

TensiNewsflash

AUTUMN 2025

Dear TensiNet member,

Please find below the latest TensiNewsflash.

TENSINEWS 49

Enjoy the latest **TensiNews 49** (login). In this TensiNews issue you will find 2 contributions on recent projects. Josep Llorens prepared a report summarizing all the contributions from history over design and projects to research, products, manufacture and maintenance presented during Textile Roofs 2025.

The call to submit your contribution for the next issue **TensiNews 50** is foreseen end of the year but you can always send your contribution to evi.corne@vub.be in advance.



WORKING GROUP EUROCODE



WG leader: Marijke Mollaert



Figure 1. Renovation of Dresden Central Station Membrane Roof © Pfeifer Structures

The Working Group Specifications & Eurocode (CEN TC250 WG5) meets once a month to further develop the EN 19102-2 Eurocode 12 - Design of tensioned membrane structures - Part 2: Execution.

After 2 years of use, the comments on CEN/TS 19102 - Design of tensioned membrane structures - are requested. Members are invited to submit their comments via their National Standards Body through the Committee Internal Ballot (CIB) no later than 16 February 2026.

The Working Group has paused the work on Production Standards for ETFE foils and for PVC-coated polyester membranes. If any member would like to take the lead on this, please email info@tensinet.com.

WORKING GROUP SUSTAINABILITY & COMFORT -----



WG leader: Carol Monticelli

The Working Group on Sustainability and Comfort meets three to four times a year to discuss priorities related to eco-efficiency and the environmental impact assessment of architectural membranes and membrane materials.

In September, we focused on updates from the ECHA RAC and SEAC meetings, in which we participated last November, as well as on the possible future developments concerning the PFAS ban. We are currently reviewing the ECHA dossier to analyse how the observations submitted by TensiNet last year — and by the associated companies directly affected by the decision — have been interpreted.

In parallel, we are continuing our work on the Life Cycle Assessment (LCA) topic. Although the grouped EPD project is currently on hold, we are concentrating on the few existing Environmental Product Declarations (EPDs) for membrane textiles and foils and advocating for their inclusion in LCA databases. This will help ensure they can be used effectively from the early design stages of projects.

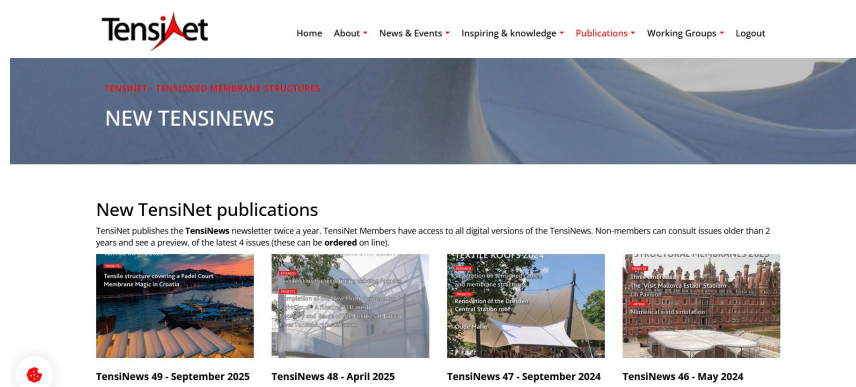
The next meeting will take place no later than the end of November. Members interested in joining are welcome to contact us at info@tensinet.com.

WORKING GROUP DIGITAL -----



WG leader: Maxime Durka

The aim of this WG is to give TensiNet a higher visibility on digital platforms. We have optimised together



with the web designer aware the TensiNet website! The website is more visually appealing through the use of image tiles, and the structure has been simplified. The updated website is since a few months online. Log in and find out more!

www.tensinet.com.

The amount of LinkedIn followers is still raising, today we have **2763** followers.

ACTIVITIES AND NETWORKING

Advanced Building Skins 3 - 4 November 2025, Bern

Over 100 international architects, engineers, scientists, and representatives of the construction industry will present new projects and developments



in building envelope design at the Advanced Building Skins Conference & Expo in Bern, Switzerland. The conference is the premier international event for innovative building envelopes offering high-calibre presentations and productive networking opportunities.

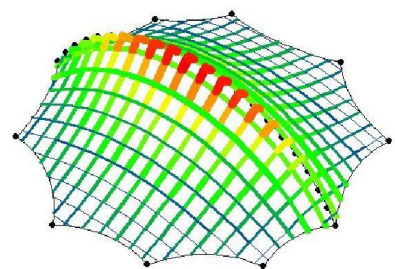
Techtextil 2026 21 - 24 April 2026, Frankfurt

techtextil

Innovations often arise from unexpected encounters. From April 21 to 24, 2026, we will celebrate these special meetings once again, with countless national and international exhibitors showcasing the full spectrum of high-tech textiles across twelve application areas. However, research, development, and scalable implementation thrive best when the entire value chain is present. That's why Texprocess will be held in close proximity at the same time. This is how ideas turn into results.

Textile Roofs Workshop 26 - 28 April 2026, Berlin

The twenty-eighth International Workshop on the Design and Practical Realisation of Architectural Membrane Structures will be held on 26th to 28th of April 2026 in Berlin. Its format will be similar to that of TR 2025, with seminar-style lectures and hands-on activities. The main objectives of the workshop are to provide fundamental information, as well as presenting the state-of-the-art in textile roof engineering.



8th TensiNet Symposium 2026 & 7th Essener Membranbau Symposium 2026 SHAPING THE PATHWAY TO FUTURE TENSIONED MEMBRANE DESIGN 30 September – 2 October 2026, University of Duisburg Essen, Campus Essen

The symposium is hosted by the Institute for Metal and Lightweight Structures, University of Duisburg Essen, campus Essen. The symposium is dedicated to the latest developments in tensile architecture and



membrane structures. The main topics are 1/ Design, Modelling and simulation of structural membranes; 2/ Materials and executions and 3/ Sustainability and building physics.

Figure 2: Expo Osaka 2025 - Switzerland Pavillon © schlaich bergemann partner - Andreas Schnubel

With less than a year to go, the organising committee is in full preparation mode. More than 50 abstracts were submitted, covering a wide variety of interesting topics. The scientific committee has begun reviewing them. The feedback is expected mid-November.

There is still the opportunity to sponsor the TensiNet-EMS 2026 symposium. There are 4 categories with corresponding benefits: Platinum sponsorship for 4000€; Gold for 3000€; Silver for 2000€ and Copper for 1000€. For more information see www.uni-due.de/iml/te26-id10.php. If additional information is needed, please contact evi.corne@vub.be

Kind regards

Evi Corne & Marijke Mollaert