Course: Licensing and Regulatory Frameworks for Renewable Energy Projects

Code	City	Hotel	Start	End	Price	Language - Hours
866	Jakarta (Indonesia)	Hotel Meeting Room	2025-06-02	2025-06-06	4450 €	En - 25

Course Description:

This course focuses on the regulatory processes for licensing, renewing, and overseeing hydropower and solar power projects. Topics include fee structures, connection agreements, market trends, and power trading regulations, with a special emphasis on smart city energy frameworks and solar power fundamentals.

Course Objective:

By the end of this course, participants will:

- Understand the licensing process for hydropower and solar power plants.
- Learn about license renewal, modification, and ownership transfer.
- Gain insights into regulatory oversight on prosumer and connection agreements.
- Explore fee structures for renewable energy projects.
- Analyze energy market trends and power trading mechanisms.
- Examine policies for offshore wind and floating solar projects.
- Understand regulatory measures for grid-connected and off-grid renewable systems.
- Explore the role of smart city energy management in renewable energy projects.
- Learn the fundamentals of solar power generation and integration.

Who Should Attend?

Energy regulators, licensing officials, project developers, policy analysts, and professionals in renewable energy governance.

Course Outline:

Day 1: Licensing of Hydropower and Solar Power Projects

- · Regulatory requirements for licensing
- · Processing construction and operational licenses
- · Case studies of licensing frameworks
- · Policy incentives for small-scale renewable energy projects
- · Environmental impact assessments for hydropower and solar plants
- · Introduction to smart cities and energy management frameworks

Day 2: License Renewal, Modification, and Transfer

- · Procedures for license renewal and modification
- · Ownership transfer regulations
- · Legal considerations in license administration
- · Regulatory differences between centralized and decentralized energy projects
- · Risk assessment in renewable energy licensing
- · The role of smart grids in energy-efficient urban planning

Day 3: Fee Structures for Renewable Energy Projects

- Application and annual fees for renewable projects
- · Financial models for hydropower and solar energy
- · Regulatory best practices in fee structuring
- · Cost-benefit analysis for energy transition policies
- · Green finance and carbon credit mechanisms
- · Economic models for integrating solar energy in urban infrastructure

Day 4: Regulatory Oversight on Connection Agreements

- · Prosumer agreements and distributed generation
- · Connection regulations and compliance
- · Permits and grid integration requirements
- · Net metering policies and their economic impact
- · The role of blockchain in energy trading and contract enforcement
- · Solar PV system design, efficiency, and performance optimization

Day 5: Energy Market Trends and Power Trading

- · Global and regional energy market trends

- · Regulatory role in power trading
- · Future developments in renewable energy policies
- · Hydrogen energy and its regulatory framework
- · Emerging technologies in virtual power plants and peer-to-peer energy trading
- · The impact of solar energy advancements on energy market dynamics

The Scandinavian Academy for Training and Development adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training and Development.

Program Timings:

- 9:00 AM to 2:00 PM in Arab cities.
- 10:00 AM to 3:00 PM in European and Asian cities.

The program includes:

- A daily buffet provided during the sessions to ensure participants comfort.