



**From waste to value**

We convert low-grade heat into electricity.

The heat source can be anything from waste heat to municipal waste or biomass in a power plant. Our systems are based on the Organic Rankine Cycle and can utilize heat down to 90 degrees and generate power from 20 kW and up.

Take the first step towards becoming your own power producer – get in touch with us today!

## Againity

**Converts low-temperature heat into electricity with in-house developed ORC system.**

### FROM HEAT TO ELECTRICITY

Againity AB utilizes low-temperature heat and converts it into electricity through a so-called ORC system (Organic Rankine Cycle). Thanks to an in-house developed, patent pending turbine we can use heat down to 90 degrees of water and 100 degrees for gas – and still have a short payback time for the system down to 20 kW of electricity produced.

### HEAT SOURCE

The heat source can be anything from hot water or steam from a wood chip boiler to waste heat from an industrial process. We are happy to help with technical set up and financial calculations. Againity's reference systems can be found in the segments district heating plants, waste water treatment plants, greenhouse farms and manufacturing industries.

### INSTALLATION

The modular system is delivered as a turn-key solution either on a frame or in a container and ready to operate after installation to the heat source, cooling water/air and local power grid. The system is fully automated and a TCP/IP connection allows convenient monitoring and remote control. The system consists of high quality components and is designed to run with minimal service and at least 20 years lifetime.

### TURBINE SIZES

The ORC systems are offered from 20 kW to 2500 kW electricity and delivered either separately or together with a boiler, incinerator, waste heat recovery unit or other equipment after agreement.

Welcome to get in touch with us over email or phone for a discussion around the opportunities in your business.