

ETN MONTHLY NEWS SUMMARY

AUGUST 2021

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NEW MEMBERS

A warm welcome to ETN's new members [Adams Armaturen](#) (Germany) and [Lincotek](#) (Italy) who joined our network!

ETN'S NEW R&D RECOMMENDATION REPORT

The new edition of our R&D Recommendation Report was published in July. The aim of this must-read report is to summarise recommendations for R&D topics based on the user community's needs and requirements, as well as energy policy targets. The report is intended to be a living document revised on a biennial basis. In accordance with this, the growing importance of Systems Integration and Energy Storage is now addressed in a dedicated chapter that reviews overall performance improvements that can be obtained by the integration of gas turbine technology in other systems. We would like to thank the ETN Project Board for their valuable input and time dedicated for drafting this excellent report! You can download the report [here](#).

"GAS TURBINES: AN ENABLING TECHNOLOGY FOR A CARBON-NEUTRAL SOCIETY" – ETN'S NEW PUBLICATION

With ETN's new publication *"Gas turbines: an enabling technology for a carbon-neutral society"*, our objective is to highlight that ETN members are committed to the development of safe, secure, affordable and dispatchable carbon-neutral energy solutions by 2030, to be implemented globally by 2050. Gas turbine dispatchability, decarbonisation options and power density, combined with a wide range of applications across many sectors offer great potential to enable and support the present and future power and heat needs of a carbon-neutral society and beyond. This also

demonstrates the need and relevance of continuous support for R&D efforts in the quest for a carbon-neutral society. To read more, please click [here](#).

INTERNATIONAL GAS TURBINE CONFERENCE – REGISTRATION IS OPEN

Registration for ETN's International Gas Turbine Conference (IGTC) is now open! Our 10th IGTC "*Gas turbines in a carbon-neutral society*" will be held virtually on 11-15 October 2021. The conference will include 5 keynote sessions, 9 technical sessions (with 27 technical papers to be presented), a virtual exhibition lounge and innovative networking opportunities. Take advantage of our early bird rate for ETN members and register before 10 September! Preliminary conference programme, information on registration and details about sponsorship opportunities are available on [our website](#).

DECENTRALISED ENERGY SYSTEMS WORKING GROUP – LAUNCH MEETING

The aim of ETN's new Decentralised Energy Systems Working Group is to bring together stakeholders of the value chain for decentralised energy solutions involving micro and small gas turbines, with the objective to accelerate the development of cost-efficient integrated secure technology solutions in line with the market needs. The first part of our virtual launch meeting will be organised on 23 September, followed by the second part of the meeting on 28 September. These meetings are open to all ETN members. If you or someone from your organisation would be interested to attend, please register for the meetings through ETN's [website](#). Call links will be sent to registered attendees ahead of the meetings.

GAS TURBINE ENCLOSURE STANDARD FOR HYDROGEN FUEL

During our AGM & Workshop earlier this year, ETN members initiated discussions about gas turbine enclosure for hydrogen blends or pure hydrogen. As it was highlighted during ETN's event, currently there is no standard addressing enclosure safety challenges for gas turbines running on hydrogen fuel mixtures. The participants decided to launch a taskforce under ETN's Hydrogen Working Group to gather perspective from the whole value chain, in order to understand and agree on how to safely design the enclosure. The launch meeting of the taskforce, open to all ETN members, will be held virtually on 10 September. You can register for the meeting by clicking [here](#). Call links and further information will be sent to registered attendees.

EU INDUSTRIAL EMISSIONS DIRECTIVE

Under the [European Green Deal](#), the European Commission will propose a revision of EU measures addressing pollutant emissions by large industrial and (agro-) industrial plants. The review aims to support EU's goals on zero pollution, climate neutrality, biodiversity and a cleaner, more circular economy. ETN is a member of the Industrial Emissions Directive (IED) Forum and attended the recent stakeholder workshop "*Assessment of options for the revision of the Industrial Emissions Directive*" in July, during which the latest developments were presented to the stakeholders of the Forum. The final report is expected to be released in autumn 2021, and the legislative proposal for revision of the IED shall be published in early 2022. Presentations and recordings of the July workshop are available [here](#).

CALENDAR FOR MEETINGS AND EVENTS

ETN's upcoming meetings and events for 2021 are listed on our [website](#). The calendar includes links to meeting pages, as well as open event registrations, and is updated regularly.

ETN'S QUARTERLY NEWSLETTER

If you missed our latest Quarterly Newsletter, you can download a copy [here](#).

ETN TEAM

Simon Gianordoli started as ETN's Project Officer in July. Simon has a master's degree in European Affairs and in Law, and before joining ETN he worked for several European trade associations in Brussels. His main focus within ETN will be our ROBINSON and FLEXnCONFU projects. You can contact Simon at sg@etn.global

Rene Vijgen will start on 1 September as ETN's Senior Technical Manager. With a long and successful career in the gas turbine field, he will bring a wide technical knowledge and experience, as well as strong project management skills. Rene will mainly be responsible for the management and coordination of ongoing and future ETN projects. You can contact Rene at rv@etn.global

UPCOMING MEETINGS AND EVENTS

Virtual ETN meetings and events:

- ETN Young Engineers Committee meeting: 27 August 2021
- ETN Board meeting: 7 September 2021
- [GT enclosure standard for hydrogen fuel - taskforce meeting](#): 10 September 2021
- ETN Project Board meeting: 23 September 2021
- [Decentralised Energy Systems WG meeting](#): 23 and 28 September 2021
- SGT-A35 User Group Meeting: 22-24 September 2021
- [High-Level User Meeting](#): 4 October 2021
- [International Gas Turbine Conference](#): 11-15 October 2021

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ETN Monthly News Summary is distributed internally to ETN members at the end of each month. ETN Quarterly Newsletter is circulated to members and external contacts four times a year. The next edition will be October-December 2021. You can find all the previous issues of both publications on www.etn.global/news-events