

indus makers

**Give the keys to the
industry of the future to
your teams**

**4 innovative and online
training courses**

**We decode the technological and environmental revolutions
in the industry** to enable your teams to meet the challenges
ahead

Our view of the industry's challenges

The technological revolution

Companies must adopt **new modes** of communication, measurement, governance and production, or risk losing competitiveness.

The environmental crisis

Its **impacts** are beginning to affect businesses: energy and water management, raw material supply, etc.

A new performance model

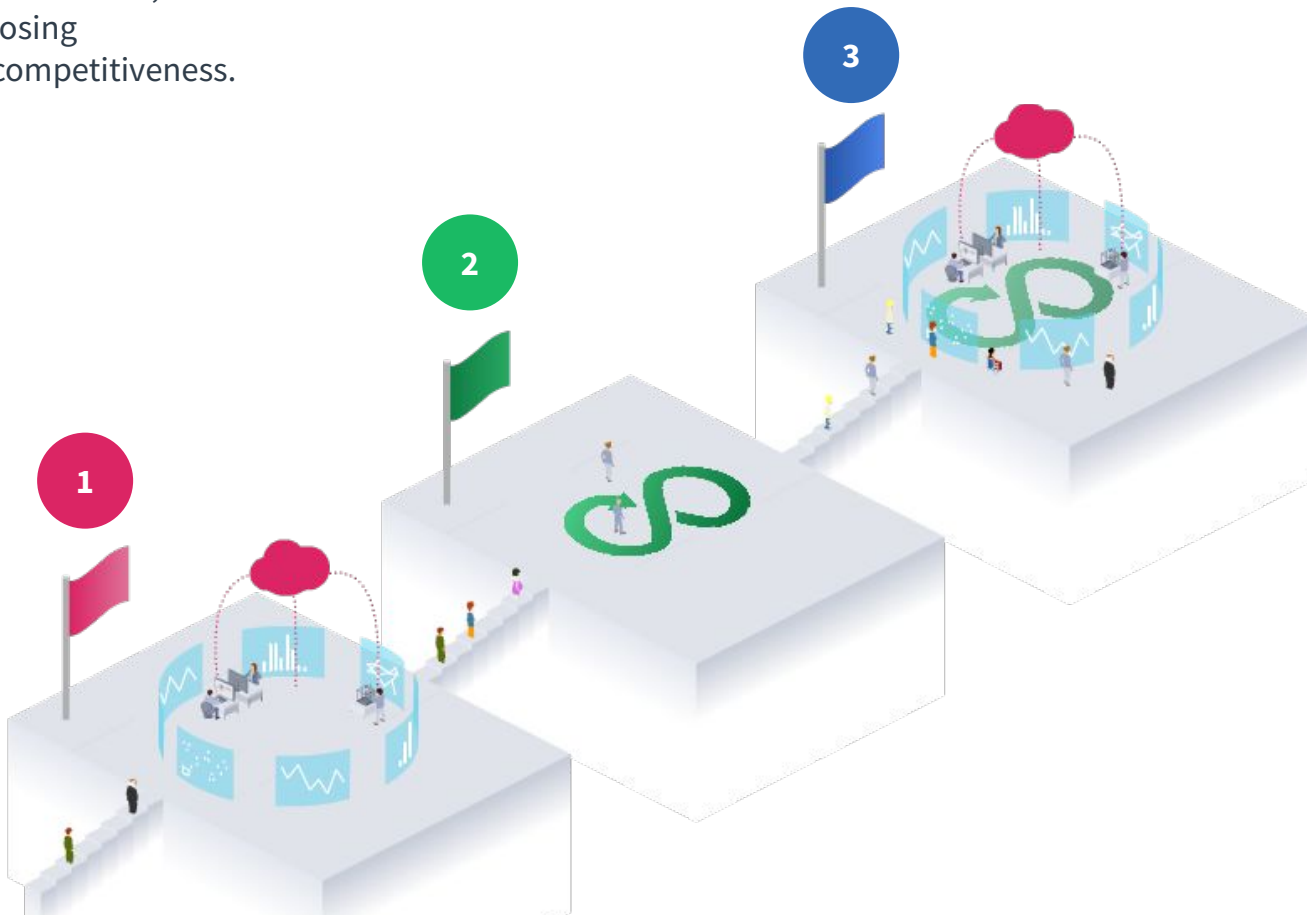
There is no ready-made solution for companies. Each configuration (market, territory, products) requires **an individual solution.**

A 360° view

At indusmakers, we believe that **these individualised solutions will come from your employees.** They are the ones who know your constraints, your products and your market best.

To do this, they need to develop a 360° vision of the issues: to be 'data-driven', to know how to integrate technologies, to develop resilience and to think within global limits.

Trust your people to come up with smart, ingenious solutions for the new world.



Our mission

We **support the industry** in the face of the two challenges it is facing today : **technological and ecological** transformation

Our digital and innovative learning paths allow you to **understand this cultural change**, by presenting **concrete cases and their real costs** in order to **project yourself in transformation projects**.

Designed by industry and educational experts

CEO



Catherine Bonvalot

Engineer, 25 years experience in digital training
Director

Design



Loïc Normand

Engineer and designer, 25 years of experience
Product Designer

AI



Baptiste Amato-Gagnon

AI and industrial quality expert, CEO
Psycle Research

Robotics



Florian Dordain

Robotics expert, CEO
Tesseract Solutions

Legal advice



Florence Boulangé

Data and RGPD specialist, associate lawyer at **Anticipation**

Carbon footprint



Jérôme Cuny

Consultant in ecological redirection,
IDH21 firm

Neuroscience



Dr. Olivier Buchheit

Science and technology researcher,
Sonopraxis

Connected objects



Michaël Oudin

Head of IoT at the **UIMM** Champagne Ardenne **training centre**

Water



Jean-Emmanuel Gilbert

Water Transition Expert, Development Director
Aquassay

VR & AR



Sébastien Beck

Expert in virtualisation for industry, head of **Hyperfiction**

Learning path 1

The environmental challenges

6 training modules (between 5 and 10 minutes each)
1 validation quiz

Description

This course explains the dependence of companies on the services provided by our ecosystem. Water, raw materials, biomass, climate balance: the state of the art in science is synthesised to enable an understanding of the challenges facing companies. The notion of circularity is put forward as a solution to move towards sustainability.

Target audience

Every employee should understand the environmental challenges facing companies, because every action, every activity, has an impact on one of the facets of the environment. We have therefore designed this course for all company employees, regardless of their initial level of knowledge. The course is short, impactful, and clarifies a large number of notions and knowledge related to the environment and corporate sustainability.

45 mn

All levels



Understanding ecosystem services



The water challenge



The challenge around raw materials



The challenge around Living Organisms



The climate challenge



Towards a circular amodel



End quiz

Learning path 2

Sustainable solutions

6 training modules (between 5 and 10 minutes each)
1 validation quiz

Description

This course explores environmental issues for businesses.

It proposes solutions in key areas: responsible digital technology, eco-design, energy efficiency, transports and water transition.

It also proposes new activity indicators towards sustainability.

Target audience

Managers, engineers, technicians, support teams (IT, quality, maintenance).

45 mn

Intermediate level



Digital Responsibility



Ecodesign



Energy efficiency



Soft mobility



Water savings



Sustainability KPIs



End quiz

Learning path 3

Fundamentals of Industry 4.0

7 training modules (between 5 and 10 minutes each)
1 validation quiz

Description

This course enables anyone to understand the challenges of the digital revolution in industry, through concrete examples and figures.

We look at connected objects, data and artificial intelligence, digital twins, additive manufacturing, augmented and virtual reality and business intelligence.

Target audience

Every employee should understand the impact of new technologies on the industry, because every action, every activity, can benefit from their added value. We have therefore designed this course for all employees of the company, whatever their initial level of knowledge. The course is short, impactful, and clarifies a large number of notions and knowledge related to the technological industry.

60 mn

All levels



The digital revolution in industry



Capturing data with connected objects



Exploiting data with artificial intelligence



Simulating a system with the digital twin



Simulating an experience with AR and VR



Developing agility with additive manufacturing



Developing a strategy with Business Intelligence



End quiz

Learning path 4

Industry 4.0 solutions

7 training modules (between 10 and 15 minutes each)
1 validation quiz

Description

This course explores the themes of the industry of the future, describing solutions deployed in key areas: connected objects and maintenance, artificial intelligence in visual quality, robotics in handling, etc.

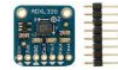
Tips and methods are also shared, such as legal data management, managing a first artificial intelligence project, etc.

Target audience

Any employee likely to implement innovative solutions, whether in maintenance, production or the design office: managers, engineers, technicians, support teams (IT, quality, maintenance), etc.

90 mn

Intermediate level



Connected objects at the service of maintenance



Artificial intelligence for visual quality



Robotics for material handling



Managing data in compliance with legal requirements



Programming a robot yourself



Knowing when to use artificial intelligence



Your first AI-enabled solution

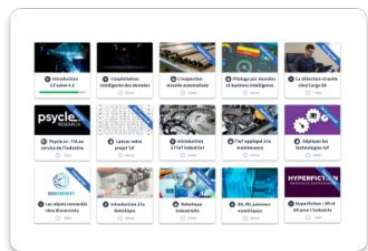


End quiz

A complete digital system to evaluate and train your employees and new recruits



We create user accounts, and generate activity reports



The activities are available on our training platform, or on your own



Indusmakers passport rewards learner success

Effective and concrete teaching methods



A 360° view of problematics



Examples of concrete solutions



Methods for changing the model

“Augmented” option

A refresher course with options :

- **Online seminars** to discuss with an expert on the topic of your choice
- **industarters' workshops** with your teams to go further and launch a transformation project
- Deployment of **communication tools** (teasers, surveys, competitions, etc.)

On request

Tailor-made option

Enhance our upgrades with customised content, tailored to your company:

- Modify our content to personalise it (insert your logo, add **examples related to your company, videos shot in your workshops**)
- Create **new customised content** (new activities, new courses)

On request

Have a question? A demo?

Contact us to discuss your needs

contact@indusmakers.com

More information on our website

<https://indusmakers.com/en/home/>

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