

# SUSTAINABILITY ENGINEERING

## *Descrizione del Corso*

In the near future, providing transparency of an organisations sustainability strategy will become a competitve advantage to stand out from competitors.

Enterprises are becoming more obligated to take global responsibility for their actions, recognizing that sustainability is a future driver for a sustainable existence. Increasing pressure is coming from regulatory bodies, financial and investors and the public audience.

This course provides an introduction to the sustainability engineering methodology, which enables clear identification of goals, targets and action items, and provides the means to structure, organize, track, verify and publish sustainability journey using traditional and creative engineering techniques.

In addition, the course is good preparation for compliance with ESG (Environmental, Social, and Governance), SDG (Sustainable Development Goals) and the upcoming CSRD (Corporate Sustainability Reporting Directive) based on ESR (Environmental and social risk management).

## *Risultati di Apprendimento*

• Introduction to extended sustainability issues and impact
• Fundamental knowledge about the regulatory issues and the business impacts
• Clear path how to define the sustainability story line
• Capability to set up, structure, track, validate, and publish sustainability requirements and action items inside and outside
• Vision to use Sustainability Engineering as a basis for CSR or any other sustainability report

## *Partecipanti*

• Sustainability Managers
• Corporate leaders (CEO/CTO/CFO)
• Department Leads
• Sustainability Stakeholders

## *Prezzi del Corso*

Early Bird Rates: 1,350 CHF. Regular Rates: 1,500 CHF

## *Durata*

2 giorni

## *Istruttore*



Oliver Fels

Oliver Fels has been the first independent European speaker at the 1997 JAVAOne conference and the first independent to speak three years in a row.

Since then, Oliver Fels has been working in major industries developing complex

systems, filling various roles - as a project manager, department lead, systems engineer, architect, product owner, requirements and methodology engineer, and more.

As a leading systems engineer, he supported revolutionize the Zürich public transport system, being responsible for the new passenger information concept.

In a department lead role, he redesigned hands-on the first and business class sections for the 21st century of various international airlines.

With his high interest for sustainability and renewable energy, Oliver was also an active member of the Solar Impulse 2 project, the first solar flight around the world accomplished by Swiss entrepeneur and pioneer Bertrand Piccard.

Oliver is currently actively supporting sustainability and renewable energy projects using blockchain technology and is the inventor of the sustainability engineering methodology, which uses system engineering principles to aid enterprises structuring their sustainability strategies.

Oliver has held several speeches and international workshops in the area of systems engineering, IT security, and software development as well as coached engineers in leadership, requirements engineering, and other topics.

Having worked in various diversity environments, he highly emphasizes an intercultural and interoperational approach to working with people in which individualtiy and empathy are highly valued. As such, bringing his broad expertise to a wider audience is an important passion for him.

Oliver holds an egineering degree in computer science and electrical engineering.