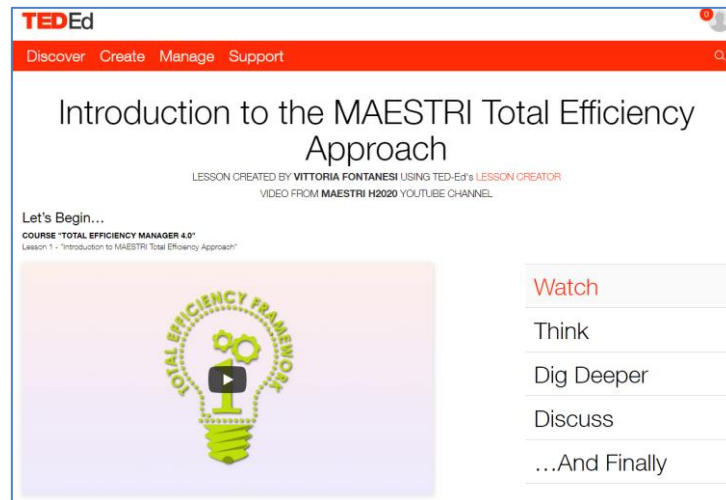


Maestri Training courses on TedEd



Microcourse 1 - Introduction to the MAESTRI Total Efficiency Approach

Training programme:

- WATCH: introductory video of MAESTRI presentation at ACHEMA Forum
- THINK: 5 multiple-choice questions
- DIG DEEPER:
 - Doing more with less
 - Goal and vision
 - Gaps and solutions
 - Total Efficiency Framework
- ...AND FINALLY: recap of H2020 MAESTRI course

Freely accessible here: <https://ed.ted.com/on/aBaCvNtE>

Microcourse 2 - Industrial applications of IoT to the MAESTRI Total Efficiency Framework

Training programme:

- WATCH: introductory video of MAESTRI presentation at ACHEMA Forum
- THINK: 4 multiple-choice questions
- DIG DEEPER:
 - The IoT in industrial ecosystems
 - The IoT and process optimisations
 - The MAESTRI IoT's vision
- ...AND FINALLY: info and direct links to Deliverables, published on MAESTRI website, where interested participants can deepen their knowledge on specific topics connected to the object of the lesson

Freely accessible here: <https://ed.ted.com/on/nF7m5SRR>

Microcourse 3 - Eco-efficiency procedures and methodologies

Training programme:

- WATCH: video on Eco Orbit View realized by LEI Polska
 - THINK: 3 multiple-choice questions
 - DIG DEEPER:
 - Definition of efficiency framework concept
 - Eco-efficiency assessment methods and applications (ecoPROSYS)
 - Efficiency assessment methods and applications: Multi-layer Stream Mapping (MSM)
 - DISCUSS: guided discussion "Integration of ecoPROSYS and MSM approaches"
- ...AND FINALLY: info and direct links to Deliverables, published on MAESTRI website, where interested participants can deepen their knowledge on specific topics connected to the object of the lesson

Freely accessible here: <https://ed.ted.com/on/WMpYzssQ>

Microcourse 4 – Introduction to Industrial Symbiosis

Training programme:

- WATCH: speech given by Maria Holgado (UCAM) on "Challenges and key success factors for Industrial Symbiosis"
 - THINK: 4 multiple-choice questions
 - DIG DEEPER:
 - Conceptual integration of Industrial Symbiosis into the Total Efficiency Management Framework
 - Benefits of adopting an Industrial Symbiosis approach
 - Tools to fully exploit Industrial Symbiosis
 - Opportunity identification and definition
 - Exchanges design and planning
 - Exchanges implementation and progress
- ...AND FINALLY: direct links to the "Library of 46 case studies" on Industrial Symbiosis, published on MAESTRI website

Freely accessible here: <https://ed.ted.com/on/SjgKPSii>

Microcourse 5 - Management System: Lean and Eco-Lean applications within the Total Efficiency Framework

Training programme:

- WATCH: video on Eco Lean Management Board realized by LEI Polska
- THINK: 5 multiple-choice questions
- DIG DEEPER:
 - MAESTRI Management System elements
 - MAESTRI specific elements of the management system

- Eco Orbit View: connections between environmental and business aspects of production process
- Focused Gemba Walk
- Retrospective analysis
- Eco Lean Management Boards and operational meetings for companies caring for sustainable development

...AND FINALLY: direct link to MAESTRI YouTube channels with both videos

Freely accessible here: <https://ed.ted.com/on/9PAOMrSP>