DECEMBER 2022

Dear member,

TENSINEWS 44 - CALL FOR CONTRIBUTIONS _ Deadline 27th January

We invite our members to submit for the next TensiNews issue an article, project description, upcoming event, new development, research report or book review*. Send your contribution to evi.corne@vub.be. Please follow these simple rules:

·   The text should be written in English, submitted in Word-format

·   Images are to be sent separately, with a resolution of 300dpi in .jpg-format (For easy reference during the layout process, it can be useful to include a copy of the pictures in the text file as well).

·   For research articles the maximum word amount is set to 5000 words (equivalent of four pages in TensiNews layout).

·   Project descriptions need to be accompanied by full contact details of the author, and other information such as architect, contractor, approx. span, height, membrane material, etc. This facilitates the inclusion of the project in the online database. (See below)

Name of the project: Location address: Client (investor): Function of building: Type of application of the membrane: Year of construction: Architects: Multi-disciplinary engineering: Structural engineers: Consulting engineer for the membrane: Engineering of the controlling mechanism: Main contractor: Contractor for the membrane (Tensile membrane contractor): Supplier of the membrane material: Manufacture and installation: Material: Covered surface (roofed area):

* TensiNet and TensiNews provide to partners and members a platform to present projects, new developments and scientific results. The articles within TensiNews should have a scientific, technical or journalistic value, i.e. it should be informative, and not mainly marketing information.

TENSINANTES 2023 _ 7th till 9th June 2023!

The TensiNet Symposium 2023 **"Membrane architecture: the seventh established building material. Designing reliable and sustainable structures for the urban environment"** will be held at Nantes Université (France) from 7th till 9th June 2023. Mark this event already in your agenda!

Complementary duos of keynote speakers: The diversity and complementarity within the TensiNet community: suppliers, manufacturers, installers, engineers, architects, researchers & academics, inspired and fed the idea of putting together duos who will give presentations around the 3 main themes:

· **STRUCTURAL MEMBRANE: contemporary, innovative, adaptive daring and impactful solutions**
· **TENSIONED MEMBRANE STRUCTURES: the seventh building material**
· **STRUCTURAL MEMBRANE: an answer to issues of the 21st century**

The duos confirmed today are:

· **Atelier Zündel Cristea** & **Ramon Sastre** (Universitat Politècnica Catalunya)
· **Bruce Danziger** (Danziger Engineering Collaborative INC.) & **Carol Monticelli** (Politecnico di Milano)
· **Karsten Moritz** (IMS Bauhaus® Archineer® Institutes e.V.,) & **Jean-Christophe Thomas** (Nantes Université)

Sponsoring TENSINANTES 2023: Interested to sponsor the symposium TENSINANTES 2023? There are 4 categories with corresponding benefits: **Platinum sponsorship** (€4000,00); **Gold sponsorship** (€3000,00); **Silver sponsorship** (€2000,00) **and Copper sponsorship** (€1000,00). See **link** for more detailed information. Do not hesitate to contact the Organising Committee for further information.

Organising Committee
Jean-Christophe Thomas - jean-christophe.thomas@univ-nantes.fr
Sabine Cario - sabine.cario@univ-nantes.fr
Evi Corne, Marijke Mollaert - info@tensinet.com

TENSINET at ADVANCED BUILDING SKINS 2022

Also this year, TensiNet Association was well represented at Advanced Building Skins 2022 with the very nice lightweight booth, the TensiNet & Friends Meeting and the presentations in the session on **Architectural Membranes for High-performance Building Skins**; **Life Safety and Fire Prevention in Façades** and in **Building a Sustainable World**! Please find the **link** to the presentations.
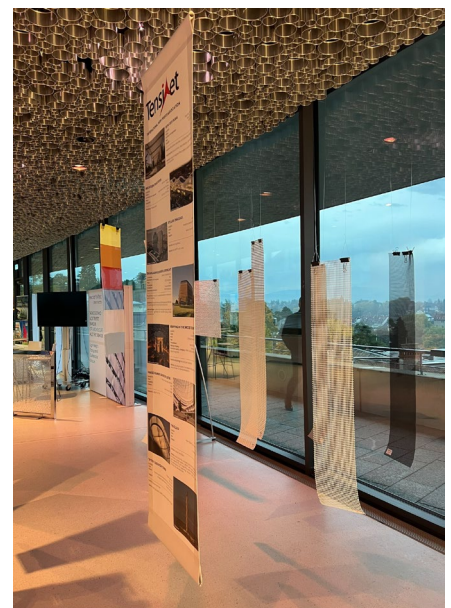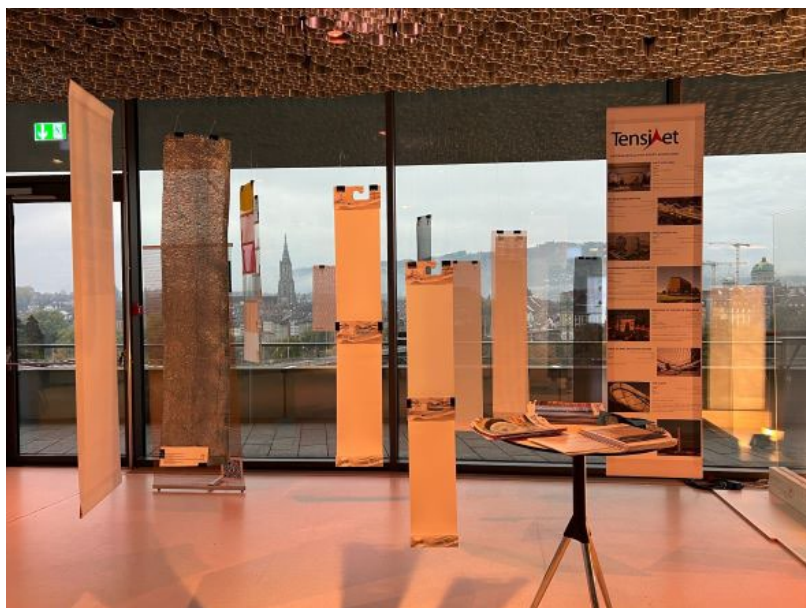
The Working Group and the Project Team in particular, involved with the writing of the Technical Specifications for the **Eurocode prCEN/TS 19102 Design of membrane structures** approved the document on the 2nd of November and this final document was submitted to CEN for formal approval. The formal vote for the FprCEN TS19102 is foreseen in April 2023. So, let us look forward to the moment that **membrane structures** will become a fully-fledged member of the Eurocode suite!
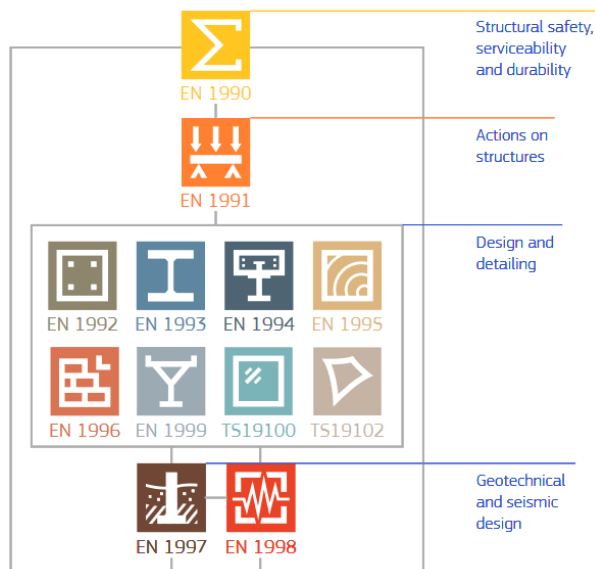
Lastly, we can inform that TensiNet joined the Institut Bauen und Welt (IBU). The WG S&C is finalising the **Product Category Rules (PCR) for Architectural Membranes**. PCRs are the combination of specific rules, requirements, or guidelines used to create an Environmental Product Declaration (EPD) for one or more product categories. In the IBU's EPD programme, the PCR is divided into two parts: A and B. PCR Part A contains the uniform life cycle assessment calculation rules for all building products, as well as the requirements for the background report. Part B regulates the specific requirements of each product subgroup for the contents of an EPD. The aim of the PCRs proposal by TensiNet, specific for the Architectural Membranes, is to act as association to frame the common rules of the textiles, coated textiles and foils as architectural construction products and, by the IBU membership, to give advantages to the producers, that are TensiNet members, reducing their economical impact in case their future willingness is going in the direction of the EPD certification. The WG S&C shared with the companies the PCRs draft document to have the approval, before delivering it to IBU at the beginning of the next year. Interested to read the draft and/or join this WG? Send an email to info@tensinet.com.

Kind regards,
Stay healthy and best wishes for 2023!
Evi Corne & Marijke Mollaert