



Local training
partners

Harvesting Waste Heat

Industries across the globe lose significant amounts of energy in the form of waste heat. In the context of soaring energy costs, businesses have become increasingly aware of the commercial value of this redundant heat. There are proven technologies for doing this. The trick is to bring these together into a cost-effective kit which can be replicated at scale.

Online

VET Courses

Retainergy

Implementing cost-effective Energy Recovery Systems
for small scale industries and incineration facilities

[Date & Time]

Course Focus:

This micro-credential highlights the opportunities for bringing together the components, skills and best practices into standardised, modularised kits reducing capex, operational costs and risks, while speeding up implementation and expansion. The course examines the combination of heat recovery solutions, thermal storage, ORC technologies, heat distribution solutions, thermal storage, and AI.

Course Format:

This micro-credential will consist of X modules delivered in 1-to-1.5-hour sessions, with each session including one or more special guest speakers. Learning will be grounded in real-world case studies involving speakers with operational experience in the field. The course will include multiple examples on successful and less useful approaches in project delivery.

Course Content (further details on page 2-)

The course consists of X online weekly sessions. Topics and challenges addressed include:

Potential

- The scale of the opportunity
- Benefits of waste heat recovery
- Challenges to overcome

Strategy

- The LEGO Approach – Modular Kits
- Cutting costs, not corners
- It can be done – Reference Cases

Solutions

- Technologies involved
- Digital solutions – smart design and operations
- Standardised approach – flexible sourcing

Skills

- Processes from Vision to Operations
- Competences required
- Local Capacity Building

Targeted Participants

The course is designed to meet the needs and expectations from a broad range of stakeholders:

- *Decision makers* in politics, industry, finance, etc. aiming to increase their understanding of the sector
- *Local Supply Chain* aiming to broaden their scope of products and services in the DHC sector
- *Training providers* at technical colleges and universities
- *Career Advisors* at schools and public/private institutions
- *Experienced professionals* interested in broadening their competence in the sector
- *Young talent* aiming to develop a career in the DHC industry – both vocational and professional
- *Representatives from media*, industry organisations, NGOs, and the broader public.