


# DIRECTION 4.0

*Promotion and Development of Industry 4.0 Related Skills*

 Erasmus+ Project N°: 2018-1-FR01-KA201-047889

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**Direction  
4.0**



## TOWARDS PROMOTING INDUSTRY 4.0 SKILLS

*Welcome by Jonathan C. BORG (MECB Ltd)*

Welcome to the first newsletter of the Erasmus+ Project called 'Promotion and Development of Industry 4.0 Related Skills', acronym DIRECTION 4.0. There is no doubt that the 4th Industrial Revolution is bringing with it new opportunities to industrial organisations. At the same time, Industry4.0 is fostering challenges to European citizens that either need to catch-up with relevant skills or for the younger ones to prepare themselves with a skills set relevant for tomorrow's jobs. This newsletter is thus intended to provide information to relevant stakeholders on the activities, outputs and events of the DIRECTION4.0 project.



# Project's Aim & Target Group

## AIM

DIRECTION 4.0 aims at promoting the concept of **Industry 4.0** and related technologies such as robotics, virtual reality and 3D Printing among secondary school students and encouraging them to choose technical careers. This will be achieved by providing teachers with updated didactic materials and researching the 4.0 skills profile.

## TARGET GROUP

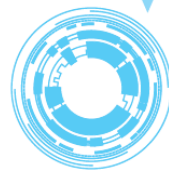
The Erasmus+ DIRECTION 4.0 project is directed at STEM secondary level teachers and their students.

## Project's Results

The three main results expected from this project will be a Compendium on Industry 4.0, a Roadmap leading to a career in Industry 4.0 and a Digital Toolbox for teachers on Industry 4.0.

Work on the English version of the Compendium 4.0 is at an advanced stage and will soon be released for public exploitation. It consists of six chapters, all designed with the intent of providing STEM teachers with a concise source of knowledge on Industry 4.0. The compendium will be shortly available in French, Greek, Italian, Polish and Romanian languages.

01



Compendium  
**4.0**

02



**4.0**  
Career  
Roadmap

03



Space 4.0  
toolbox  
for teachers



Start getting familiar with Industry 4.0 Technology

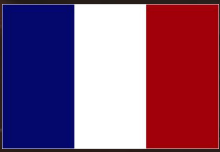
"A robot is a machine, especially one programmable by a computer, capable of carrying out a complex series of actions automatically."

*Wikipedia*

## Why use robots in manufacturing?

- > They can be easily programmed to operate 24x7 on a range of tasks
- > They can handle hazardous materials
- > They are flexible and can do different tasks
- > Robots free manpower to allow human skills to be applied elsewhere

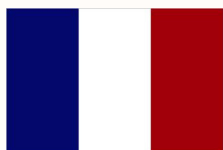
Image Courtesy of Acieta.com



## Kick-off Meeting



The kick-off meeting of the Direction 4.0 project took place at ECAM-EPMI in Cergy Pontoise, France on Friday 20th December 2018. The seven partner organisations were represented for the kick-off meeting, whose main goal was to set targets for the next six months.



[www.ecam-epmi.fr](http://www.ecam-epmi.fr)



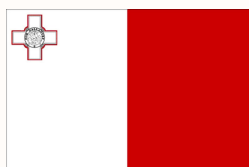
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