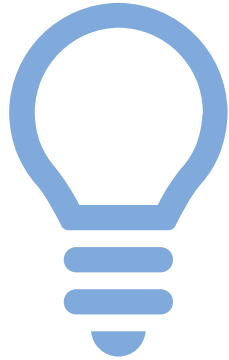


Young Engineers Committee (YEC)

Erika Rodriguez Aleman, City, University of
London/YEC Chairperson

Who we are



Vision: Facilitate a successful energy transition



Mission: A network of committed young engineers promoting fresh perspectives for a sustainable world and society

Terms of reference



Terms of Reference:

A new vice-chair is elected every three months
The vice-chair is then elevated to the position of chair.

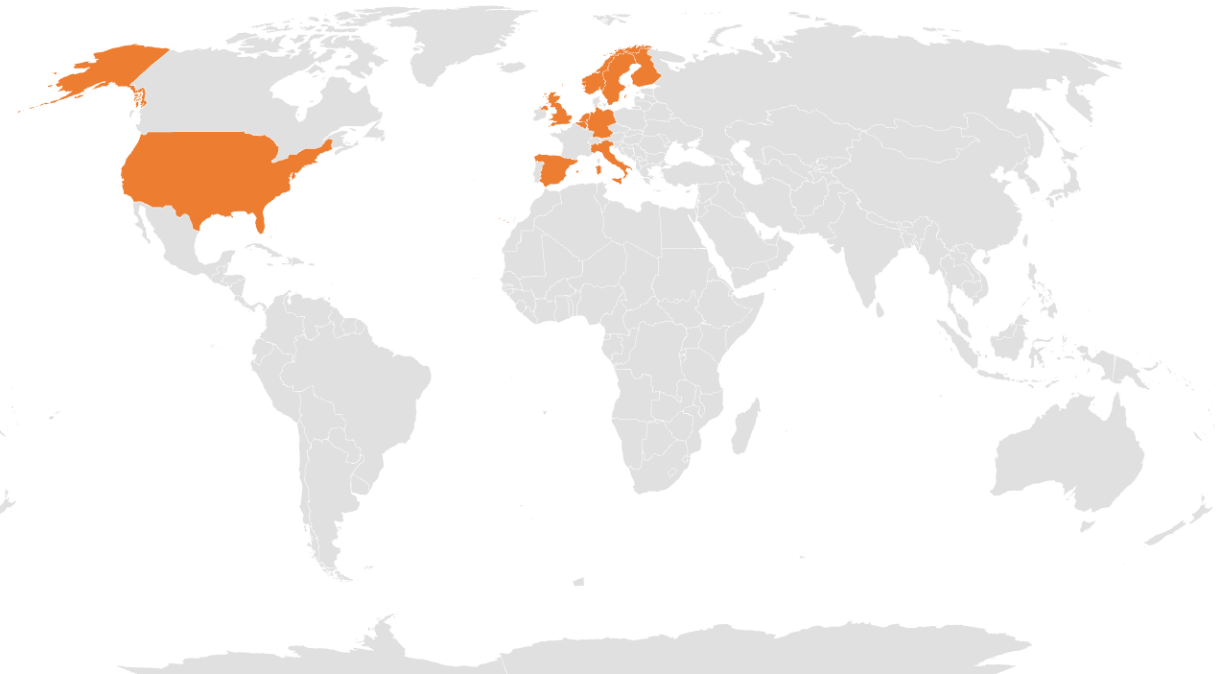
Growth plan

22 Members (+10)

21/121 of ETN associates



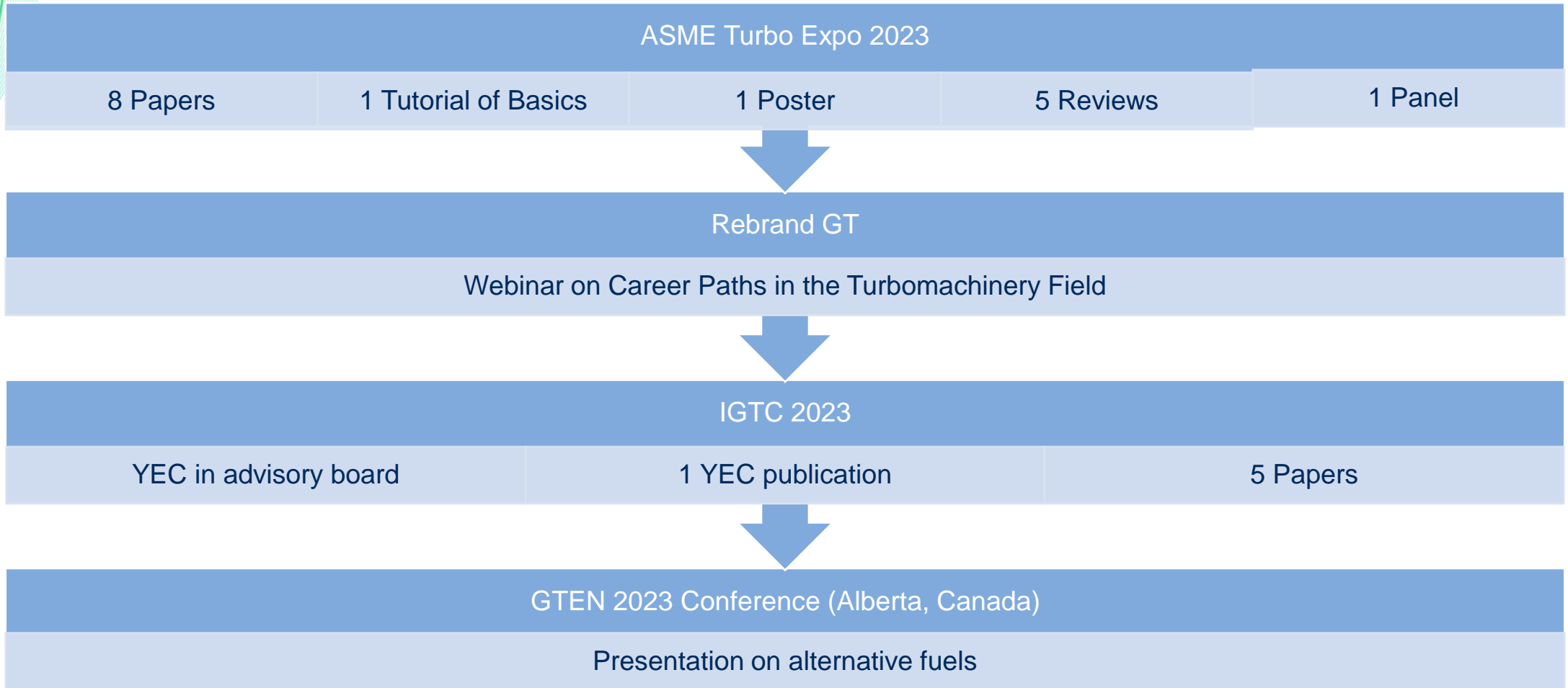
31/121 of ETN associates



Members



YEC Impact in 2023



YEC impact in 2023

Substantial contribution to:

H2

Working Group
Report

DES

Working Group
Report

LTA

Working Group
Report

YEC's on-going work

YEC Guidelines

Alternative fuels
task force

YEC Guidelines

- Updated the website
- Guidelines and terms of reference
- Onboarding process for new members

Young Engineers Committee

– Vision

Facilitate a successful energy transition

+ Mission

+ Aims

+ Objectives

Young Engineers Committee held their launch meeting on 6 July 2020 – see more details [here](#).
For more information, please contact Giuseppe Tilocca at [gt\[at\]etn.global](mailto:gt[at]etn.global)

Latest Developments

Documentation (ETN)

Members (ETN)

CURRENT STATUS:

The YEC is currently working on the following few activities:

- Coordination of the Master Thesis Competition,
- Promotion of the Energy and Turbomachinery fields amongst students,
- Alternative Fuels taskforce – developing a methodology to rank alternative fuels,
- App-development taskforce.

The YEC holds monthly teleconference meetings.

Ongoing work: Alternative Fuels

Scope definition

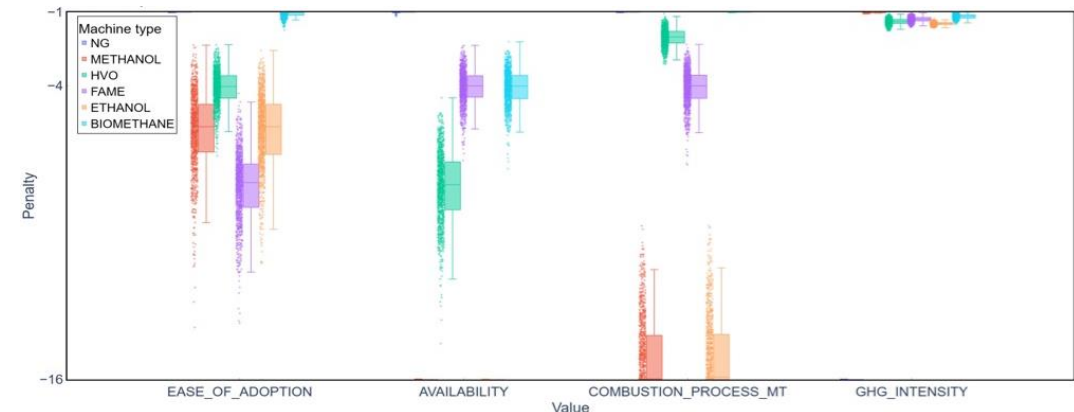
- Investigate the potential of alternative fuels to decarbonize GT applications
- Extended comparison of different alternative fuels based on multiple decision criteria (technological, economic and environmental)
- Support GT users in the selection of the alternative fuel for a given application

Expected outcome

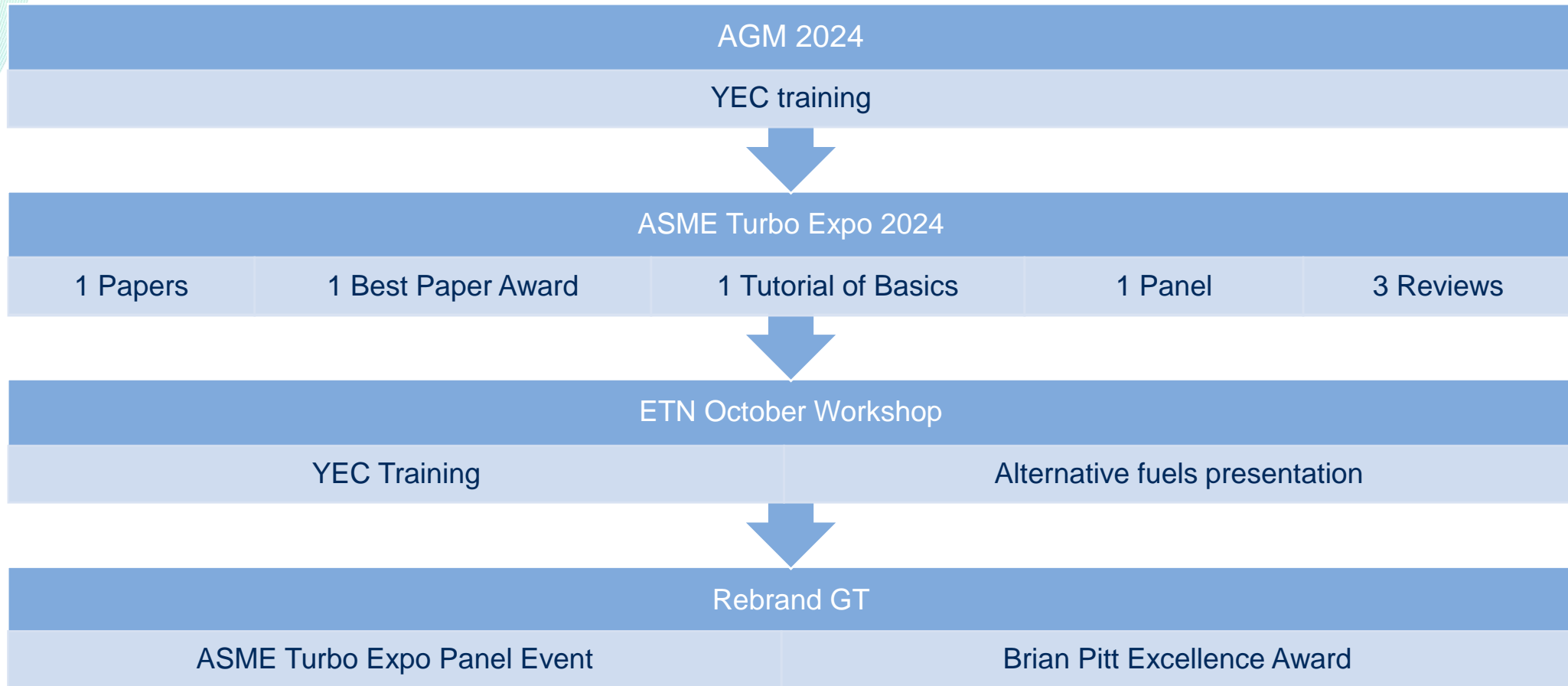
- Provide an overview of alternative fuels as a short or mid term alternative to hydrogen

Intermediate milestone:

- Presentation of the main outcomes at ETN October Workshop 2024
- Dissemination of the results through a scientific journal publication



YEC impact in 2024



2024 ASME Turbo Expo panel event

Career development in turbomachinery

- 23 June 2024, ExCel London
- Panel session during student mixer
- 4 panelists:
 - 1 YEC member
 - 1 ETN emeritus member



Brian Pitt Excellence Award:

A master's thesis competition



- Calling master students from ETN member universities!
- **Registration due 29 March 2024**
- Winner is sponsored to attend the ETN October Workshop in Stuttgart



Scan the QR code for more information!

WE ARE THE Y-E-C - THANK YOU

