

Circular Production Optimisation

*Optimising production processes through sustainable management
and smart use of resources*

This service aims to guide industrial companies through a structured journey of resource efficiency, waste minimisation, and circular innovation — achieving measurable financial savings, regulatory compliance, and stronger market positioning.

Duration

4–6 months (depending on company profile, size, and data complexity).

Phases

1. Insight Phase (Assessment & Diagnosis)

- Specification of resources and material flows.
- Quick analysis of energy, water, and material use.
- Initial feasibility scan of optimisation opportunities.

Outcome: Baseline report with 3–5 priority actions and quick wins for efficiency.

2. Integration Phase (Systemic Redesign)

- Selection of effective use options and technological improvements.
- Practical calculation tools for evaluating alternatives.
- Human resources development for new processes.
- Production waste management strategy design.

Outcome: Integrated circular resource management framework, ready for implementation.

3. Transformation Phase (Full Circular Transition)

- Comprehensive technical and financial feasibility assessments.
- Long-term optimal resource management selection.
- Organisational culture shift through tailored training and consultation.
- Ongoing expert support and consultation (on-site + virtual).

Outcome: Deeply embedded CE practices across production, creating financial, environmental, and reputational benefits.

Includes

- Handbook and reference materials.
- Company resource profile inquiries.
- Practical calculation tools.
- Workshops and consultations with experts.
- Tailored recommendations and roadmap for transformation.

Delivery Format

Hybrid (on-site + online), flexible scheduling to minimise disruption.

Value for Managers

- Clear visibility on resource inefficiencies.
- Structured framework that balances quick wins with long-term change.
- Increased competitiveness through efficiency, compliance, and CE leadership.
- Practical tools and training that empower teams to implement solutions.

Please **contact us** at regionalcehub@gmail.com or info@iege.edu.mk for a consultation on the **price and more details on the process.**