorate C/1 Clean Technologies and Products he is, among others, deeply involved in creating a Single Market for construction products in Europe. In this regard he closely follows the implementation of the Construction Products Regulation (CPR) and is responsible for the coordination of cooperation with CEN and EOTA. In his role Georgios Katsarakis supports the Standing Committee on Construction and is an expert regarding European harmonised standards and European Technical Assessments for construction products.



Lars Boström

Lars Boström is currently managing the department of Mechanics Research at Research Institutes of Sweden (RISE) (formerly known as SP Technical Research Institute of Sweden). He started at SP in 1991, and has been managing the department of Fire Resistance for more than 15 years. He has a long experience in standardization, nationally as well as internationally (CEN and ISO).

Speakers



Antonio Caballero González

Antonio Caballero González is Secretary General of the European Calcium Silicate Producers Association (ECSPA) and the European Mortar Industry Organisation (EMO). He started his professional career as scientific assistant in the masonry field at RWTH Aachen University. Afterwards he worked for associations of construction product manufacturers, starting as head of standardisation at Bundesverband Kalksandsteinindustrie e.V. (BV KSI), the German association of producers of calcium silicate masonry products. In 2007 he moved from BV KSI to become Secretary General of its European umbrella association ECSPA, a role he also performs for EMO since 2014.



Sue Arundale

Susan (Sue) Arundale was born in the United Kingdom and holds dual British and Belgian nationality. She has lived and worked in Belgium for 12 years and has worked in EU affairs for more than 20 years. Her education includes a Master's Degree in Leading Innovation and Change, from York St. John University and a postgraduate certificate in EU Law, validated by Nottingham Trent University. Experienced in both the public and private sectors, with a wide and varied career, she is currently responsible for Technical and Environmental Affairs at the European Construction Industry Federation. This work covers three main areas: regulation and standardisation (main focus on the Construction Products Regulation), construction research, development and innovation (current main focus Industry 4.0 and BIM), environmental affairs in construction (energy efficiency in buildings, circular economy, climate change etc.)

Sue was recently appointed as President Elect of the European Council for Construction Research, Development and Innovation (ECCREDI). She will start her term of office in November 2017.



Alessandro Siragusa

Alessandro Siragusa is Technical and Customer Director of Cromology, a multinational corporation in the decorative paint sector. He has started his career in this company in 1993. As a member of Cromology Italy Executive Committee he is among other things responsible for the Training & Technical Product Services Department, the Quality Product and the Customer Service Department. Since 2016 he is EAE board member for marketing affairs.



Prof. Zuzana Sternová, Ph.D.

Prof. Zuzana Sternová is EAE's Vice President, Director of Building Testing and Research Institute (TSÚS), NPO and chairwoman of the Slovak Association for ETICS Združenie pre zatepľovanie budov (OZ ZPZ). Her main focus is on research, design, consulting and diagnostics in the area of energy performance of buildings, renovation of existing buildings and improvements of thermal protection. She supported the implementation of the EPBD. Prof. Sternová is an author of some national technical standards (thermal protection of buildings, performance of ETICS). She is Chairwoman of national TC 58, mirror to CEN/TC 89.

The publication activities of Prof. Sternová are related to building energy performance of buildings, indoor climate, thermal protection, ETICS and renewal of existing buildings. She started in 1978 as lecturer on technical universities. From 2007 she has been lecturer in official trainings of experts for energy certification of buildings (EPBD). She participates in different research projects at national and international level (EU projects, Moldova and Kyrgyzstan, etc.).

EAE members

Ordinary members



- *ARGE Qualitätsgruppe Wärmedämmsysteme, Austria*



- *IVP, Werkgroep ETICS, Belgium*



- *Cech pro zateplování budov, Czech Republic*



- *Groupement du Mur Manteau, France*



- *Verband für Dämmsysteme, Putz und Mörtel e.V., Germany*



- *Consorzio per la cultura del sistema a capotto, Italy*



- *Branchevereniging Producenten Gepleisterd Bouwen, Netherlands*



- *Stowarzyszenie na Rzecz Systemów Ociepleń, Poland*



- *Grupol Pentru Calitatea Sistemelor Termoizolante "ETICS", Romania*



- *Združenie pre zateplovanie budov, Slovakia*



- *Insulated Render and Cladding Association, United Kingdom*



- *IZODER ISI SU SES ve YANGIN, Turkey*

Extraordinary members

Sector associations



- *European Manufacturers of Expanded Polystyrene*



- *European Phenolic Foam Association*



- *European Insulation Manufacturers Association*



- *EUROprofiles*



- *The European voice of the polyurethane insulation industry*



- *TECH-FAB Europe - Technical Fabrics Association*

Supporting company members



- *ASCHEM Petrochemical Industrial Co. Inc., Turkey*



- *Betek Boya ve Kimya Sanayi A.Ş., Turkey*



- *DAW SE, Germany*



- *EJOT Baubefestigungen GmbH, Germany*



- *IVAS Industria Vernici s.p.A,*



- *ICL Europe, Spain*



- *Sto SE & Co. KG aA, Germany*

Supporting institutes



- *Forschungsinstitut für Wärmeschutz e.V. München, Germany*



- *Lucideon Ltd, United Kingdom*

Schedule:

5th October 2017 from **9:30** to **18:00**

Registration starts at 8:30.

Venue:

Museum of the History of Polish Jews

6 Mordechaja Anielewicza St.

00-157 Warsaw

Poland

Information & registration:

www.ea-etics.com

Admission charge: €250.00

Includes participation, snacks, and refreshments.

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