

INCA ACADEMY

Target Group: Explorer

Acceleration Stream

Get up to speed with your skills



TRAINING PORTFOLIO

Training Effort		Skill Level	
3-5 DAYS		Level 3: Qualification for new Roles	
1-2 DAY(S)		Level 2: Qualification for new Tasks & Responsibilities	
1-2 HOUR(S)		Level 1: Relevant Insights into Current Topics & Trends	

		Focus Areas								
		Technology & Innovation Management	New Products & Ventures	Sustainability	Artificial Intelligence	Industry 4.0				
Target Group related Stream	Acceleration Stream	Explorer	Technology & Innovation Management Essentials		Artificial Intelligence Essentials		Industry 4.0 Essentials			
					Sustainability Regulations Insight	Explainable AI Insight				
					Circular Economy Insight	Ethical AI Insight		Digital Twin Insight		
	Management Stream	CxO	CxO-Retreat: Leading to an intelligent & sustainable future							
		Director	Chief Innovation Director						Digital Transformation & Scaling	
		Manager	Chief Technology Manager	Corporate Venture Manager	Chief Sustainability Manager	Chief Data-Driven Business Manager	Chief Digital Operations Manager			
	Technology Stream	Expert			Hydrogen Economy		Data Governance	Data Strategy Manager	Flexible Digital Production	Digital Supply Chain & Integrated Planning
		Specialist					Machine Learning Specialist		Digital Twin Implementation	Industry 4.0 Specialist

TECHNOLOGY & INNOVATION MANAGEMENT ESSENTIALS

Level 2: Qualifications for new Tasks & Responsibilities

Technology & Innovation Management

Target Group Explorer

ABOUT THIS TRAINING:

The technology and innovation management essential teaches you the fundamentals of how successfully implement innovations from idea to go-to-market. You will learn why innovations are so crucial for the company's growth and competitive advantage. We will navigate you through the most important strategic frameworks, organizational structures, methodologies, and roles to enable the successful implementation of innovations.

WHY THIS TRAINING IS FOR YOU:

You want to be able to understand the art of innovation. You want to gain a quick understanding what are the most crucial levers to successfully drive innovations. You are interested in how to organize and manage innovation units and ecosystems practically. You want to gain insights into best practice methodologies and organizations to navigate and prioritize your innovation work in a modern and meaningful way.

TRAINING GOAL:

After the training participants understand the language of technology and innovation management. They have gained an overview of the most crucial and modern innovation drivers from a strategic, organizational, methodological, and cultural point of view.

LEARN MORE ABOUT:

- ✓ Why innovations are crucial for company's growth and existence
- ✓ What are the most crucial levers to organize and manage your innovation work
- ✓ How to apply best practice approaches to your company to create an innovation framework and ecosystem which enable great innovations with impact
- ✓ Understand the steps in innovation process from selecting the most promising ideas over developing products and markets successfully to implementing innovations with impact

OUR PARTNERS:



INC
INVENTION
CENTER



Fraunhofer
IPT



DURATION

1 DAY



FORMAT

VIDEO ON DEMAND



LANGUAGES



PRICING

495.00 €
price without VAT

SUSTAINABILITY REGULATIONS INSIGHTS

Level 1: Relevant Insights
into Current Topics & Trends

Sustainability

Target Group
Explorer

ABOUT THIS TRAINING:

Do you know your exact Carbon Footprint per product or service? If not, someone will guess it for you and you might be charged based upon it! Sustainability regulations are certainly not new – CO2 compensation acts are effective for decades. But not all industries and companies have been evenly affected. With the Supply Chain Act and the Carbon Border Adjustment Mechanism (CBAM), just to name a few, the situation will drastically change and almost every company will be required to be compliant to certain regulations from 2023 and onward. Especially globally active companies sometimes lose track on quickly changing regulations around the globe – with us you stay up to date on latest developments, are prepared for the challenges ahead and avoid negative impacts on your business.

WHY THIS TRAINING IS FOR YOU:

The SUSTAINABILITY REGULATIONS training is aimed at business responsables and regulatory compliance experts from technology-oriented companies, particularly from supply chain, production and product design, who want to learn, which regulations are arising 2023 onwards with regards sustainability and how your company can prepare itself.

TRAINING GOAL:

A business that ran perfectly fine yesterday might become completely uneconomical under new regulations regarding carbon emissions or circularity. We want to prepare you for unprecedented changes in the legal framework of sustainability and show you how to prepare your company and your business for undespitable necessary change. In doing so, we will elaborate the impact of regulations on your business and propose effective norms and standards as possible guidelines for you.

OUR PARTNERS:



DURATION

2 HOURS



FORMAT

VIDEO ON DEMAND



LANGUAGES



PRICING

95.00 €
price without VAT

LEARN MORE ABOUT:

- ✓ Stay up to date with all sustainability regulations and adaptation around the globe:
 - ✓ European Green Deal
 - ✓ Supply Chain Act
 - ✓ Emissions Trading
 - ✓ Etc.
- ✓ Learn about potential impacts on your business and how to be prepared
- ✓ Get an overview of relevant norms and standards as possible guidelines

CIRCULAR ECONOMY INSIGHTS

Level 1: Relevant Insights
into Current Topics & Trends

Sustainability

Target Group
Explorer

ABOUT THIS TRAINING:

Circular Economy is a buzzword – but only very few industries and applications really have reached full circularity. In many industries however the idea of one-directional material flow prevails due to mostly economic reasons. The idea is that circularity requires additional effort and reduces profitability. We want to show examples from several industries and good practices, how improved product design, new business models or changes of materials have led to circular solutions. Change lies in the acceptance that not only production but also design and consumption need to change. We show you how!

WHY THIS TRAINING IS FOR YOU:

The CIRCULAR ECONOMY training is aimed at sustainability responsables and managers from technology-oriented companies, particularly from research and development, technology and innovation management and product design, who want to learn, how other industries adopted the way towards circularity.

TRAINING GOAL:

From an ecological perspective, being less bad or harmful to the environment does not mean being good after all. With this training we want to show you that the way to change requires new ways of thinking – from product and service design over production to the overall business model. Numerous examples from various industries should inspire you, that circularity is impossible without collaboration and only achievable by thinking across industries – but it is definitely possible!

OUR PARTNERS:



DURATION

2 HOURS



FORMAT

VIDEO ON DEMAND



LANGUAGES



PRICING

95.00 €
price without VAT

LEARN MORE ABOUT:

- ✓ Introduction to key paradigms of reuse, reduce, repair, remanufacture & recycle
- ✓ Successful Practices for circularity across industries
- ✓ Inspiring examples on how to set up circular material and energy networks
- ✓ New business models supported by circular thinking
- ✓ Impact of product and service design on circularity

ARTIFICIAL INTELLIGENCE ESSENTIALS

Level 2: Qualifications for new Tasks & Responsibilities

Artificial Intelligence

Target Group Explorer

ABOUT THIS TRAINING:

The ARTIFICIAL INTELLIGENCE ESSENTIALS training teaches fundamental concepts of Artificial Intelligence: from insights into successful AI use cases to explanations and demystification of the technology and the added value behind AI-based solutions.

WHY THIS TRAINING IS FOR YOU:

The ARTIFICIAL INTELLIGENCE ESSENTIALS training is aimed at AI beginners who want to gain a common understanding of the most important terms related to artificial intelligence and receive initial recommendations on how to approach AI projects. Additionally, this course is for explorers who are interested in learning a common understanding of AI and to reduce fears in their own environment.

TRAINING GOAL:

After this training, the participants will understand the value drivers and performance of AI solutions. The participant will gain insight into the technological background of basic AI concepts and have methodological knowledge to introduce and set up an AI project.

LEARN MORE ABOUT:

- ✓ Definition of AI & distinguishing between AI and not-AI solutions
- ✓ AI value drivers
- ✓ Current best practices and industrial use cases
- ✓ Anatomy of AI applications, Domain Knowledge, Black Box, White Box, Explainable AI, Data Value
- ✓ Evaluating whether AI is ready for the challenge (maturity, feasibility)
- ✓ Setting up an AI Project
- ✓ Building Blocks of AI
- ✓ Potential Partner Landscape

OUR PARTNERS:



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IIS



DURATION

1 DAY



FORMAT

VIDEO ON DEMAND



LANGUAGES



PRICING

495.00 €
price without VAT

EXPLAINABLE AI INSIGHTS

Level 1: Relevant Insights
into Current Topics & Trends

Artificial Intelligence

Target Group
Explorer

ABOUT THIS TRAINING:

The EXPLAINABLE AI INSIGHT training provides a basic dive into the buzzword of explainable AI. The participants learn about the drivers and challenges of explainability and gain an overview of the most important methods on how to successfully implement XAI depending on the objective. Additionally, this training will answer the question why XAI is so important but above all why it is so difficult regarding the trade-off between explainability and performance.

WHY THIS TRAINING IS FOR YOU:

This EXPLAINABLE AI INSIGHT training is for technology experts looking for learning about the basics of explainable AI and how to approach it. This course is also relevant for technology-affine management level who want to understand the potential of explainable AI and if it is relevant for own business.

TRAINING GOAL:

After this training, the participants will have understood the motivation and drivers of explainability. The participants will also gain insights into how to approach explainability to understand when and how to use different models of explainability.

LEARN MORE ABOUT:

- ✓ Explainable AI
- ✓ Drivers & Challenges of XAI
- ✓ XAI Methods
- ✓ Partial Dependence Plot
- ✓ Feature Importance
- ✓ Surrogate Models
- ✓ LIME
- ✓ Shapley Values

OUR PARTNERS:



DURATION

2 HOURS



FORMAT

VIDEO ON DEMAND



LANGUAGES



PRICING

95.00 €
price without VAT

ETHICAL AI INSIGHTS

Level 1: Relevant Insights
into Current Topics & Trends

Artificial Intelligence

Target Group
Explorer

ABOUT THIS TRAINING:

The ETHICAL AI INSIGHT training introduces the main ethical challenges and issues revolving around artificial intelligence applications. The course also provides guidelines on how to approach AI projects ethically and gives an overview of regulatory measures that are currently underway to ensure the responsible use of AI.

WHY THIS TRAINING IS FOR YOU:

The ETHICAL AI INSIGHT training is meant for AI beginners, as well as advanced users/developers of AI since it highlights the main aspects of developing not only successful and value-adding AI solutions, but also solutions that comply with ethical and regulatory requirements.

TRAINING GOAL:

After this training, the participants will have understood the ethical ramifications of AI in today's societies and how to approach and reduce the issues created through non-ethical AI solutions.

OUR PARTNERS:



LEARN MORE ABOUT:

- ✓ Ethics in AI
- ✓ Bias
- ✓ Ethical AI Workflow
- ✓ Legal Framework of AI
- ✓ Future Compliance



DURATION

2 HOURS



FORMAT

VIDEO ON DEMAND



LANGUAGES



PRICING

95.00 €
price without VAT

INDUSTRY 4.0 ESSENTIALS

Level 2: Qualifications for new Tasks & Responsibilities

Industry 4.0

Target Group Explorer

ABOUT THIS TRAINING:

The training Introduction to Industry 4.0 Explorer provides a comprehensive overview of the topic of Industry 4.0 and the relevant building blocks – from highlighting the vision and the competitive advantage to a step-by-step transformation approach and fields of application across all departments and processes.

WHY THIS TRAINING IS FOR YOU:

The training addresses leaders, decision-makers and specialists who want to gain a common understanding of the most important terms, concepts and developments related to Industry 4.0 and receive initial recommendations on how to approach the topic.

TRAINING GOAL:

After the training you will understand the essence and major paradigms of Industry 4.0 and the key value drivers and levers for your business. Furthermore, we create a general understanding of enabling technologies and application areas, to help you identify and prioritize value-added I4.0 applications.

OUR PARTNERS:



LEARN MORE ABOUT:

- ✓ Essence of Industry 4.0
- ✓ Key value drivers
- ✓ Development of Industry 4.0
- ✓ Acatech Industry 4.0 maturity stages
- ✓ Digital lean
- ✓ Basic enabling technologies
- ✓ Applications across the value chain



DURATION

1 DAY



FORMAT


ON SITE



LANGUAGES



DATE & PLACE

24.04.2023 
Aachen
10.10.2023 
Munich



PRICING

900.00 €
price without VAT

DIGITAL TWIN INSIGHTS

Level 1: Relevant Insights
into Current Topics & Trends

Industry 4.0

Target Group
Explorer

ABOUT THIS TRAINING:

The Digital Twin is an Industry 4.0 concept from the first hours of the hype. In recent years, more companies have moved closer to actually implementing this concept – at least partially – and thereby departing from individual island solutions in Industry 4.0.

However, not everything which is called a Digital Twin is remotely close to one and will fulfil the major promises this technology gives: namely being able to quickly see the effect of a change or event, and being able to react in a quick and good way. We show you what really matters for you and which way to the Digital Twin is the right one for you to pursue.

WHY THIS TRAINING IS FOR YOU:

The DIGITAL TWIN Insights training is aimed at managers wanting to understand what the hype about Digital Twins means for them, and whether it is the right time for them to approach this subject.

TRAINING GOAL:

Understanding the benefits and challenges in implementation of a Digital Twin is key for steering a successful project. This training shows basic insights as to what a successful Digital Twin can do, what the challenges on the way there are, and what intermediate steps there are which can already be taken without fulfilling all infrastructure prerequisites for a full Digital Twin.

LEARN MORE ABOUT:

- ✓ Introduction to key paradigms and benefits of Digital Twins
- ✓ Successful Practices of Digital Twins at various maturity steps
- ✓ Challenges in implementation and how to overcome them from a managerial perspective
- ✓ Requirements for embarking on successful Digital Twin implementations

OUR PARTNERS:



DURATION

2 HOURS



FORMAT

VIDEO ON DEMAND



LANGUAGES



PRICING

95.00 €
price without VAT

CONTACT US



Anne Loos

Executive Director BU AI

INC Invention Center

anne.loos@invention-center.de

Phone +49 160 966 006 13



Kimberly Zimmermann

Senior BD Specialist

INC Invention Center

kimberly.zimmermann@invention-center.de

Phone +49 160 944 888 32