

ETN MONTHLY NEWS SUMMARY

SEPTEMBER 2021

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NEW MEMBERS

We warmly welcome [Atlas Copco Airpower](#) (Belgium) and [Thomassen Energy](#) (the Netherlands) who joined ETN in September.

INTERNATIONAL GAS TURBINE CONFERENCE – REGISTRATION IS STILL OPEN

ETN's 10th International Gas Turbine Conference (IGTC), “*Gas turbines in a carbon-neutral society*”, will be held virtually on 11-15 October 2021. Our programme will consist of:

- 5 high-level keynote sessions and panel discussions, including the latest forecast from the IEA, and decarbonisation strategies from policymakers and industry leaders in Europe, US, Japan and India
- 9 technical sessions and 27 technical papers from technical experts presenting the latest technology developments
- virtual exhibition area, networking tables and one-on-one meeting opportunities.

Download the conference programme and register via [ETN's website](#) – sign up now and benefit from a reduced ETN member fee! All IGTC presentations and technical papers will be available only for the registered participants.

HIGH-LEVEL USER MEETING

ETN's annual [High-Level User Meeting](#) “*Operational optimisation and technology development needs for the transition to a carbon-neutral society*” will be held on 4 October 2021. This meeting, with attendance limited to gas turbine end-user organisations, is an excellent occasion to exchange views and experiences with senior-level users from the oil & gas, utility and industry sectors, and to bring forward short- and long-term turbomachinery development needs that will have an important impact on the profitability of operations and the fulfilment of the long-term strategy. The key messages from this meeting will be presented during ETN's [IGTC](#) keynote session “*Technology development path for a carbon-neutral society*” on 15 October 2021.

LAUNCH OF DECENTRALISED ENERGY SYSTEMS WORKING GROUP

ETN's new Decentralised Energy Systems Working Group launch meetings took place virtually on 23 and 28 September 2021. At these meetings the ETN members shared their expectations for this new Working Group. The European Commission also highlighted the R&D opportunities for system solutions where dispatchable gas turbines integrated with intermittent renewable sources could fulfill the main expectations of decentralised energy system: sustainability, security of supply and availability. Under the chairmanship of Elisabet Syverud (University of South-Eastern Norway), the Working Group members had the opportunity to discuss the scope and objectives for this new WG within dedicated subgroups. The next Decentralised Energy Systems WG meeting will be held in late October/early November 2021 (date to be confirmed). If you would be interested to join this new Working Group, please contact us: info@etn.global

GAS TURBINE ENCLOSURE STANDARD FOR HYDROGEN FUEL TASKFORCE

The launch meeting of ETN's 'Gas turbine enclosure standard for hydrogen fuel' taskforce, was held virtually on 10 September 2021. As the enclosure design, ventilation, and flow/gas detection have all initially been designed based on NG properties, there is a need to agree on the best practices and develop a suitable safety standard, as industry partners start seeing increasing enquiries from clients to increase the share of hydrogen capabilities of their assets. This taskforce will address these needs, enabling safe operations on different hydrogen blends, as well as pure hydrogen as it becomes available. As part of the phase one, a gap analysis is in the process of being launched, also defining the required scope of testing and associated budget. The phase two will be the performance of the required tests co-funded by the industry partners. If you would be interested to join and support this taskforce, please send us an email: info@etn.global

ETN'S AM MACHINE EVALUATION INITIATIVE LAUNCHED

ETN's first industry-funded project, the Additive Manufacturing (L-PBF) Machine Evaluation Initiative, was launched in September. Additive manufacturing technology is a key enabler for developing capabilities with innovative component designs and for reducing costs and lead time of production. Ensuring productivity and end-product quality is vital for the long-term competitiveness of our industry. This collaborative project provides the opportunity to better understand the capabilities and boundaries of the technology for the energy industry by reviewing market-available solutions, with the ultimate goal to provide supportive ground to push these limits further. See more details about this unique initiative [here](#).

ROBINSON PROJECT PARTNERS MET IN NORWAY

The ROBINSON project partners held their General Assembly meeting in Egersund, Norway, on 21-22 September 2021. Celebrating the opportunity for a face-to-face meeting at the end of the first year of the project, the partners had intense discussions in Egersund, hosted by Energy Innovation AS and coordinated by ETN. These two days of meetings helped to strengthen the links between the partners and to reinforce the vision of the consortium towards the success of the project. The partners also visited Prima Protein's premises in Egersund. There has been a high interest in the project not only in Norway but also globally. As a result, additional local funding

has been announced for the construction of a hydrogen terminal at Eigeroy. The ROBINSON project will be presented at ETN's IGTC on 11 October – see more details [here](#).

VIRTUAL FLEXNCONFU GENERAL ASSEMBLY MEETING

The virtual General Assembly meeting of the FLEXnCONFU project took place on 15-16 September 2021. It was the occasion to take stock of the progress made in the last 6 months and share the vision for 2021 and 2022. The project will be presented at several international and national events this autumn, including ETN's virtual [IGTC](#) on 12 October.

UPCOMING MEETINGS AND EVENTS

Virtual ETN meetings and events:

- [High-Level User Meeting](#): 4 October 2021
- [International Gas Turbine Conference](#): 11-15 October 2021
- Decentralised Energy Systems WG meeting: October/November 2021 (date tbc)
- ETN Board meeting: 3 November 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