



MAESTRI

RESOURCE AND ENERGY EFFICIENCY
FOR PROCESS INDUSTRIES

Newsletter #06

#06_April 2019

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MAESTRI Training Course “Total Efficiency Manager 4.0”

MAESTRI training course in e-learning has finally been launched!

“**TOTAL EFFICIENCY MANAGER 4.0**” is an online training addressed to the industrial community and to all stakeholders who want to apply MAESTRI managerial tools and methods to their professional context, or to get a specialist training on the application of energy efficiency measures in industrial environments. The goal is providing learners with an integrated approach to **Total Efficiency Framework**.

The course is composed by **5 micro-training modules**, reflecting the 4 pillars of MAESTRI TEF (IoT, Industrial Symbiosis, Eco-Efficiency, LEAN Management) plus a general introduction to the project. Each module is **self-contained** and entitles participants to a **certificate of attendance**, which they can require after completing the course and succeeding a multiple-choice quiz.

The micro-courses that constitute the “Total Efficiency Manager 4.0” training path are:

1. Introduction to the MAESTRI Total Efficiency Approach

[COURSE AVAILABLE HERE](#)

2. Industrial Applications of IoT in the MAESTRI Total Efficiency Framework

[COURSE AVAILABLE HERE](#)

3. Eco-Efficiency Procedures and Methodologies

[COURSE AVAILABLE HERE](#)

4. Introduction to Industrial Symbiosis

[COURSE AVAILABLE HERE](#)

5. Management System: Lean and Eco-Lean applications within the TEF

[COURSE AVAILABLE HERE](#)

MAESTRI Training Course “Total Efficiency Manager 4.0”

At the end of the course, participants will acquire all the necessary skills to apply MAESTRI Total Efficiency Framework within their own companies, and **promote an environmental sustainability culture** at the industrial level.

Participating in one of the courses is very simple and does not require any enrolment. Here are the steps to take:

- Click on the link
- Visualize and study all training materials
- Complete the quiz
- Submit the result



Total Efficiency Manager 4.0

Course structure:
1) Training materials
2) Quiz
3) Certificate of attendance

Complete the quiz and fill in the info at page 3 to receive the certificate of your training.

Micro-Training Course: the MAESTRI total efficiency approach



Total Efficiency Manager 4.0

Course structure:
1) Training materials
2) Quiz
3) Certificate of attendance

Complete the quiz and fill in the info at page 3 to receive the certificate of your training.

Micro-Training Course: Industrial applications of IoT to the MAESTRI Total Efficiency Framework



Total Efficiency Manager 4.0

Course structure:
1) Training materials
2) Quiz
3) Certificate of attendance

Complete the quiz and fill in the info at page 3 to receive the certificate of your training.

Micro-Training course: Eco-efficiency procedures and methodologies

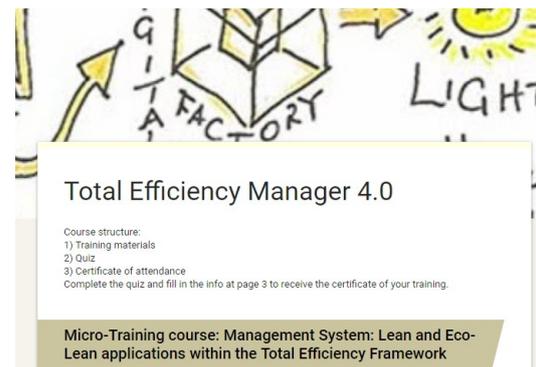


Total Efficiency Manager 4.0

Course structure:
1) Training materials
2) Quiz
3) Certificate of attendance

Complete the quiz and fill in the info at page 3 to receive the certificate of your training.

Micro-Training course: Introduction to Industrial Symbiosis



Total Efficiency Manager 4.0

Course structure:
1) Training materials
2) Quiz
3) Certificate of attendance

Complete the quiz and fill in the info at page 3 to receive the certificate of your training.

Micro-Training course: Management System: Lean and Eco-Lean applications within the Total Efficiency Framework

MAESTRI Participation in #WRF19

As anticipated in the last Newsletter, MAESTRI Project participated in this year's **World Resources Forum** (#WRF19), which took place from 24 to 27 February 2019 in Antwerp (Belgium). In particular, MAESTRI and a number of other SPIRE projects were presented during a side event entirely devoted to the topic of "**INDUSTRIAL SYMBIOSIS IN EUROPE**".

Marco Estrela from [ISQ](#), Emil Lezak from [IZNAB](#) and Daniel Summerbell from [UCAM](#) were there to represent the project.

"**Make Industrial Symbiosis successful**" was the motto of the speech, during which MAESTRI Total Efficiency Framework and the Toolkit for Industrial Symbiosis (**T4IS**) were presented to the public.

The event also represented a great opportunity to establish networks with other Research and Industry Partners from SPIRE Projects, and to listen to inspiring conferences on **Circular Economy** and future opportunities in the field of Industrial Symbiosis.



Industry 4.0 International Days



On 6-7 March 2019, an important B2B event took place in Lyon (France): **Industry 4.0 International Days**.

They were organized in the context of **GLOBAL INDUSTRIE** ([#GILyon](#)), an international Fair dedicated to Industry 4.0, Artificial Intelligence, IoT and digital technologies.

[Sinergie](#) was there to present and represent MAESTRI, but also to do some networking activity and disseminate the project.

Besides the brokerage event, the 2-days agenda also included several panel discussions, and a plenary conference held by Alec Ross on the challenges enterprises will face with the upcoming transformations brought about by Industry 4.0 paradigm.

National Workshops: where we are

2ND Workshop in Italy

On the 22nd of March 2019, MAESTRI was presented to Italian stakeholders, such as public authorities, companies and chartered professionals. The event was held in Reggio Emilia, the town where [Sinergie](#) is located, and was titled “**Project Management in Industry 4.0**”. 25 people attended the event.

The Workshop was organized jointly with COSMO, a national-funded project aimed at training consulting and service companies in the field of Industry 4.0, and it gave the opportunity to also present another SPIRE project (MONSOON).

The main focus of the speeches was on IoT **applications in industrial processes** and on project results. Other topics were tackled, with a particular focus on the role of **Project Manager**: certified skills, value creation and future market opportunities.



National Workshops: where we are

THE PROGRAMME



AGENDA

09:30 | Introduction and greetings | Speranza Boccafogli (Sinergie)

10:00 | Market trends for the role of Project Manager | Pier Paolo Maggi (AICA)

10:30 | PM: how to create value with project management | Paolo Manzoni (AICA)

11:30 | Project Manager's certified skills | Roberto Ferreri (AICA)

12:15 | Presentation of MAESTRI project MAESTRI | Giovanni Pede (Sinergie)

12:30 | IoT applications in industrial processes: MAESTRI & MONSOON | R. Rossini (LINKS)

13:00 | Training opportunities for companies and professionals: COSMO project and "Innovation Manager" training programme | Speranza Boccafogli (Sinergie)

13:15 | Q&A and conclusion

1st Workshop in France

On the **17th of April 2019**, [UCAM](#) organized the first National Workshop. The event took place in Paris and saw the attendance of 14 participants overall.

2nd Workshop in Portugal (coming soon)

The second National Workshop in Portugal will be organized on the **29th of May**. Stay tuned on MAESTRI social media for more information on the final agenda.



Consortium Meeting in Wroclaw (Poland)

7th MAESTRI Consortium Meeting was held in Wroclaw (Poland) on 9-10 April 2019. The meeting was organized and hosted by [LEIP](#).

During the meeting, Partners had the opportunity to discuss the results achieved until now and do an assessment on the implementation of project pillars.

An internal Workshop was also organized by [IZNAB](#) to let all Participants discuss on MAESTRI Exploitation plan and business model.



7^o CONSORTIUM MEETING IN WROCLAW – POLAND

MAESTRI Final Conference

If you are interested in participating, please click on the following link and fill in the registration form: <https://bit.ly/2TEbVnd>.

The target is mainly constituted by **policy makers, researchers, professionals in the technological and energy field, managers and university students**, but anyone interested in the tackled topics will be welcome. Therefore, if you have any colleague who is interested in participating, please feel free to forward the invitation and disseminate the news among your network of contacts.

Further information on the agenda and the speakers will be made available very soon, so make sure to subscribe to MAESTRI Social Media pages and follow the project's website: <https://maestri-spire.eu/>



MAESTRI
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18
06
19

FINAL CONFERENCE

OEIRAS - TAGUSPARK
Av. Prof. Dr. Cavacao Silva, n. 33
2740-120 Porto Salvo
(PORTUGAL)

GET IN TOUCH WITH US FOR MORE INFO!



Newsletter #6

Project vision

“ *Manufacturing Industries should deliver competitively priced goods and services that satisfy human needs and bring quality of life, by finding progressively smarter and finer trade-offs between business and sustainability concerns.* ”

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[MAESTRI group](https://www.linkedin.com/company/maestri-group)



[@MAESTRI H2020](https://www.youtube.com/channel/UCMAESTRI_H2020)

Project Partners

Coordinator



www.maestri-spire.eu

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 680570. The sole responsibility for the content of this document lies with the authors. It does not necessarily reflect the opinion of the European Union. The European Commission is not responsible for any use that may be made of the information contained therein.

