

# ETN'S 15<sup>TH</sup> ANNUAL GENERAL MEETING & WORKSHOP

## DRAFT AGENDA

27-28 March 2018

Pau, France

### WEDNESDAY 27 MARCH 2019: Annual General Meeting

Morning	ETN Board and Project Board meetings
9:00–11:00	Site visit: Total's Remote Assistance, Intervention and Diagnostics (RAID) room (optional)
11:00–13:15	Registration at Total's conference centre
12:00–13:00	Welcome lunch
13:15–15:00	<ul style="list-style-type: none"> <li>- <b>Opening and President's speech</b>, Bernard Quoix, ETN President/TOTAL</li> <li>- <b>Approval of the previous AGM minutes</b></li> <li>- <b>Annual report of the activities and achievements</b>, Christer Björkqvist, Managing Director, ETN <ul style="list-style-type: none"> <li>• Energy &amp; climate policy, regulations, market trends</li> <li>• CEN SFGas Working Group on Gas Quality</li> <li>• ETN projects and Working Groups</li> <li>• Upcoming meetings and supported external events</li> </ul> </li> <li>- <b>Strategy and way forward</b>, ETN Board</li> <li>- <b>Financial report</b>, Andy Williams, ETN Treasurer/Chromalloy</li> <li>- <b>Adoption of accounts</b></li> <li>- <b>IGTC-20 Conference Advisory Board</b></li> </ul>
15:00–15:30	Coffee break
15:30–17:30	<ul style="list-style-type: none"> <li>- <b>Safety moment: hexavalent chromium</b>, Cath Goy, ETN Vice President/Uniper</li> <li>- <b>Report from the ETN Project Board</b>, Peter Jansohn, Chair of ETN Project Board/PSI <ul style="list-style-type: none"> <li>• R&amp;D Recommendation Report and future opportunities</li> </ul> </li> <li>- <b>The role of hydrogen in the energy transition – panel discussion</b> <ul style="list-style-type: none"> <li>• Blue Hydrogen Production – challenges and opportunities <i>Geir Johan Rørtveit, Equinor</i></li> <li>• Hydrogen Fired Gas Turbine for the Realization of a Low Carbon Society <i>Satoshi Tanimura, General Manager Gas Turbine Technology &amp; Products, MHPS</i></li> </ul> </li> <li>- <b>Closing remarks</b>, Christer Björkqvist, Managing Director, ETN</li> </ul>
17:30	Bus service will be organised between the venue and hotels
19:00–23.00	Dinner

## THURSDAY 28 MARCH 2019: Workshop

	Bus service will be organised between the hotels and Total's conference centre		
08:30–10:30	<ul style="list-style-type: none"> <li>- <b>Needs and requirements of the user community – global view</b></li> <li>- <b>Additive manufacturing in the gas turbine supply chain – panel discussion</b> <ul style="list-style-type: none"> <li>• Lukas Fuchs, Business Development Manager Turbomachinery, EOS</li> <li>• Massimiliano Cecconi, Head of Advanced Technology &amp; Validation Engineering, BHGE</li> <li>• Steve Nardone, Project Manager Metal Additive Manufacturing, ENGIE</li> </ul> </li> </ul>		
10:30–11:00	Coffee Break		
11:00–12:30	Parallel Breakout Sessions	<b>Technical Committee 1</b>	<b>Next generation power cycles: supercritical CO<sub>2</sub> for energy intensive industry</b> <ul style="list-style-type: none"> <li>– Horizon 2020 call: Industrial (Waste) Heat-to-Power conversion <i>Ugo Simeoni, Research &amp; Innovation Manager, ETN</i></li> <li>– Demonstration of Supercritical CO<sub>2</sub> Cycles Technology for Waste Heat Recovery Applications <i>Giuseppe Messina, Project Process Engineer, ENEA</i></li> <li>– (Title tbc) <i>Michael Wechsung, Siemens</i></li> <li>– Turbomachinery challenges for supercritical CO<sub>2</sub> applications <i>Emanuele Rizzo, Senior Engineer Rotating Machinery, BHGE</i></li> </ul>
		<b>Technical Committee 2</b>	<b>Gas turbines operational and fuel flexibility</b> <ul style="list-style-type: none"> <li>– PUMP HEAT - Performance Untapped Modulation for Power and Heat via Energy Accumulation Technologies <i>Alessandra Cuneo, Project Manager, RINA-C</i></li> <li>– Horizon 2020 call: Integrated solutions for flexible operation of fossil fuel power plants through power-to-X-to-power and/or energy storage <i>Alessandra Cuneo, Project Manager, RINA-C</i></li> <li>– Hydrogen Working Group</li> </ul>
12:30–13:45 Lunch		<b>Technical Committee 3</b>	<b>Additive Manufacturing</b> <ul style="list-style-type: none"> <li>– AM-Motion benefits and trends of AM in Europe <i>Paula Queipo, External Relations Director, Prodimtec</i></li> <li>– ETN AM research roadmap <i>Ferenc Pankotai, Manager Combustion Engineering and AM, Solar Turbines</i></li> <li>– 3D Printing a Pump Impeller – Specification, Testing and Acceptance Criteria <i>Jan de Roos, Senior Rotating Equipment Engineer, Shell</i></li> <li>– ETN AM Equipment Database <i>Ron Van Gestel, Chromalloy</i></li> </ul>
13:45–15:00		<b>Technical Committees 4&amp;5</b>	<b>Gas turbine components life assessment</b> <ul style="list-style-type: none"> <li>– Expectations of an operator on gas turbine components life assessment <i>Jean-Louis Meyer, GT Senior Engineer, EDF</i></li> <li>– Methodology to assess the remaining life of gas turbines components <i>Ambra Giovannelli, Dr. Fluid Machinery, University of ROMA TRE</i></li> <li>– Predictive tools for gas turbine maintenance decision support <i>Valentina Zaccaria, Assistant Professor in Energy Engineering, MDH</i></li> <li>– (Title tbc) <i>Stefan Reh, Head of Test and Simulation for Gas Turbines Department, DLR</i></li> <li>– (Title tbc) <i>Sigrid Gijbels, Thermal Lab Manager, ENGIE</i></li> </ul>
15:00–16:00	<ul style="list-style-type: none"> <li>- <b>Report from Technical Committee discussions</b>, Project Board</li> <li>- <b>Closing remarks</b>, Bernard Quoix, ETN President/TOTAL</li> </ul>		

## Sponsor



### Accommodation

#### [Hotel Parc Beaumont](#)

1 Avenue Edouard VII, 64000 Pau, France

#### [Hotel Villa Navarre](#)

59 Avenue Trespoey, 64000 Pau, France

### Venue

#### [Total's conference centre](#)

Avenue Larribau, 64018 Pau Cedex, France

### AGM Dinner

Venue to be confirmed

### Contacts

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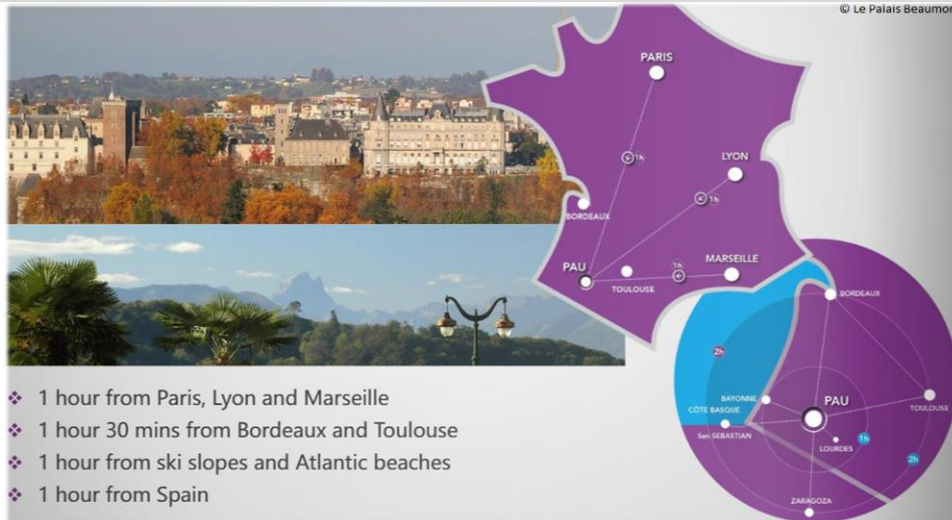
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## Connections hotels – meeting venue

Bus service will be organised between the venue and hotels for the afternoon of 27 March and the morning of 28 March.

## Directions



Pau Pyrénées Airport is located 13 km from Pau city centre and has daily flights from Paris (CDG and Orly), Lyon, Nantes and Marseille. Other airports nearby are Biarritz, Bordeaux and Toulouse. Pau can also be reached by train from several cities around France.

Pau city centre can be reached from the airport by taxi (average fare 30 euros) or shuttle bus, which operates between 7:00 and 19:00 (journey time about 30 minutes). Tickets can be purchased on the bus.

Total's conference centre (Cstjf) is located 5km away from Parc Beaumont hotel and 4km from Villa Navarre hotel. It can be reached from the airport by taxi.

