



# Aurelia Turbines in a Nutshell

The world's most efficient small gas turbines.



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**.

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**.