

OVERVIEW & OBJECTIVES



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 on the one hand and sustainability concerns on the other hand.

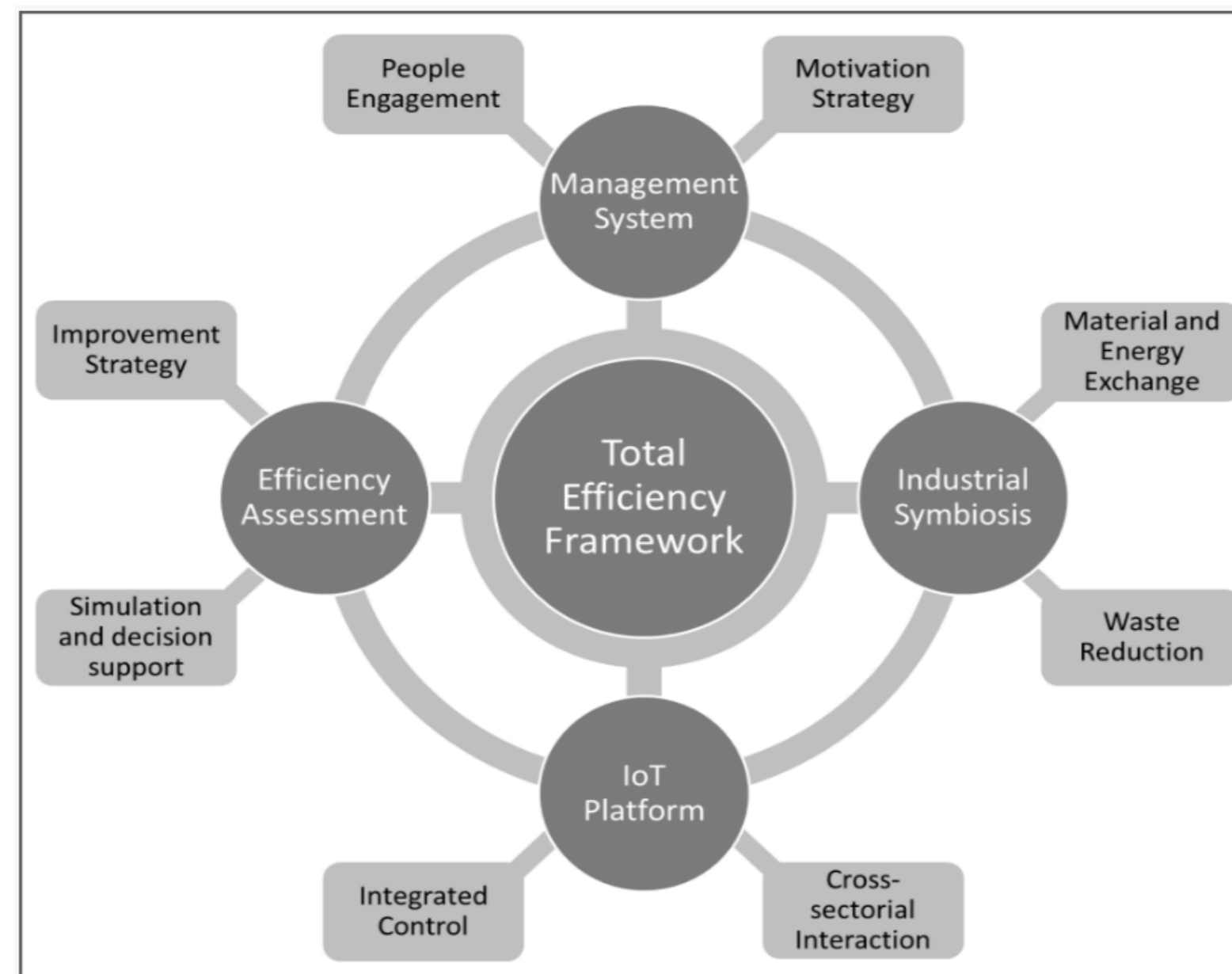


GOALS

MAESTRI project aims to advance the **sustainability of European manufacturing and process industries** by providing a management system in the form of a flexible and scalable platform to promote and simplify the implementation of an innovative approach: **TOTAL EFFICIENCY FRAMEWORK**.

TOTAL EFFICIENCY FRAMEWORK

The overall aim is to promote **improvement culture within process industries** by assisting decision-making process, supporting the development of improvement strategies and helping on the definition of priorities to improve the companies' environmental and economical performance. This approach is based on **4 main pillars**.



1. MANAGEMENT SYSTEM

targeted on process industries, aims at fostering efficiency in firms by focusing on improving employees' engagement.

2. INDUSTRIAL SYMBIOSIS

is integrated in enterprises to address material and energy exchange and reduce waste.

3. IOT PLATFORM

to simplify the concept implementation and ensure an integrated control of improvement processes.

4. EFFICIENCY ASSESSMENT

to define improvement and optimization strategies and support decision making.

4 MAIN PILLARS

PROJECT UPDATES

What has happened until now and what is going on?

- **Preliminary requirements:** scenario analysis and definition of business cases
- **Efficiency Framework:** definition and design of the concept
- **Management System:** organizational challenges, integration in the company strategy and possible improvements
- **Industrial Symbiosis:** challenges & strengths, analysis of case studies, toolkit and user guide for getting started (T4IS)
- **Pilots:** training sessions; implementation of improvement measures & monitoring
- **Exploitation & Sustainability:** application of designed plan, definition of a replication strategy, business modeling and planning



Any further developments?

IoT PLATFORM DEVELOPMENT

- **Platform engineering**
- Interaction human | platform
- Pilot supporting

PILOTS IMPLEMENTATION & VALIDATION

EXPLOITATION & SUSTAINABILITY ACTIONS

COMMUNICATION & DISSEMINATION

- Definition of a strategy to communicate on project results
- Engagement in a dialogue with national stakeholders
- **7th Consortium Meeting in Brussels**
- Organization of **National Workshops** in each partner country
- Organization of **International Conference**
- **Training sessions** with stakeholders

A NEW COMMUNICATION STRATEGY



With the goal to communicate in a more effective way on the developments of MAESTRI project, a structured communication strategy has been implemented ensuring both **constant updates** targeted on the project network and **360 degrees coverage on the web**.



NEWSLETTER

Besides digital communication, from May 2018 a newsletter is sent **every two months** to all involved partners and stakeholders, and also to a network of contacts that will become wider and more international.

WEBSITE

maestri-spire.eu



LINKEDIN

[GROUP](#)



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[@MaestriH2020](#)



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EVENTS & MEETINGS

- **Reggio Emilia (IT), 23 May 2018:** 1st National Workshop to present MAESTRI project to Italian stakeholders: PA, companies and professionals
- **Cambridge (UK), 11-12 April 2018:** 6^o Consortium Meeting to plan all dissemination and exploitation activities for the remaining months.
- **Turin (IT), 10-11 Oct. 2017:** 5^o Consortium Meeting to discuss the status of industrial pilots.