



NEWSLETTER December 2018

In This Issue

1. Association news
2. Policy news from Europe
3. Policy news from China

VIPA International is a
Build Up Partner



Dear VIPA International Member,

We are happy to share with you the December edition of the VIPA International newsletter.

As the end of 2018 is approaching, let me already wish all of you an enjoyable seasonal break and all the best for 2019! I would like to thank each of you for the excellent collaboration over 2018 and hope that 2019 will be as productive for VIPA International as 2018, if not more.

Enjoy the reading!

With best regards,
Gregor Erbenich
President VIPA International

1. ASSOCIATION NEWS

1.1 First conference organised by VIPA International a success!



The first conference ever organised by VIPA International on 27 September 2018 in Vienna (Austria), entitled 'More space and saving energy with Vacuum Insulation Panels', gathered over 50 participants and a panel of speakers from different backgrounds to discuss energy efficiency in buildings and the role of Vacuum Insulation Panels in this context. In case you have not done so yet, check out the press release that was issued after the conference [here](#) in order to learn more about the presentations provided by the speakers! In case you would like to review the conference materials and presentations, note that they are available on our [website](#).

An event satisfaction survey was circulated with the conference attendees. The outcome of that survey, which was completed by 14 attendees out of 50, shows that the majority of participants attended the event with the aim to both gaining industry insight on VIP applications for buildings and for overall networking. All in all, the conference met attendees' expectations and most of them were satisfied with the presentations, the choice of speakers, the premises and networking opportunities. Together with networking, one of the most beneficial aspects of the conference is the fact that

theory was combined with practice. In next editions, attendees would like to have participants from other parts of the world, beyond Europe, attending the conference, and they expect a conference focused on other applications of VIPs, information on the state of the industry and general market data for VIPs, new materials used in VIPs and their technical characteristics, I&D projects, etc.

The board of VIPA International is very pleased with the outcome of this very first exercise and given the success of the conference, the board agreed to organise further conferences in the future, focusing on different applications of Vacuum Insulation Panels. The next conference will take place in spring 2020. Details are still to be discussed. IVIS 2019 will be used as an opportunity to promote our next conference.

1.2 Digital Communications: focus of VIPA International for 2019

The Board of VIPA International decided in September that there is a need to increase the visibility of the association, both towards potential members and towards other stakeholders, policy makers and the general public. As such, it was decided that a key priority for VIPA International are Digital Communications. To this end, the Public Relations & Public Affairs WG will be asked to develop several proposals for communication strategies to be presented to the Board for decision



in their February meeting. The WG will assess how to improve & and to make the most of the current communication tools & platforms, such as the website, press releases, case studies, and annual report and suggest new tools &

platforms to be used in 2019 in order to achieve the proposed goals, as well as clear key performance indicators in order to be able to measure achievements compared to the set objectives.

1.3 Help us promote the VIPA video!



The promotional video of VIPA International was released on 13 September and is available on YouTube at [this](#) link! Help us distribute the video further via your internal channels (websites, newsletters, social media accounts) in order to maximize its use and increase its view count.

This video was used during the opening of the VIPA International conference and was very positively received, both by our members as non-members who participated at the conference. Further videos may be developed in the future as part of the above-mentioned communication strategy.

1.4 Latest Press Releases & Case Studies

Vacuum Insulation Panel technology used in façade insulation of the Grand Tower Frankfurt - 9 November 2018 - <https://vipa-international.org/news/vip-technology-used-in-facade-insulation-of-the-grand-tower-frankfurt-9-november-2018>

Full potential of Vacuum Insulation Panels still unknown by professionals in the building sector - 4 October 2018 - <https://vipa-international.org/news/full-potential-of-vacuum-insulation-panels-still-unknown-by-professionals-in-the-building-sector-4-october-2018>

GSH Press Release: RAL Quality Mark VIP – revised quality regulations - 18 September 2018 - <https://vipa-international.org/news/ral-quality-mark-vip-revised-quality-regulations>

1.5 New academia member



Brunel University London joined as academia member in September 2018. The university would like to keep abreast with the aspirations and the activities of the Vacuum Insulation Panel industry, align their research with the industry and inform the stakeholders about latest research outcomes. Collaboration with industry on research and development projects is also something they envisage.

1.6 Standardisation of VIPs worldwide

EN-17140

The CEN Technical Committee 88 (thermal insulating materials and products) Working Group 11 (vacuum insulation products - VIP) drafted the factory made vacuum insulated panels (VIP) for buildings specification (EN-17140). The standard was voted earlier this year but AFNOR, the French standardisation body, made an appeal. After some back and forth and some adaptations to the text, AFNOR decided to drop the appeal in October.

The revised text is now being reviewed by the Harmonised Standards (HAS) consultants. The HAS consultants role is to assess whether the standards drafted by CEN comply with the European Commission requests and the initial standardisation mandate. Depending on the results of this assessment, either EN-17140 will be directly submitted to a second vote or it will have to be reviewed again by the CEN TC 88 WG 11.

The CEN TC 88 WG 11 will soon start with the preparations for a new standard for the composites: Vacuum insulated Sandwich Elements VISE, i.e. VIPs with protective layers or encapsulated VIPs.

ISO/DIS 16478.2: new enquiry soon

The ISO/TC 163/SC 03 WG 11, led by Professor Phalguni, put forward two enquiries from January to April and from July to September. Both texts failed to get enough positive votes to be approved. The group had a meeting in Oslo in September to review feedback received and to discuss the new draft text. The new text will be put up for a third enquiry shortly.

VIPA International has a liaison status to the CEN TC 88 WG 11. VIPA is represented at the meetings by Turvac. About the ISO/TC 163/SC 03 WG 11, VIPA also applied for a liaison D category but the application is still under review. When approved, Hans-Frieder Eberhardt (Porextherm) and Yoash Carmi (Avery Dennison Hanita) will represent VIPA International at the meetings.

RAL VIP label – new assessment rules (RAL-GZ 960) available

The VIPA members, which are part of the GSH VIP group, worked on the review of the quality assessment rules of the VIP RAL quality label (document RAL-GZ 960). The objective was to go beyond the existing rules, integrate the standard EN 17140, and extend the label to cover all core materials (fumed silica, glass fiber, powders, foams) and different VIP applications. The newly GZ-960 document extends the label to water tanks, refrigerators, appliances and temperature-controlled boxes.

Download document [here](#)

1.7 Creek Qingdao Kerui study to be available soon

Creek Qingdao Kerui's study on the integration of VIPs in ultra-low energy consumption concrete pre-fabricated buildings started in January 2018. A preliminary report was discussed during the meetings in September in Vienna. Creek was asked to provide additional data and make some modifications. The final report is expected still this year.

1.8 VIPA & external events

VIPA International monitors on a rolling basis external events of relevance to VIPA International with the aim to secure speaking slots for members and media partnerships in order to increase the visibility of the association and create awareness about the Vacuum Insulation Panel technology. See below an update:

IFA Berlin (3 Sept 2018):

VIPA International secured a speaking slot for our President, Gregor Erbenich, at the **IFA Berlin**, leading trade show for consumer electronics and home appliances. His presentation focused on the use of Vacuum Insulation Panels in refrigerators. A media partnership with the organisers of the event was also secured (promotion of VIPA International via their internal newsletter & social media).

[Include logo](#)

Global

Conference (26 Sept 2018)

VIPA International secured a media partnership with the **Global Insulation Conference** taking place in Vienna, consisting of the exchange of logos / banners in order to increase visibility both of our association and their event, and a reduced fee for our members to attend the event. Some attendees of the Global Insulation conference also attended the VIPA conference as a result.

[Include logo](#)

Insulation

Temperature

Logistics (30 Jan 2019)

VIPA International secured a media partnership with the organisers of Temperature Controlled Logistics consisting of the exchange of banners, addition of our logo and description about VIPA International on their event website, distribution of flyers if needed and special discount for VIPA audience to attend the event – 10% off standard price.

[Include logo](#)

1.9 New offices in Brussels, Belgium

We would like to remind you that Kellen, the association management company managing VIPA International, moved offices on 1 July to 188a Avenue de Tervueren (4th floor, postbox 4), 1150 Brussels, Belgium. Please take note of our new postal address in Belgium. Phone number and email address remain the same.

1.11 Vacuum Insulation Symposium (IVIS) 2019

The 14th International Vacuum Insulation Symposium (IVIS) will take place in Kyoto, Japan, on 19-20 September 2019. You can access the website of IVIS 2019 [here](#). The event will be organized by Kyoto University and Kindai University.

Next year's conference will focus on the following topics:

- Characterization (microstructure, thermal characteristics, internal pressure, air permeability, gas diffusion, ad/desorption ...)
- Heat, air & moisture transfer, from material to building scale
- Ageing (film, core material, panel)
- Envelope - Films
- Advanced porous materials - Core materials (fiber mats, cellular foams, aerogel, porous silica...)
- Life cycle assessment
- Applications: building, refrigeration, transportation
- Assessment of performances & standardization
- Hot and humid climate
- Arctic climate

Note that the deadline for the abstract submission is 31 December 2018 (see [link](#)).

VIPA International will organise its 2019 General Assembly during IVIS in Japan. We will inform members about the exact date and location early 2019.

2. POLICY NEWS FROM EUROPE

Energy Performance of Buildings Directive (EPBD)

The revised EPBD ([Directive 2018/844](#)), targeting the energy consumption of buildings, entered into force on 9 July 2018. The measures included in the Directive will accelerate the rate of building renovation towards more energy efficient systems and will help strengthen the energy performance of new buildings. The revised EPBD strengthens long term building renovation strategies and requires Member States to establish comprehensive strategies aiming at a decarbonized building stock by 2050 (article 2a – this provision was previously under the Energy Efficiency Directive - EED). Member States will have to transpose the new elements of the Directive into national law within 20 months. For information on Member States renovation plans, visit this [website](#) of the European Commission.

Energy Efficiency Directive (EED)

On 19 June 2018, an agreement was reached in a trilogue (informal meeting) by negotiators (Commission, Parliament, Council) on a non-binding energy efficiency target for EU for 2030 of 32.5%, with an upwards revision clause by 2023. The text agreed in the informal trilogue then needed to undergo the formal steps of the legislative procedure, meaning formal approval from European Parliament and Council. The European Parliament endorsed the file in their plenary meetings on 12-15 November and the Council adopted the text on 4 December 2018.

Commission framework for assessing environmental performance of buildings (Level(s))

Level(s) is a voluntary reporting framework to improve the sustainability of buildings that provides a common EU approach to the assessment of environmental performance in the buildings environment. VIPA International's Technical Working Group discussed in the Vienna meetings whether VIPA

International should to participate in testing the framework Level(s), which is possible until mid-2019. It was decided that our association should not actively contribute in testing the framework and that it should monitor the outcome of the testing period for information purposes. Further information on Level(s) can be found [here](#).

3. POLICY NEWS FROM CHINA

xx

VIPA International Secretariat

For any queries please contact the office in Brussels:

Raquel Ponte Costa

Gabriella Kemendi

Bénédicte Lambert