Composite solutions for contact
with chemicals and other corrosive media

FRP Unlimited

February 16 – 17, 2027
Munich, Germany

Program



The Conference

The international conference **FRP Unlimited** brings together international experts to discuss the latest developments in composites and glass fibre-reinforced plastics (FRP).

The program covers regulatory challenges, innovative materials, digital design methods, advanced piping and storage solutions, quality assessment, and non-destructive testing. Practical case studies highlight lessons learned from industrial applications worldwide. A special focus is placed on sustainability, circular economy concepts, and recycling technologies that transform FRP waste into valuable resources.

The conference offers a unique opportunity to gain technical insights, exchange experience, and network with professionals from across the global composites industry.

Target Audience

- Operators of industrial plants (chemical, power, water, etc.)
- Consulting and engineering companies
- Professionals in plant construction, installation and operation
- Manufacturers of FRP components and industrial equipment (e.g. pipes, sealing)
- Companies involved in plant maintenance
- Authorities and associations
- Research institutes and universities
- Inspection bodies

Conference language

The conference language is English.

Committee

Amiblu Germany GmbH
Thomas Hoffmann

AOC
Andreas Horbach, Arno van Slooten

AVK – Federation of Reinforced Plastics
Dr. Elmar Witten

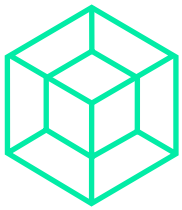
Steuler-KCH GmbH
Mario Spangenberg

TÜV SÜD Industrie Service GmbH
Andreas Stäblein, Bianca Wattenberg

Exhibition

Interested companies have the opportunity to present their products and services at the exhibition taking place parallel with the conference.

For further information please contact
Viktoria Wieland (viktoria.wieland@tuvsud.com,
Phone: +49 89 5791 2410).



February 16, 2027

09:30 **Welcome**
TÜV SÜD

09:40 **Trends and developments in the European composites and GFRP industry**
Dr. Elmar Witten, AVK – Industrievereinigung Verstärkte Kunststoffe e. V. (DE)

Raw Materials & Design

10:00 **The evolution of FRP calculations over time – from manual to digital calculations**
Kilian Gedon, KIB Engineering & Consulting GmbH (DE)

10:25 **The National Standard: First General Administrative Regulation under the Federal Immission Control Act (Technical Instructions on Air Quality Control – TA Luft)**
Alexander Schulte, TÜV SÜD Industrie Service GmbH (DE)

10:50 Coffee break

11:20 **Styrene in Europe and beyond: Understanding the changing regulatory landscape and practical implications for the composites industry**
Helen Boston, ALTA Performance Materials (ES)

11:40 **Signia® Technology contribution to the styrene issue and occupational exposure concern**
Guy Schneider, ALTA Performance Materials (DE)

12:00 **Thermoplast–textile combinations in FRP equipment**
Armin Spreng, SIMONA AG (DE)

12:25 **Overcoming the conductivity challenge in UV-cured FRP composites using graphene nanotubes**
Fabio Tombolato, OCSiAl Europe S.à r.l. (LU)

12:50 Lunch break

13:50 **From fabric backing to welding: Safe and reliable FRP dual-laminate piping systems**
Johannes Derfler, agru Kunststofftechnik Gesellschaft m. b. H. (AT)

14:15 **EU Drinking Water Directive: Challenges for Fiber-Reinforced Plastics in contact with drinking water**
Dr. Quirin Sinz, TÜV SÜD Industrie Service GmbH (DE)

Quality Assessment & Test Methods

14:40 **Production technology: Adapting the cast pipe manufacturing process for derakane 470 resin pressure pipes**
Alexander Bamberger, Fiberpipe GFK Vertriebsgesellschaft mbH (DE)

15:05 Coffee break

15:35 **High-performance fiber-reinforced thermoplastic pipes**
Dr. Tobias Donhauser, fiberior GmbH (DE)

16:00 **Damage assessment of FRP using API 579-1 / ASME FFS-1**
Geoff Clarkson, UTComp Inc (CA)

16:25 **Non-intrusive NDT inspection and assessment of PVC-lined FRP vessel containing a toxic substance**
Henrik Kjaerholm, Nordic Glasfiber (DK); Geoff Clarkson, UTComp Inc (CA)

16:50 End of the first conference day

18:30 Evening event

February 17, 2027

Practical Applications & Lessons Learned

09:00 **Turning up the heat**
Product innovations for improved heat resistance and robust part fabrication
Andreas Horbach, AOC Deutschland GmbH (DE)

09:25 **Practicality of GRP/GRE in real industrial projects**
Damià Gelpi, Amiblu Pipes Spain (ES)

09:50 **Lessons learned from FRP piping failure investigations: operational experience from case studies worldwide**
Edwin Schimmel, Dynaflow Research Group B.V. (NL)

10:15 Coffee break

10:45 **Dual-laminate storage tanks: Combining FRP strength with thermoplastic corrosion barriers for next-generation chemical storage**
Andreas Kunz, FRANK GmbH (DE)

11:10 **GRP piping systems for large-scale and river water heat pumps – a key component of the municipal heat transition**
Thomas Hoffmann, Amiblu Germany GmbH (DE)

Sustainability & Recycling

11:35 **Low-Carbon, Recyclable, Built to Last: 30 years of GRP in process plants**
Philipp Wilczek, CTS Composite Technologie Systeme GmbH (DE)

12:00 Bavarian Breakfast

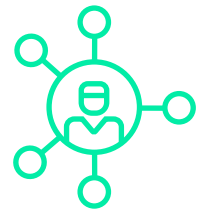
13:00 **WALUE: ACCIONA's waste-to-value approach for transforming retired wind turbine blades into high-value resources**
Anurag Bansal Bansal, ACCIONA (ES)

13:25 **From GFRP waste to resource: Circular economy in action**
Fabian Rechsteiner, Fraunhofer Institut für Gießerei-, Composite- und Verarbeitungstechnologie IGCV (DE)

13:50 **End-of-life of industrial GRP equipment: pyrolysis-based fibre recovery – status and challenges from a start-up perspective**
Maximilian Feyrer, reVert (DE)

14:15 **Making products from recycled FRP: What actually works**
Tobias Disse, Compone B.V. (NL)

14.40 End of the conference



Registration & Information
www.tuvsud.com/akademie/frp-unlimited

Conference Registration Fee

€ 1090,00 plus current VAT (if applicable)
The conference registration fee includes digital conference documentation, lunch, snacks and beverages during breaks as well as the evening event.

Conference Venue

TÜV SÜD Headquarters
Algorithmus Building
Rüdesheimer Str. 10
80686 Munich, Germany

Contact

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In cooperation with
TÜV SÜD Industrie Service GmbH

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