



**INDUSTRIE 4.0
MATURITY CENTER**



Expert Training

Application of the Industrie 4.0 Maturity Index

Expert-Training: Industrie 4.0 Maturity Index

In our training you will learn how to apply the Industrie 4.0 Maturity Index on your own in your organization. We explain all tools and methods by working together on case studies using a manufacturing company as an example.

The expert training is rounded off by theoretical basics, which we convey through lectures and group discussions. Our tool for the application of the Industrie 4.0 Maturity Index is an online platform, which is provided by the Industrie 4.0 Maturity Center*. During the training you will learn first-hand how to use the online platform plus many helpful best practices from the experts of the Industrie 4.0 Maturity Center.

No prior knowledge is required to participate in the expert training. The training takes place live from our studio. This gives you the opportunity to ask us your questions and discuss with the trainers and other participants.

* A separate license must be purchased for the application of the Industrie 4.0 Maturity Index and the use of the online platform in your organization



Agenda of the 2-Day Training

In a 2-day online training course, you will receive practical knowledge for the application of the Industrie 4.0 Maturity Index.

Day 1

08:30 a.m. – 09:30 a.m.

Industrie 4.0: Vision and principles

- Presentation and discussion of the Industrie 4.0 vision

09:30 a.m. – 10:45 a.m.

Overview of the analysis approach and introduction to the case study

- Introduction to the analysis approach and all project modules
- Introduction to the case study „e.Go-Kart“

10:45 a.m. – 13:15 p.m.

Project module „Kick Off“

- Introduction to theory and tools
- Hands-on application
- Presentation of results including feedback
- incl. lunch break

01:15 p.m. – 6:00 p.m.

Project module „Capability analysis“ I/II

- Introduction to the online platform
- Introduction to theory and tools
- Hands-on application part 1

Day 2

08:30 a.m. – 11:00 a.m.

Project Module „Capability Analysis“ II/II

- Hands-on application part 2
- Preparation of the results
- Presentation of the results incl. feedback round

11:00 a.m. – 4:45 p.m.

Project module „Roadmap development

- Introduction to theory and tools
- Hands-on application
- Preparation of the results
- Presentation of the results incl. feedback round
- incl. lunch break

4:45 p.m. – 5:00 p.m.

Final round and award of certificates

Dates

- 2. + 3. March 2021
- 8. + 9. June 2021
- 7. + 8. September 2021
- 7. + 8. December 2021

Online Platform of the Industrie 4.0 Maturity Centers

The platform provides access to the latest version of the Industrie 4.0 Maturity Index and enables companies to carry out Industrie 4.0 Maturity Index projects on their own:

- Access the latest questionnaire in German and English.
- Manage all projects conveniently in one place.
- Perform on-site analyses together as a team.
- Generate and download reports automatically.

The screenshot displays the 'Aachen - Demo Factory' online platform interface. The top navigation bar includes 'VIEW: Assessment', 'Ideas', 'Details', 'Analysis', 'Consolidation', 'Preparation', and 'Published'. The 'ASSESSMENT PROGRESS' section shows 'ASSESSMENTS / AACHEN / ASSESSMENT / 12.03.2020 / ANALYSIS'. The main content area is divided into three sections: 'Processes', 'Capabilities', and 'Question'.

Processes: A list of processes including 'Production' (selected), 'Maintenance', and 'Logistics'.

Capabilities: A list of capabilities with checkboxes indicating their status:

- ☒ Data analytics
- ☒ Identification of material
- ☐ Identification of tools
- ☒ Interdisciplinary skills of employees
- ☐ Human-machine collaboration
- ☒ Factory structure
- ☒ Communication interface: Human/Human
- ☒ Provision of information
- ☐ Available information/information offering
- ☒ Data volume

Question: A question is displayed: 'Are data analysis methods being used to support decision-making within processes?'. The question is categorized under 'Structuring Force: information systems' and 'Principle: information processing'. The answer is 'The use of descriptive statistics methods within processes is standard practice. Data analysis is performed manually based on actual and historical data.'.

The interface also includes a 'Consolidate Assessment' button in the top right corner and a 'Question' search bar.

Expert Online Training at a Glance

Content

- 2-day online training at the RWTH Aachen Campus with the following contents:
 - Introduction to all tools for using the Industrie 4.0 Maturity Index.
 - Learn the methodology for conducting Industrie 4.0 maturity studies on your own using the Industrie 4.0 Maturity Index approach.
 - Application of the tools and methods in practical case studies

Net price per participant: 2,000,- €

Price plus the legally applicable value added tax. The invoice is issued after registration for the training, the payment term is 14 days without deduction after receipt of invoice.



Organization

Dates:

- 2. + 3. March 2021
- 8. + 9. June 2021
- 7. + 8. September 2021
- 7. + 8. December 2021

Organizer:

i4.OMC – Industrie 4.0 Maturity Center
GmbH
Campus-Boulevard 55
52074 Aachen, Germany

Venue:

Online from i4.OMC studio
at RWTH Aachen Campus



Your Contact

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Anwendung des Industrie 4.0 Maturity Index
Wie man den aktuellen Stand bewertet und eine priorisierte Roadmap ableitet

Ergebnisse eines typischen Industrie 4.0-Roadmap-Projekts (3 Wochen)

1 Definition des Potentials und der Ziele
Absehtzung des gesamten Einsparpotentials basierend auf Bilanzsumme
Spezifizierung der Ziele und Anforderungen der geprüften Werke.

2 Bewertung Status-quo
Unterstützung einer Online-Plattform und standardisierter Werkzeuge
Analyse des aktuellen Stands aller wichtigen Prozesse

3 Erstellung der Roadmap
Projektbeschreibungen
Individuelle Fahrpläne basierend auf dem aktuellen Status und abgestimmt auf strategische Ziele

4 Erweiterung und Implementierung
Wirtschaftliche Bewertung
Benchmark, Beste Praxis und Unterstützung bei der Implementierung

i4.OMC – Industrie 4.0 Maturity Center GmbH | RWTH Aachen Campus

General Terms and Conditions

Conditions of participation: I have taken note of and accept the conditions of participation, fees and all other information in the brochure and website. Invoicing conditions: Payment will be made by advance payment after the invoice has been issued. The amount is payable without deduction within 14 days of the invoice date.

Cancellation policy: I can nominate a substitute participant at any time up to the beginning of the event. No fee is charged for this change. Cancellations must be made in writing, by fax or by e-mail. If a registration is cancelled before the event begins, a processing fee of 50% of the participation fee will be charged. If a cancellation is received by the organizer later than two weeks before the start of the event, the full participation fee must be paid.

Note on fees: I have taken note that the prices stated here are net prices and that the statutory value added tax is also payable. Electronic data processing: I have noted that the participant data is stored electronically and processed automatically.

Attendee directory: I have taken note that all participants will receive a list of participants with the names of the participants, including the names of the associated company. Contact data such as addresses and telephone numbers will not be passed on or published by the organizer.

Photo usage: I agree that photos of the event on which I am photographed may be published for print media, in online web presences of the organizer, on data carriers, on TV and for advertising purposes.

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INDUSTRIE 4.0
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Expert Training – Industrie 4.0 Maturity Index

Registration

Online from i4.0MC studio at RWTH Aachen Campus

I hereby register bindingly for participation in the Expert Training.

☐ 2. + 3. March 2021

☐ 8. + 9. June 2021

☐ 7. + 8. September 2021

☐ 7. + 8. December 2021

Participation fees: 2,000 € | All prices plus VAT

Name*	First name*	Title
<hr/>		
Company*	Department	
<hr/>		
Street / P.O. Box*	Postcode / City*	Country
<hr/>		
Phone*	Fax	E-mail*
<hr/>		
Signature*	Date*	

Other participants of the above mentioned company:

Name*	First name*	Title
<hr/>		
Name*	First name*	Title
<hr/>		
Name*	First name*	Title

*Data required

Please complete and return by post to i4.0MC - Industrie 4.0 Maturity Center GmbH, Campus-Boulevard 55, 52074 Aachen, Germany, by fax to +49 241 412522-99 or by e-mail to info@i40mc.de.

I agree that my name and my business address may be included in the list of participants and may be processed and stored by computer for the purposes of event organisation. Data protection information: Your data will be used for the postal submission of similar

offers are used (see Terms and Conditions). Please send me event information: ☐ also by e-mail ☐ only by e-mail

You can object to the use of your data for the purpose of advertising by post or by e-mail at any time. I have read the general terms and conditions and hereby accept them.

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