

Aurelia Turbines in a nutshell

The most efficient small gas turbines in the world

Aurelia Turbines Oy was established 2013. The head office and manufacturing facilities of Aurelia are located in Lappeenranta, Finland.

In collaboration with the Lappeenranta University of Technology (LUT) Aurelia developed a new gas turbine utilising the IRG2 (Intercooled and Recuperated, Generator on 2 spools) process. Even though multispool turbines and recuperated/intercooled turbines exist in other forms, the A400 turbine is the first of its kind to utilise all these features in the same unit.

The first client delivery took place in 2021. After that, turbines have been delivered to several countries in Europe, Asia and the Americas.



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Aurelia's technology can be used globally in many different applications. Aurelia's main target markets are commercial and industrial end users who require both electrical power and heat for their processes, as well as those who require steam and/or cooling. Aurelia's turbines can run on renewable fuels, as well as on non-standard fuels.