INCACADEMY
Your individual learning journey
through the world of technology-driven innovations.

INC INVENTION CENTER

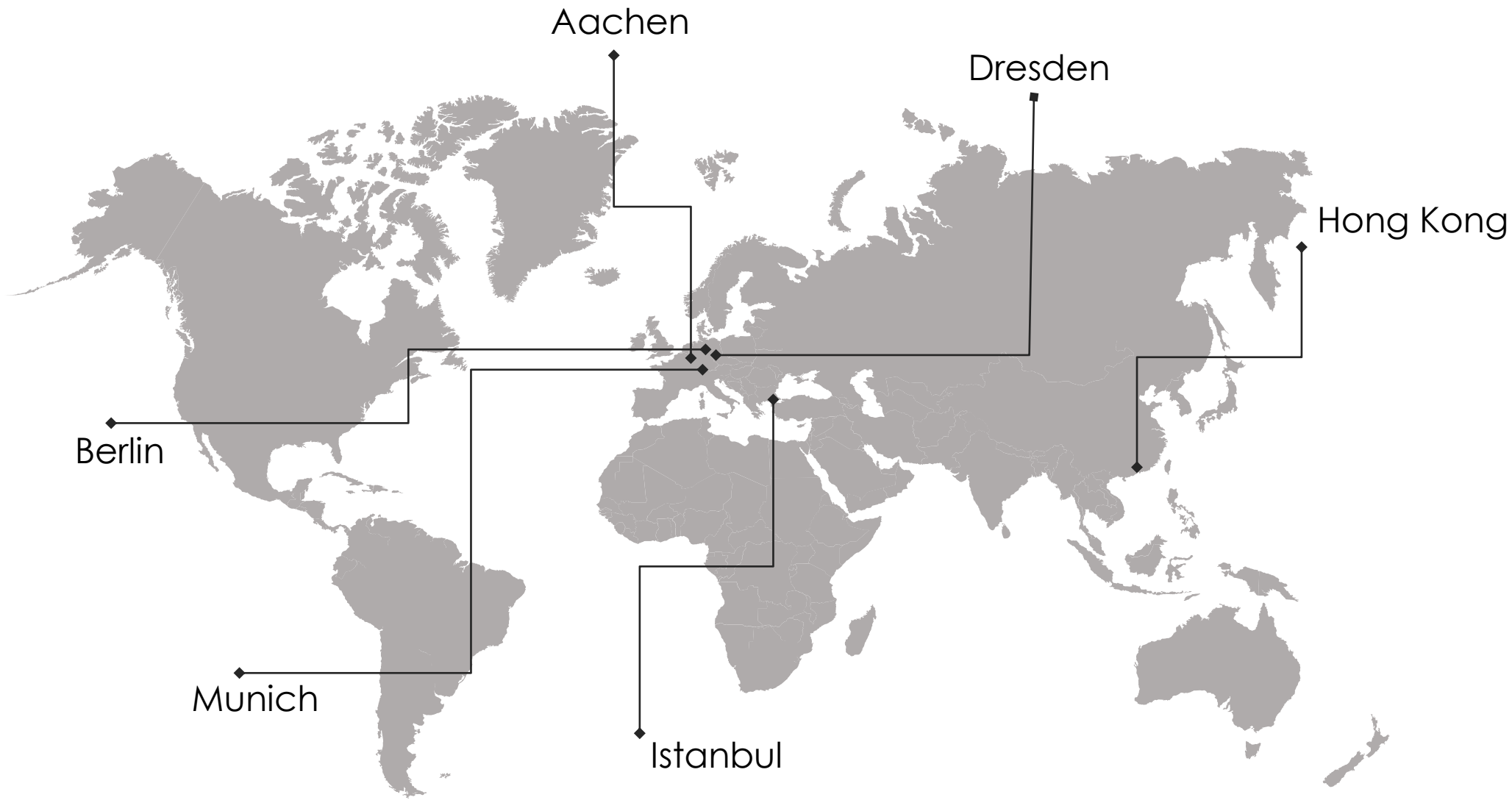
The One-Stop-Shop for Technology-Driven Innovations

Our INC image video
https://bit.ly/welcome-2-the-INC-2022

The INC Invention Center is your one-stop-shop for the development and implementation of technology-driven innovations. From our six locations worldwide, our experts supports a wide range of projects from the initial idea, through validation, testing and piloting, to implementation in concrete products and services. More than 450 satisfied customers have already been convinced by our cutting-edge methods, consulting, training and implementation services as well as company building expertise. And a very important component for the successful implementation of innovations is the development of capabilities within the company, and that is why we have established the INC Academy.

INC INVENTION CENTER

Our Six Locations Worldwide



INC ACADEMY

Your individual learning journey through the world of technology-driven innovations

The INC Academy connects companies, trainers and partners around the world. Based on years of practical experience of our speakers in the fields of technology and innovation management, digital transformation, industry 4.0, artificial intelligence, sustainability and product development, the goal of the INC Academy is to empower people through practically proven knowledge and to make new technologies accessible for business success.

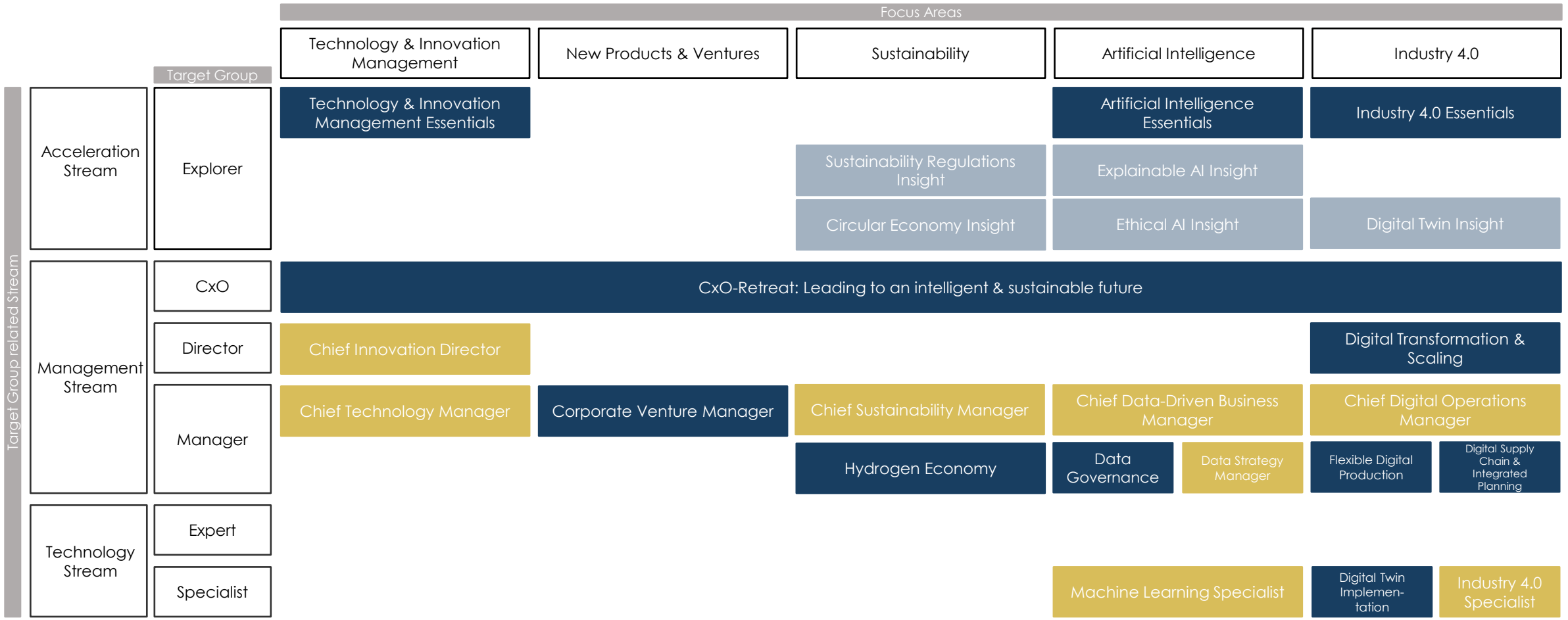
With trainings that exactly match your current level of knowledge, we support you in leveraging the potentials in your company, in learning successful methodologies for identifying promising use cases and in building new, data-driven business models on top of them, or in being able to apply the most suitable procedures for building innovation hubs, digital products or own ventures.

We take care that you are prepared for challenging tasks regarding the implementation of successful technology-based innovations and that you are able to explore, evaluate and apply various leading-edge technologies to ensure the competitiveness of your company.
We are looking forward to the journey together!

TRAINING PORTFOLIO

INCACADEMY

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



GUIDE THROUGH THE ACADEMY

Three different selection opportunities to find the right training for you

INC ACADEMY

Focus Areas

Technology & Innovation Management

New Products & Ventures

Sustainability

Artificial Intelligence

Industry 4.0

Target Group related Streams

Explorer:
Acceleration Stream

Manager, Director & CxO:
Management Stream

Specialist & Experts:
Technology Stream

Skill Levels

Level 1:
Relevant Insights into Current Topics & Trends

Level 2:
Qualification for new Tasks & Responsibilities

Level 3:
Qualification for new Roles

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Level 1:
Relevant Insights into Current Topics & Trends

Level 2:
Qualification for new Tasks & Responsibilities

Level 3:
Qualification for new Roles

FOCUS AREAS

Empowering people with the skills they need to create and sustain a transformative impact

Focus Area 1

Technology & Innovation Management

The ability to identify, develop and implement innovations differentiates successful companies from the others. A diligent and modern technology and innovation management drives future growth and competitive advantage to leap one step ahead.

Focus Area 2

New Products & Ventures

Innovation is 1% inspiration and 99% perspiration: It's not about ideas and great technologies. It's about making ideas happen and bringing them to market. The art of innovation is the ability to implement with speed and impact. Amazing teams with unfair advantage successfully implement products and services.

Focus Area 3

Sustainability

Overcome the dichotomy between profitability and sustainability by learning how to systematically prioritize your most impactful sustainability levers. We guide you towards a professional sustainability management in order to address increasing awareness and sustainability regulations.

Focus Area 4

Artificial Intelligence

Data is the new oil. To be ready for the data-driven future, strategic cornerstones need to be prepared and promising data-related use cases must be implemented in a scalable manner. For this AI offers a powerful toolset to optimize processes, reduce waste and develop new digital products and services.

Focus Area 5

Industry 4.0

The digital transformation of industry offers major potential. To do it right, a proper strategic approach, infrastructure design, and development of the skills and mindset of the people and organization are needed to achieve transformative goals, not just local optimization.

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Three different selection opportunities to find the right training for you

INC ACADEMY

Focus Areas

Technology & Innovation Management

New Products & Ventures

Sustainability

Artificial Intelligence

Industry 4.0

Target Group related Streams

Explorer:
Acceleration Stream

Manager, Director & CxO:
Management Stream

Specialist & Experts:
Technology Stream

Skill Levels

Level 1:
Relevant Insights into Current Topics & Trends

Level 2:
Qualification for new Tasks & Responsibilities

Level 3:
Qualification for new Roles

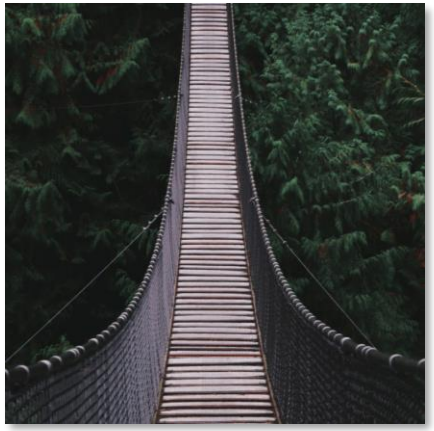
TARGET GROUP RELATED STREAMS

Empowering people with the skills they need to create and sustain a transformative impact

Stream 1

Acceleration Stream

Within the Acceleration Stream training participants receive the opportunity to get access to leading-edge technologies and innovative insights, compact content on current trend topics, and essentials – required basics – on the individual focus areas.



Stream 2

Management Stream

Our Management Stream provides general and comprehensive trainings for managers, directors and CxO in our selected focus areas. Depending on the format, training can prepare for future tasks and responsibilities as well as provide the necessary knowledge for new roles.

Stream 3

Technology Stream

Our Technology Stream specifically addresses technologists who want to develop further in our focus areas. There are offers for newcomers who want to become specialists, as well as for experienced tech employees who want to achieve expert status in selected areas.

GUIDE THROUGH THE ACADEMY

Three different selection opportunities to find the right training for you

INC ACADEMY

Focus Areas

Technology & Innovation Management

New Products & Ventures

Sustainability

Artificial Intelligence

Industry 4.0

Target Group related Streams

Explorer:
Acceleration Stream

Manager, Director & CxO:
Management Stream

Specialist & Experts:
Technology Stream

Skill Levels

Level 1:
Relevant Insights into Current Topics & Trends

Level 2:
Qualification for new Tasks & Responsibilities

Level 3:
Qualification for new Roles

SKILL LEVELS

Empowering people with the skills they need to create and sustain a transformative impact

Level 1

Experience the most important information on current topics and trends in a compact setting of **up to 2 hours** online-course duration. No matter if you want to learn more about new developments in your core business or if you want to think outside the box, our Insights enable you to do so based on our market and technology experiences.

Level 2

Taking on new tasks or responsibilities requires dedicated understanding of new topics. In order to get a good overview of these innovation and technology fields and to get to know new methodologies and approaches, we offer you practice-proven basic knowledge in **1-2 day training formats**.

Level 3

Preparing for the next career step or building on existing expertise in order to fill the current role more effectively requires intensive training formats. In addition to theoretical training content, interaction, exercises and transferability to your own job context are particularly important. This is made possible in **3-5 day certificate courses**.

TRAINING PORTFOLIO

INCACADEMY

Training Effort	Skill Level
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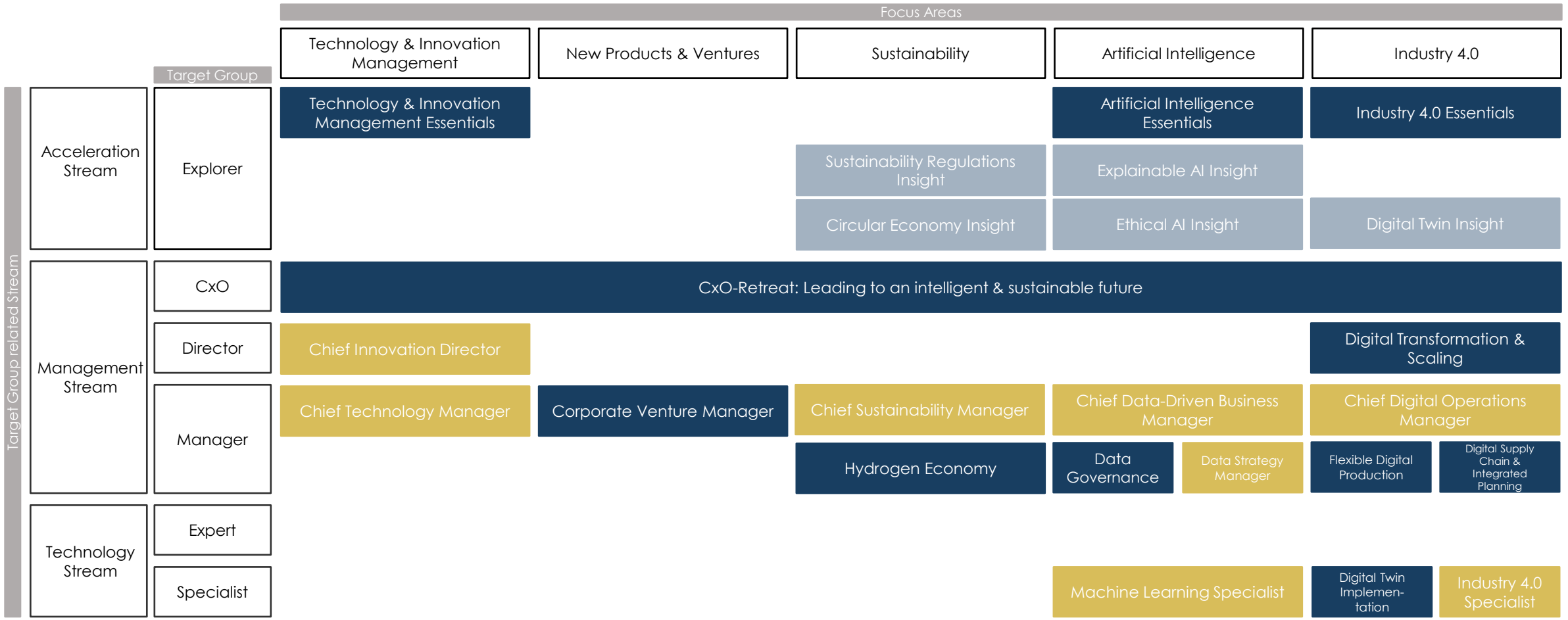

INC ACADEMY

Target Group: Explorer

Acceleration Stream

Get up to speed with your skills

TECHNOLOGY & INNOVATION MANAGEMENT ESSENTIALS

INC ACADEMY

Back to Portfolio

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

INC ACADEMY

Back to Portfolio

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 loose 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 responsibles 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:

INC INVENTION CENTER

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

DURATION
2 HOURS

FORMAT
VIDEO ON DEMAND

LANGUAGES

PRICING
95.00 €
price without VAT

CIRCULAR ECONOMY INSIGHTS

INC ACADEMY

Back to Portfolio

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 responsibles 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:

INC INVENTION CENTER

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

DURATION
2 HOURS

FORMAT
VIDEO ON DEMAND

LANGUAGES

PRICING
95.00 €
price without VAT

ARTIFICIAL INTELLIGENCE ESSENTIALS

INC ACADEMY

Back to Portfolio

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:

INC INVENTION CENTER

Fraunhofer IIS

DURATION

1 DAY

FORMAT

VIDEO ON DEMAND

LANGUAGES

PRICING

495.00 €
price without VAT

EXPLAINABLE AI INSIGHTS

INC ACADEMY

Back to Portfolio

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.

OUR PARTNERS:

INC INVENTION CENTER

LEARN MORE ABOUT:

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

DURATION

2 HOURS

FORMAT

VIDEO ON DEMAND

LANGUAGES

PRICING

95.00 €
price without VAT

ETHICAL AI INSIGHTS

INC ACADEMY

Back to Portfolio

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:

INC INVENTION CENTER

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

INC ACADEMY

Back to Portfolio

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:

INC INVENTION CENTER

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

INC ACADEMY

Back to Portfolio

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 DIGTIAL 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.

OUR PARTNERS:

INC INVENTION CENTER

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

DURATION

2 HOURS

FORMAT

VIDEO ON DEMAND

LANGUAGES

PRICING

95.00 €
price without VAT

INC ACADEMY

Target Group: Manager, Director & CxO

Management Stream

Take a deep dive towards strategic specialization

CxO-Retreat:
LEADING TO AN INTELLIGENT & SUSTAINABLE FUTURE

INC ACADEMY

Back to Portfolio

Vision building workshop with Impulses and Exchange | Strategic Management and Vision in the context of current trends | Target Group CxO

ABOUT THIS RETREAT:

Disruptive changes in technologies and the business environment have become the new normal – for at least the last 3 years the pace has increased more and more. Continuing as before is not an option as global situations and priorities change.
While this is a challenge for many current businesses in the face of new situations, the technologies emerging from these disruptions – even stronger digitalization, new frontiers in artificial intelligence, new energy systems becoming economically efficient, etc. – are also presenting unique opportunities to those with a clear future-driven vision and stringent execution, which requires challenging established truths and ways of doing business. The ones with a drive to leverage new business model potentials in the best way and using partnerships to speed up as much as possible will be the ones succeeding in this journey.

WHY THIS RETREAT IS FOR YOU:

As a strategic and visionary leader, your goal is to position your company to gain the most opportunity in the changing business and technology landscape. In this retreat, you will learn about the implications and opportunities of these trends, co-ideate with your peers in developing scenarios for which you need to prepare, and find partners for driving this vision forward to execution.

RETREAT GOAL:

Based on impulses and best-practices of selected experts and top-class speaker in relevant trends, CxOs will create scenarios for the discussed technology trends on the basis of their business context, and build execution strategies while interacting with their peers on developing an execution strategy for achieving a high speed in innovation for future trends and business environments

OUR PARTNERS:

INC INVENTION CENTER

LEARN MORE ABOUT:

- ✓ Current and future trends in technology, market, regulation and society having a strong impact on business models and giving opportunities to react to disruptive environment changes
- ✓ Scenarios for expected and possible future developments and how to prepare for them
- ✓ Execution strategies to become high-speed innovators to thrive in the new environment
- ✓ Discussions and exchanges with peers to form partnerships for high-speed innovation

DURATION
2 DAYS

FORMAT
ON SITE

LANGUAGES
Depending on participants

DATE & PLACE
09.-10.09.2023
Dresden

PRICING
10,000.00 €
price without VAT

CHIEF INNOVATION DIRECTOR

INC ACADEMY

Back to Portfolio

Level 3: Qualifications for new Roles

Technology & Innovation Management

Target Group Director

ABOUT THIS TRAINING:

Successful innovation and technology management are key to growth and competitive advantage. It is a leadership assignment to lead and manage organizations toward the future with competitive technologies, products, and services. This leadership training coaches business leaders in the application of the most relevant innovation strategies, and methodologies as well as in innovation-enabling organizational elements.

WHY THIS TRAINING IS FOR YOU:

You have already understood the fundamentals of innovation work. You want to lead a modern and efficient innovation system that is able to cope with new market requirements, cutting-edge technologies, and highly motivated innovation personnel. This training develops your competencies in understanding the most important market and technology trends, organizing modern innovation systems, and creating a “love to the workplace" to attract talents.

TRAINING GOAL:

After the training, you have understood how to design your innovation system to develop technologies, products, and services in the most effective and efficient way. You understand the most relevant technology and market trends and can apply best practice innovation methodologies in terms of strategy, organization, and culture to lead competitive innovation systems. You know what are the key drivers for managing successful innovation work.

OUR PARTNERS:

INC INVENTION CENTER

Fraunhofer IPT

LEARN MORE ABOUT:

- ✓ Leadership elements to enable successful innovation work (strategies, processes, roles, culture, controlling)
- ✓ Enabling growth and competitive advantage with customer centric products, services and business models
- ✓ Understand and engage new market and technology trends
- ✓ Apply best practice innovation methodologies
- ✓ Comprehend the key aspects of a learning and innovative organization dealing with constant change

DURATION
3 DAYS

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
04.-06.07.2023 Dresden
22.-24.11.2023 Aachen

PRICING
2,700 €
price without VAT

CHIEF TECHNOLOGY MANAGER

INC ACADEMY

Back to Portfolio

Level 3: Qualifications for new Roles

Technology & Innovation Management

Target Group Manager

ABOUT THIS TRAINING:

Learn more about field-tested methods for the systematic design of a strategic technology and innovation management as well as theory and practice of modern elements for the implementation of new technologies, products, services and business models. Understand successful approaches in technology and innovation management for the effective identification, evaluation and development of innovations.

WHY THIS TRAINING IS FOR YOU:

The CHIEF TECHNOLOGY MANAGER certificate course is aimed at specialists and managers from technology-oriented companies, particularly from the areas of research and development, technology and innovation management, new business development and strategy, production, and technical purchasing and management.

TRAINING GOAL:

1st day: Understand technology and innovation management and how it is linked to the company's business model
2nd day: Customer analysis, trend analysis, competitor analysis, supplier analysis, competence analysis
3rd day: Strategy formulation, roadmapping and intelligence (scouting and monitoring)
4th day: Diversification, new business development, business model innovation and separate innovation labs/ incubators
5th day: Benchmark and successful practices in technology and innovation management, discussion round, final exam

LEARN MORE ABOUT:

- ✓ Why systematic technology and innovation management is needed?
- ✓ How do we link our innovations to the business model of our company?
- ✓ How do we innovate and efficiently implement innovations?
- ✓ How do we define an innovation and technology strategy to steer our company in the future?
- ✓ How modern process and organization elements can set a viable fundament to innovate?
- ✓ How future market and technology opportunities can be utilized for the company?

OUR PARTNERS: Fraunhofer IPT | INTERNATIONAL ACADEMY | RWTH AACHEN UNIVERSITY | INC INVENTION CENTER

DURATION
5 DAYS

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
20.-24.02.2023 Aachen
22.-26.05.2023 Berlin
18.-22.09.2023 Dresden
13.-17.11.2023 Munich

PRICING
4,200.00 €
price without VAT

CORPORATE VENTURE MANAGER

INC ACADEMY

Back to Portfolio

Level 2: Qualifications for new Tasks & Responsibilities | New Products & Ventures | Target Group Manager

ABOUT THIS TRAINING:

Learn how to corporate venture: Understand how to implement Corporate Venturing as a vehicle to future-proof your company, from identifying promising ideas up to organizing and managing corporate ventures. This masterclass will help you building radical innovations with insights into successful practices and latest research.

WHY THIS TRAINING IS FOR YOU:

The CORPORATE VENTURING MASTERCLASS is aimed at all specialists and managers whose task it is to build and scale radical innovations within a corporate environment such as innovation labs, corporate incubators or corporate venturing units.

TRAINING GOAL:

After this training, the participants will know the fundamentals of corporate venturing and be able to start or continue their learning journey by applying them in their organization. This essential knowledge enables them to set up their own corporate ventures.

LEARN MORE ABOUT:

- ✓ Selecting innovation opportunities
- ✓ Build corporate ventures through all phases (discovery, ideation, validation, build, launch, scale)
- ✓ Manage venture portfolios
- ✓ Defining and using corporate venturing metrics
- ✓ Financing and valuation of corporate ventures
- ✓ Legal frameworks and incentive models

OUR PARTNERS: INC INVENTION CENTER

DURATION
2 DAYS

FORMAT
ON SITE

LANGUAGES
Depending on participants

DATE & PLACE
20.-21.06.2023
Munich

PRICING
1,800.00 €
price without VAT

CHIEF SUSTAINABILITY MANAGER

INCACADEMY

Back to Portfolio

Level 3: Qualifications for new Roles | Sustainability | Target Group Manager

ABOUT THIS TRAINING:

Sustainability in operations and supply chains relies on several levers to reduce the amount of utilized energy and material waste. Levers can be found in all operational action fields of producing companies such as resource provision, production processes, product usage and disposal. The crucial challenge is to prioritize these levers in order to focus on economically feasible measures that have an impact to quickly reduce harmful emissions. Newest regulations like the Supply Chain Act or Carbon Border Protection Mechanism increase pressure on companies to act fast and become compliant by 2025 latest.

WHY THIS TRAINING IS FOR YOU:

The CHIEF SUSTAINABILITY MANAGER is aimed at sustainability responsibles and managers from technology-oriented companies, particularly from research and development, technology and innovation management, strategy and production. It helps you to identify white spots in your sustainability strategy and to structure, evaluate and prioritize the multitude of sustainability activities to reach the challenging goals set by legislation from 2023 onward.

TRAINING GOAL:

After this training, the participants will know how to identify the right action points and derive appropriate projects to address the requirements of sustainability in supply chains and operations.

OUR PARTNERS: Fraunhofer IPT | WZL RWTH AACHEN UNIVERSITY | INTERNATIONAL ACADEMY RWTH AACHEN UNIVERSITY

LEARN MORE ABOUT:

- ✓ Understand the action fields and priorities in sustainability for operations and supply chain
- ✓ Introduction to new technology drivers and solutions to address different action fields
- ✓ Guideline how to set up a comprehensive and individual roadmap that economically sets the most promising levers into motion
- ✓ Derive and develop necessary capabilities in defined action fields of sustainability

DURATION
5 DAYS

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
17.-21.04.2023 Aachen
23.-27.10.2023 Munich

PRICING
4,200.00 €
price without VAT

HYDROGEN ECONOMY

INCACADEMY

Back to Portfolio

Level 2: Qualifications for new Tasks & Responsibilities | Sustainability | Target Group Manager

ABOUT THIS TRAINING:

The Hydrogen Economy has been promised for decades and hyped for a few years now – but just recently it started to gain real momentum. Driven by sustainability regulations and also the current energy crisis, a dramatic change is happening right now. Mobile fuel cell systems are at the bring of industrialization for trucks and trains, hydrogen infrastructure is boosted by subsidized investments and retrofitting activities and the vision of a self-sustained grid of renewable energy can become reality with hydrogen-based storage & distribution technologies. We want to introduce you to market- and technology-related insights into the hydrogen economy and provide a guideline on either how to identify the sweet spot for your company to participate in the changing energy system or on how to make fruitful use of this promising technology field.

WHY THIS TRAINING IS FOR YOU:

The HYDROGEN ECONOMY training is aimed at business responsibles and managers from technology-oriented companies, particularly from research and development, technology and innovation management and product design, who want to learn, how to potentially be part of the hydrogen value chain or on how to identify the sweet spot for existing business.

TRAINING GOAL:

Looking beyond the hype and accepting the challenges of still required technological industrialization is key for success. We want to show you how the markets are currently developing, which technologies need to be known and which innovation fields still are relevant white spots to compete or disrupt.

OUR PARTNERS:

Fraunhofer IPT

CENTER FUEL CELL INDUSTRIALIZATION

LEARN MORE ABOUT:

- ✓ Global insights into market developments for fuel cell & electrolyzer systems
- ✓ Overview on all relevant hydrogen related technologies (production, distribution, storage & utilization)
- ✓ Comprehensive technological development outlook
- ✓ Guideline on how to identify innovation potentials matching your own core competencies

DURATION
2 DAYS

FORMAT
ON SITE

LANGUAGES
Depending on participants

DATE & PLACE
14.-15.03.2023
Aachen

PRICING
1,800.00 €
price without VAT

CHIEF DATA-DRIVEN BUSINESS MANAGER

INC ACADEMY

Back to Portfolio

Level 3: Qualifications for new Roles

Artificial Intelligence

Target Group Manager

ABOUT THIS TRAINING:

The training CHIEF DATA-DRIVEN BUSINESS MANAGER provides participants with a proven methodological approach from idea generation to evaluation, technical and business-related feasibility, competence & team settings, data testing and agile implementation methods. Using self-selected and company-individual use cases, participants learn how to develop new data-driven business models in their own company to select the most promising use cases for implementing AI.

WHY THIS TRAINING IS FOR YOU:

The CHIEF DATA-DRIVEN BUSINESS MANAGER training is designed for professionals and executives who want to approach the topic of artificial intelligence from a business perspective, learn in-depth, field-tested approaches to implementing AI solutions, and gain hands-on experience with key agile AI implementation methodologies.

TRAINING GOAL:

After this training, participants will be able to apply the field-tested methods of the AI Navigator and data-driven business model canvas in order to identify and evaluate economically logical AI use cases. In addition, participants will receive an introduction to agile development methods, the importance of user experience in AI solutions, and the impact of AI on digital business models.

LEARN MORE ABOUT:

- ✓ AI Navigator
- ✓ Ideation – Use case browsing
- ✓ AI Use Case Assessment
- ✓ Agile Development
- ✓ Data-driven Business Models
- ✓ Technical feasibility
- ✓ Cross-functional Teams
- ✓ Best Practices
- ✓ AI Organization

OUR PARTNERS:

INC INVENTION CENTER

Fraunhofer IIS

DURATION
5 DAYS

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
06.-10.03.2023 Dresden
12.-16.06.2023 Berlin

PRICING
4,200.00 €
price without VAT

DATA STRATEGY MANAGER

INC ACADEMY

Back to Portfolio

Level 3: Qualifications for new Roles | Artificial Intelligence | Target Group Manager

ABOUT THIS TRAINING:

Companies strive to become a more data-driven organization to increase sales opportunities and improve operational efficiency. Learn about the motivation, driver, key factors and frameworks of data strategy to support your business in making data-driven and evidence-based business decision. In enhancing structured data processes internal practices can be accelerated and internal operations improved. Building the right data strategy is crucial before implementing data-driven use cases.

WHY THIS TRAINING IS FOR YOU:

The DATA STRATEGY MANAGER course is tailored to leaders, managers and decision-makers, who are interested in improving operational efficiency and performance within the organization and gain value out of their data through a profound understanding of Data Strategy as added value to generated smarter products in optimizing internal data handling process.

TRAINING GOAL:

The course provides a foundation for data strategy structure and covers their key components of data management including Business Intelligence (BI), data governance and best practice approaches with case studies and success stories to align people, processes and tools.

OUR PARTNERS:

INC INVENTION CENTER

LEARN MORE ABOUT:

- ✓ Key factors for data Strategy foundation
- ✓ Data Governance and EU data Act framework
- ✓ Stay compliant with regulations and EU data act protection
- ✓ Effective data management including Artificial insights
- ✓ use the data effectively in your organization to achieve the following benefits:
  - ✓ Improve data quality outcomes
  - ✓ Increase timeliness of data
  - ✓ Reduce development costs

DURATION
3 DAYS

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
12.-14.09.2023
Aachen

PRICING
2,700.00 €
price without VAT

DATA GOVERNANCE

INC ACADEMY

Back to Portfolio

Level 2: Qualifications for new Tasks & Responsibilities | Artificial Intelligence | Target Group Manager

ABOUT THIS TRAINING:

With the newly proposed EU Data Act, more and more companies are becoming aware of the challenges and importance of proper data management, governance and infrastructural setup. Implementing a successful data governance and manage data by treating data as assets enables organization to generate further business cases, increase business benefits and empowers innovation. This one day course provides an insightful understanding in data governance and navigates through their key factors.

WHY THIS TRAINING IS FOR YOU:

The DATA GOVERNANCE course is tailored to leaders, managers and decision-makers, who are interested in obtaining a profound understanding about the importance of a successful implemented Data Governance as well as the added value and business opportunities generated by using data as assets sustainable.

TRAINING GOAL:

The certified course provides an overview and elaboration of different data governance frameworks, how to establish a business case on best-practice base and gives a general navigation of the impact of the EU Data act. It outlines the people, process and tools interaction as the solid foundation as well as the alignment with data management models as part of a data governance and how to integrate best practices for tools & technology according executed technology scout best practice.

OUR PARTNERS:

INC INVENTION CENTER

LEARN MORE ABOUT:

- ✓ Overview and elaboration of different data governance frameworks
- ✓ architectures and strategies
- ✓ successful best practices that fit to your requirements
- ✓ exchange of consortium internal practices and experiences
- ✓ use the data effectively in your organization to achieve the following benefits:
  - ✓ Improve data quality outcomes
  - ✓ Improve report accuracy
  - ✓ Increase timeliness of data
  - ✓ Minimize redundancy and rework
  - ✓ Mitigate the risk of a security breach and misuse of data
  - ✓ Reduce development costs

DURATION
1 DAY

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
04.05.2023 Dresden
21.11.2023 Aachen

PRICING
900.00 €
price without VAT

DIGITAL TRANSFORMATION & SCALING

INC ACADEMY

Back to Portfolio

Level 2: Qualifications for new Tasks & Responsibilities

Industry 4.0

Target Group Director

ABOUT THIS TRAINING:

In the training Digital Transformation & Scaling Expert we dive deeper into the six pillars of a holistic digital transformation program. We focus the action fields and concrete measures to implement a transformation program as well as management practices to steer such a program for long-term success. Furthermore, we will address topics like future of work and different forms of organization that support the transformation journey.

WHY THIS TRAINING IS FOR YOU:

The training is directed towards leaders and decision-makers who want to shape and drive the digital transformation in their company and therefore comprehend the most important action fields, lessons learned and methodological approaches.

TRAINING GOAL:

After the training you will have gained relevant content and methodical knowledge to implement and steer a digital transformation project in your company. A special focus lies on the field-proven do's and don'ts to connect existing fragmented projects and isolated pilots in the company as well as the necessary prerequisites, interdisciplinary roles and processes to drive a holistic digital transformation program.

OUR PARTNERS:

INC INVENTION CENTER

LEARN MORE ABOUT:

- ✓ Digital transformation action fields
- ✓ Typical pitfalls for leaders when introducing industry 4.0
- ✓ Do‘s and don‘ts for a digital transformation program
- ✓ Tying your industry 4.0 technology roadmap to your business strategy
- ✓ Interdisciplinary teams & roles
- ✓ Process to manage uncertain I4.0 projects
- ✓ Mindset for agility and learning

DURATION
1 DAY

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
06.07.2023
Aachen

PRICING
900.00 €
price without VAT

CHIEF DIGITAL OPERATIONS MANAGER

INC ACADEMY

Back to Portfolio

Level 3: Qualifications for new Roles | Industry 4.0 | Target Group Manager

ABOUT THIS TRAINING:

The Chief Industry 4.0 Officer is the flagship of the I4.0 trainings. Here we convey all the necessary methods to steer a digital transformation program from conception to scaling as well as content on the major building blocks, a step-by-step transformation approach, key value drivers and application areas of Industry 4.0. The training is complemented by a Harvard-style business case for the joint creation of a roadmap and a digital transformation program for practical learning experiences.

WHY THIS TRAINING IS FOR YOU:

The training is tailored to leaders und decision-makers, who are interested in obtaining a comprehensive overview about the added value and business opportunities of industry 4.0 as well as receiving the methodical tools lead and steer a holistic digital transformation program.

TRAINING GOAL:

The training offers you a comprehensive toolbox to drive the digital transformation in your company independent of the current maturity. We focus on building and steering a holistic transformation program as well as supplying you with knowledge on the prerequisites, necessary roles and processes to connect fragmented pilots and scale to multiple lines and sites. In addition, you learn about the most important technological principles and applications for understanding the big picture and the value drivers of Industry 4.0.

OUR PARTNERS:

INC INVENTION CENTER

LEARN MORE ABOUT:

- ✓ Digital transformation action fields
- ✓ Typical pitfalls for leaders when introducing industry 4.0
- ✓ Do‘s and don‘ts for a digital transformation program
- ✓ Tying your industry 4.0 technology roadmap to your business strategy
- ✓ Interdisciplinary teams & roles
- ✓ Process to manage uncertain I4.0 projects
- ✓ Mindset for agility and learning

DURATION
5 DAYS

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
27.02.-03.03.2023 Aachen
08.-12.05.2023 Dresden

PRICING
4,200.00 €
price without VAT

FLEXIBLE DIGITAL PRODUCTION

INC ACADEMY

Back to Portfolio

Level 2: Qualifications for new Tasks & Responsibilities | Industry 4.0 | Target Group Manager

ABOUT THIS TRAINING:

The training Flexible Digital Production Expert focuses on the application of digital solutions in production to enable AI-supported cost reduction, shorter delivery times and higher flexibility. In addition, we will address I4.0 applications along the entire value chain as well as an outlook on the future of production and the resulting business implications.

WHY THIS TRAINING IS FOR YOU:

The training is directed towards decision-makers and specialists who want to have a structured overview of available digital solutions for a more flexible and cost-efficient production, their added value as well as methodical approaches to select adequate solutions.

TRAINING GOAL:

The training offers you deeper insights into the potentials, application areas but also limitations of digital solutions in production. This knowledge supports you to identify and assess value-added applications for your production and keep up to date on currently available and economically feasible solutions, as well as trends to look out for.

OUR PARTNERS:

INC INVENTION CENTER

LEARN MORE ABOUT:

- ✓ Why Industry 4.0 is not just automation
- ✓ Digital lean
- ✓ Reducing waste and facilitating continuous improvement with I4.0 solutions
- ✓ Data-driven decision making
- ✓ Digital value stream mapping
- ✓ Operator assistance concepts
- ✓ Flexible automation concepts
- ✓ Predictive maintenance
- ✓ Predictive quality

DURATION
1 DAY

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
27.04.2023 Berlin
26.10.2023 Aachen

PRICING
900.00 €
price without VAT

DIGITAL SUPPLY CHAIN & INTEGRATED PLANNING

INC ACADEMY

Back to Portfolio

Level 2: Qualifications for new Tasks & Responsibilities

Industry 4.0

Target Group Manager

ABOUT THIS TRAINING:

In the training Digital Supply Chain & Integrated Planning Expert we dig deeper into the added business value, application fields and underlying technologies for the integration of the value chain and vertical integration of planning processes. In this context, we emphasize how industry 4.0 eases the management of global supply bottlenecks, disrupted logistics networks and increasing compliance requirements as well as rising demand for individualized components and higher variants.

WHY THIS TRAINING IS FOR YOU:

The training is directed towards decision-makers and specialists who want to gain deeper insights into concepts, current developments and business implications of digital supply chains and integrated planning in order to drive these topics forward in their own companies.

TRAINING GOAL:

The training provides you with deep insights into the value drivers, application fields and enabling technologies of a digital supply chain and integrated planning. This knowledge helps you to uncover gaps in the status quo and to identify and prioritize value-adding applications for a roadmap towards a Supply Chain 4.0 and integrated planning in your company.

OUR PARTNERS:

INC INVENTION CENTER

LEARN MORE ABOUT:

- ✓ Why supply chain and planning issues are closely linked
- ✓ Increase resilience against disrupted logistic networks
- ✓ Leverage I4.0 for a flexible and efficient planning to react to dynamic supply chains
- ✓ Data integration with suppliers and customers
- ✓ Vertical integration of planning from enterprise level to shopfloor
- ✓ Supply chain transparency
- ✓ Real-time tracking & tracing

DURATION
1 DAY

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
26.04.2023 Aachen
21.09.2023 Aachen

PRICING
900.00 €
price without VAT

INC ACADEMY

Target Group: Specialist & Expert

Technology Stream

Take a deep dive towards
technological specialization

MACHINE LEARNING SPECIALIST

INC ACADEMY

Back to Portfolio

Level 3: Qualifications for new Roles | Artificial Intelligence | Target Group Specialist

ABOUT THIS TRAINING:

The MACHINE LEARNING SPECIALIST training introduces participants to the world of AI through prominent examples and practical use cases in industry. In interactive sessions, participants discuss and develop an AI use case - from idea to implementation. In addition to data pipelines, data analysis processes and data mining tools, there will also be a special focus on data visualization and preparation. The participants get to know different methods in the area of supervised learning, unsupervised learning, deep learning as well as reinforcement learning. Finally, participants will get an insight into Big Data architectures and the Big Data ecosystem as well as an outlook on the topic of Edge AI.

WHY THIS TRAINING IS FOR YOU:

The MACHINE LEARNING SPECIALIST training is designed for technical professionals in the field of data analysis who want to understand the concrete technological methods and approaches and gain hands-on experience with the main methods of artificial intelligence. Basic programming skills are required.

TRAINING GOAL:

After this training, participants have gained an in-depth understanding of the different methods of artificial intelligence. Based on practical, interactive exercises, participants have learned, among other things, the most relevant machine learning techniques and gained a sound understanding of the individual AI building blocks.

OUR PARTNERS:

INC INVENTION CENTER | IMA | WZL | RWTH AACHEN UNIVERSITY

LEARN MORE ABOUT:

- ✓ Building Blocks of AI
- ✓ Data Science
- ✓ Python for Data Science
- ✓ Databases & Pipelines
- ✓ Data Analysis & Visualization
- ✓ Explainable AI
- ✓ Machine Learning
- ✓ Supervised Learning
- ✓ Unsupervised Learning
- ✓ Deep Learning

DURATION
5 DAYS

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
20.-24.03.2023 Munich
19.-23.06.2023 Aachen

PRICING
4,200.00 €
price without VAT

INDUSTRY 4.0 SPECIALIST

INC ACADEMY

Back to Portfolio

Level 3: Qualifications for new Roles | Industry 4.0 | Target Group Specialist

ABOUT THIS TRAINING:

Industry 4.0 implementation is a cross-functional field requiring competences in various segments – IT, OT, production processes and further business processes. This training enables an understanding of all relevant fields needed to successfully implement an Industry 4.0 project and to find the right role within the project for team members from one of the various needed specialist areas. Furthermore, you learn putting the individual aspects of an Industry 4.0 project in context with a larger scope Digital Transformation of your plant or company.

WHY THIS TRAINING IS FOR YOU:

This training is directed at production, logistics, planning, IT or OT experts who are taking on responsibility for (a major part of) an Industry 4.0 project and want to understand the big picture as well as knowing the requirements and interfaces to the various other disciplines involved in the project.

TRAINING GOAL:

At the end of the training, participants understand the various roles needed for a successful Industry 4.0 project, have an overview about the relevant goals, applications, challenges and technologies involved in the other disciplines involved in such a project

OUR PARTNERS:

INC INVENTION CENTER

LEARN MORE ABOUT:

- ✓ Applications of Industry 4.0 and their impact on various functions in the plant
- ✓ Technologies behind Industry 4.0 and their key implications
- ✓ Challenges in an Industry 4.0 project and how to overcome them
- ✓ How to interact between the individual Industry 4.0 project team and the overall IT and OT infrastructure

DURATION
5 DAYS

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
19.-23.06.2023
Berlin

PRICING
4,200.00 €
price without VAT

DIGITAL TWIN IMPLEMENTATION

INC ACADEMY

Back to Portfolio

Level 2: Qualifications for new Tasks & Responsibilities | Industry 4.0 | Target Group Specialist

ABOUT THIS TRAINING:

The training takes you on a journey into the field of digital twins and the simulation of processes and supply chains. After an introduction to the topic and terminology, we give an overview about different application areas and types of the digital twin as well as the value of different applications. In addition, we will cover the basic architecture and technical enablers and embed the digital twin in the topic of Industry 4.0.

WHY THIS TRAINING IS FOR YOU:

The training is directed towards decision-makers and specialists who are keen to learn more about the foundations and vast potentials of digital twins, to gain a clear understanding for the subject area and steer according projects in their company.

TRAINING GOAL:

The training offers you deeper insights into the fundamentals and application areas of digital twins and especially in how far this technology can contribute towards better and faster decision-making as well as a reduction of production and operating costs. This knowledge is meant to support you to identify and assess potential application scenarios in your company that have a positive impact on your business performance.

OUR PARTNERS:

INC INVENTION CENTER

LEARN MORE ABOUT:

- ✓ Proactive decision making
- ✓ Managing supply chain uncertainties
- ✓ Supply chain visibility
- ✓ Digital twin vs. digital shadow
- ✓ Digital process twins
- ✓ Digital supply chain twins
- ✓ Predictive process control
- ✓ Predictive quality

DURATION
1 DAY

FORMAT
ON SITE

LANGUAGES

DATE & PLACE
10.02.2023 Aachen
04.07.2023 Aachen

PRICING
900.00 €
price without VAT

CONTACT US

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