



Postgraduate Diploma Renewable Energy Systems Projects and Innovation

» Modality: online

» Duration: 6 months

» Certificate: TECH Global University

» Accreditation: 18 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/engineering/postgraduate-diploma/postgraduate-diploma-renewable-energy-systems-projects-innovation

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Certificate





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The renewable energy sector is in full international expansion and is increasingly demanding engineers specialized in this field. For this reason, the best professionals in the sector have designed this complete program that aims to train professionals with advanced knowledge in everything that encompasses the renewable energy sector, to increase their working position in today's energy market.

This program will delve into the different stages of a renewable project, from its initial phase to its operation, including its evaluation and financing. The Program will begin with a description of the most important actors involved in the development, construction and operation of a renewable asset.

The following is an in-depth breakdown of the different stages of a project; from pre-feasibility analysis to "Ready to Build" detailing the main permits, licenses and authorizations required. In addition, the different evaluations to sell or finance a project will be discussed in detail: Technical, Legal and Financial.

On the other hand, the financial fundamentals that allow us to understand how to value and finance projects or companies related to renewable energies will be detailed. Regarding financing, "Project Finance", its structuring and associated risks will be studied in more detail. Finally, a fundamental part will be explained: how the assets in operation are managed, both technically and financially, including insurance management and Claim Management.

For all these reasons, this Postgraduate Diploma in Renewable Energy Systems Projects and Innovation integrates the most complete and innovative educational program in the current market in terms of knowledge and latest available technologies. Likewise, the program includes access to a series of exclusive and complementary Masterclasses, led by an internationally renowned professor, specialized in Innovation and Renewable Energies, with a successful professional career. With his guidance, students will gain the essential knowledge and skills to excel in this relevant field.

This Postgraduate Diploma in Renewable Energy Systems Projects and Innovation contains the most complete and up-to-date educational program on the market. The most important features of the program include:

- Practical case studies presented by experts
- The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- Practical exercises where self-assessment can be used to improve learning
- Its special emphasis on innovative methodologies
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection



Take advantage of this unique opportunity! You will have the opportunity to participate in a series of Masterclasses developed by an internationally recognized expert in Innovation and Renewable Energies"

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The design and implementation of innovation projects in the energy field is a complicated task and requires highly trained engineers. Acquire with TECH the necessary skills in this field"

The program's teaching staff includes professionals from sector who contribute their work experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive training programmed to train in real situations.

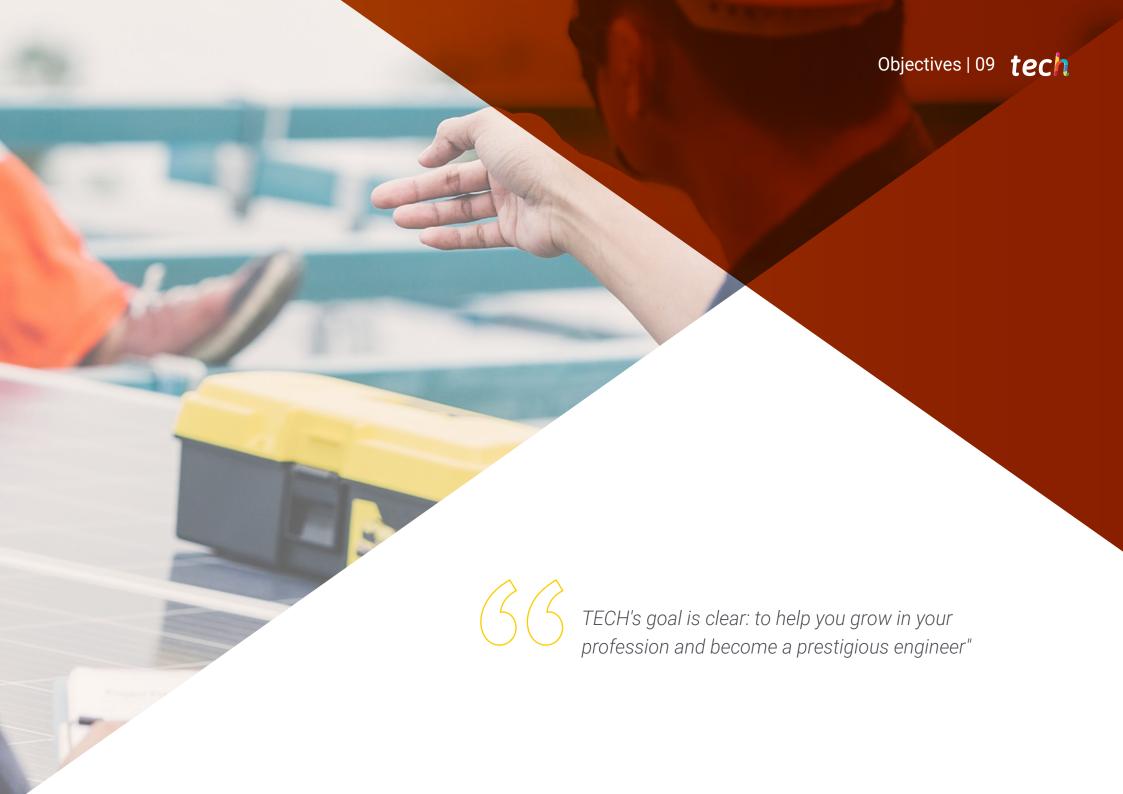
This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced engineering experts.

TECH puts in your hands the most competitive and complete didactic material in the sector. That way, you'll be sure to learn with the best information.

A 100% online program that will allow you to combine your studies with the rest of your daily activities.







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General Objectives

- Conduct an exhaustive analysis of current legislation and the energy system, from electricity generation to the consumption phase, as well as the fundamental production factor in the economic system and the functioning of the different energy markets
- Identify the different phases required for the feasibility and implementation of a Renewable Energy project and its commissioning
- Analyze in depth the different technologies and manufacturers available to create renewable energy exploitation systems, and distinguish and critically select those qualities based on costs and their actual application
- Identify the operation and maintenance tasks required for the correct operation of Renewable Energy installations
- Size facilities for the application of all energy sources of lesser implementation such as mini-hydro, geothermal, tidal and clean vectors
- Manage and analyze relevant bibliography on a topic related to one or some of the fields of Renewable Energies, published both nationally and internationally
- Adequately interpret society's expectations on the environment and climate change, and engage in technical discussions and critical opinions on energy aspects of sustainable development, as skills that Renewable Energy professionals should have
- Integrate knowledge and face the complexity of formulating reasoned judgments in the field applicable to a company in the Renewable Energy sector
- Master the different existing solutions or methodologies for the same problem or phenomenon related to Renewable Energies and develop a critical spirit knowing the practical limitations



Specific Objectives

Module 1. Renewable Energies and Their Current Environment

- Explore in depth the world energy and environmental situation, as well as that of other countries
- Gain detailed knowledge of the current energy and electricity context from different perspectives: structure of the electricity system, operation of the electricity market, regulatory environment, analysis and evolution of the electricity generation system in the short and medium and long term
- Master the technical-economic criteria of generation systems based on the use of conventional energy: nuclear energy, large hydro, conventional thermal, combined cycle and the current regulatory environment of both conventional and renewable generation systems and their dynamics of evolution
- Apply the knowledge acquired to the understanding, conceptualization and modeling of systems and processes in the field of energy technology, particularly in the field of renewable energy sources
- Effectively pose and solve practical problems, identifying and defining the significant elements that constitute them
- Critically analyze data and reach conclusions in the field of energy technology
- Use the acquired knowledge to conceptualize models, systems and processes in the field of energy technology
- Analyze the potential of Renewable Energies and energy efficiency from multiple perspectives: technical, regulatory, economic and market
- Carry out operations in the Spanish electricity system market
- Gain the ability to search for information on public websites related to the electricity system and to elaborate this information

Module 2. Hybrid Systems and Storage

- Analyze the importance of electrical energy storage systems in the current energy sector landscape, showing the impact it has on the planning of generation, distribution and consumption models
- Identify the main technologies available in the market, explaining their characteristics and applications
- Have a transversal vision with other sectors in which the deployment of electric storage systems will have an impact on the configuration of new energy models, with special emphasis on the automotive and electric mobility sectors
- Have an overview of the usual steps followed in the development of projects with storage systems, especially focused on batteries
- Identify the main concepts for the integration of storage systems in power generation systems, especially with photovoltaic and wind systems

Module 3. Development, Financing and Feasibility of Renewable Energy Projects

- Gain in-depth knowledge and analyze the technical documentation of Renewable Energy projects required for their feasibility, financing and processing
- Manage technical documentation up to the "Ready to Build" stage
- Establish types of financing
- Understand and carry out an economic and financial study of a renewable energy project
- Use all the tools for project management and planning

- Master the part of insurance involved in the financing and viability of Renewable Energy projects, both in their construction and operation phases
- Delve into the processes of valuation and appraisal of claims in Renewable Energy assets

Module 4. Digital Transformation and Industry 4.0 Applied to Renewable Energy Systems

- Optimize processes, both in production and in Operations and Maintenance
- Learn in detail about the capabilities of digital industrialization and automation in Renewable Energy installations
- Gain in-depth knowledge and analyze the different alternatives and technologies offered by digital transformation
- Implement and test IoT (IoT) systems
- Use tools such as Big Data to improve processes and/or energy facilities
- Gain in-depth knowledge of the scope of drones and autonomous vehicles in preventive maintenance
- Learn new forms of energy commercialization Blockchain and Smart Contracts





International Guest Director

Varun Sivaram, Ph.D. is a **physicist**, **bestselling author** and leading **clean energy technology** expert with a career spanning the corporate, public and academic sectors. In fact, he has served as **Director of Strategy and Innovation at Orsted**, one of the world's leading renewable energy companies with the largest offshore wind power portfolio.

In addition, Dr. Sivaram has served in the U.S. Biden-Harris administration, as Director General for Clean Energy and Innovation, as well as Senior Advisor to Secretary John Kerry, the Special Presidential Climate Envoy to the White House. In this capacity, he was the creator of the First Movers Coalition, a key initiative to foster clean energy innovation globally.

In the academic field, he has directed the Energy and Climate Program at the Council on Foreign Relations. And his influence in the formulation of government policies to support innovation has been remarkable, having advised leaders such as the mayor of Los Angeles and the governor of New York. He has also been recognized as a Young Global Leader by the World Economic Forum.

In addition, Dr. Varun Sivaram has published several influential books, including "Taming the Sun: Innovations to Harness Solar Energy and Power the Planet" and "Energizing America: A Roadmap to Launch a National Energy Innovation Mission", both of which have received accolades from prominent leaders such as Bill Gates. In fact, his contribution to the clean energy field has been recognized internationally, being included in the TIME 100 Next list and incorporated by Forbes in its Forbes 30 Under 30 list in Law and Policy, among other major accolades.



Dr. Sivaram, Varun

- Director of Strategy and Innovation at Ørsted, United States
- Managing Director, Clean Energy and Innovation // Senior Advisor to Secretary John Kerry, U.S. Special Presidential Climate Envoy at The White House
- Chief Technology Officer at ReNew Power
- Strategic Advisor for Energy and Finance on Reforming the Energy Vision at the New York Governor's Office
- Ph.D. in Condensed Matter Physics from Oxford University
- B.S. in Engineering Physics and International Relations from Stanford University.
- Awards: Forbes 30 Under 30, awarded by Forbes magazine
 Grist Top 50 Leaders in Sustainability, awarded by Grist magazine
 MIT TR Top 35 Innovators, awarded by MIT Tech Review Magazine
 TIME 100 Next Most Influential People in the World, awarded by

TIME Magazine

- Young Global Leader, awarded by the World Economic Forum
- Member of: Atlantic Council ,Breakthrough Institute , Aventurine Partners



Thanks to TECH, you will be able to learn with the best professionals in the world"

Guest Director



Mr. De la Cruz Torres, José

- Degree in Physics and Industrial Electronics Engineering, University of Seville
- Master's Degree in Operations Management by EADA Business School Barcelona
- Master's Degree in Industrial Maintenance Engineering, University of Huelva, Spain
- Railway Engineering, UNED
- South head of the appraisal, assessment and valuation of technologies and processes of Renewable Energy generation facilities at RTS International Loss Adiusters

Codirector



Lillo Moreno, Javier

- Telecommunications Engineer, University of Seville
- Master's Degree in Project Management and Master's Degree in Big Data & Business Analytics, School of Industrial Organization (EOI)
- With an extensive professional career in the Renewable Energy sector of more than 15 years
- Has managed the O&M areas of several companies with high visibility in the sector



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Professors

Mr. Silvan Zafra, Álvaro

- Energy Engineer, University of Seville
- Master in Thermal Energy Systems and Business Administration
- Senior Consultant focused on the execution of international E2E projects in the energy sector
- Responsible for the market management of more than 15 GW of installed capacity for clients such as Endesa, Naturgy, Iberdrola, Acciona and Engie

Dr. Gutiérrez, María Delia

- Vice President of Operations at the Tecnológico de Monterrey
- Master's Degree in Environmental Systems at Tecnológicico de Monterrey
- PhD in Engineering Science with a specialization in Energy and Environment from Dartmouth College.
- Professor of Climate Change and Energy Use and Ecological Processes for Human Development at Tec de Monterrey.

Mr. Serrano, Ricardo

- Director of Andalusia, Willis Towers Watson
- Law Degree from the University of Seville
- Participation in the design and placement of insurance programs for renewable energy companies and other industrial activities.

Mr Montoto Rojo, Antonio

- Electronics Engineer from the University of Seville
- MBA Master's Degree Camilo José Cela University
- Account Manager for storage systems at Gamesa Electric

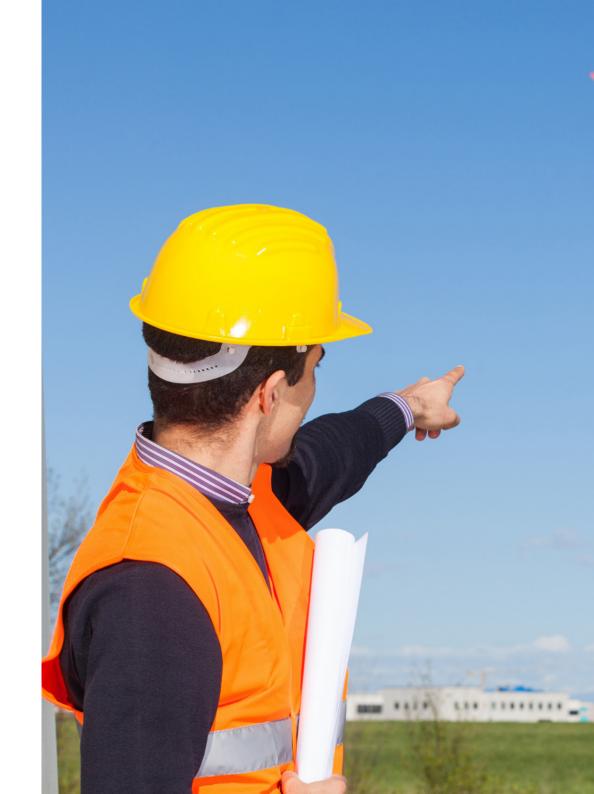
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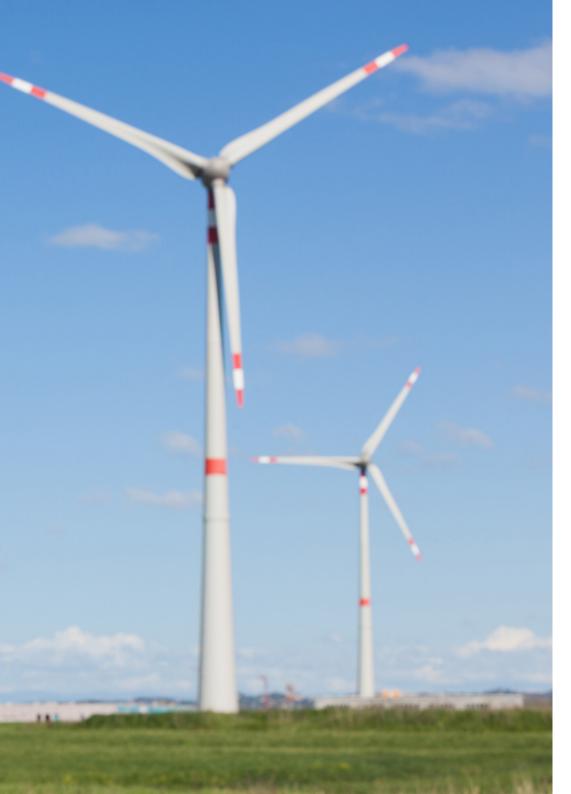
Mr. Pérez García, Fernando

- Insurance Loss Adjuster
- Specialist in the adjustment and appraisal of industrial risks, technical and energy claims, especially in the renewable energy sector (wind, hydro, photovoltaic, solar thermal and biomass)
- National Loss Adjuster Expert (NLAE) by the European Federation of Loss Adjustment Experts (FUEDI)
- European Loss Adjustment Expert (ELAE) by the European Federation of Loss Adjustment Experts (FUEDI)
- Machinery Breakdown and Renewable Energy Specialist
- Liability Specialist
- Specialist in Loss of Profits Associated with Power Plant Losses
- Specialization Course in Analytical and Financial Accounting
- Degree in Technical Industrial Engineering, specialized in Electricity, from the University of Zaragoza

Dr. De la Cal Herrera, José Antonio

- Industrial Engineer, Universidad Politécnica de Madrid.
- MBA in Business Administration and Management from the Business School of Commercial and Marketing Management, ESIC
- Doctor from the University of Jaén
- Former Head of the Renewable Energy Department of AGECAM, S.A., Energy Management Agency of Castilla-La Mancha
- Associate Professor of the Department of Business Organization of the University of Jaén.





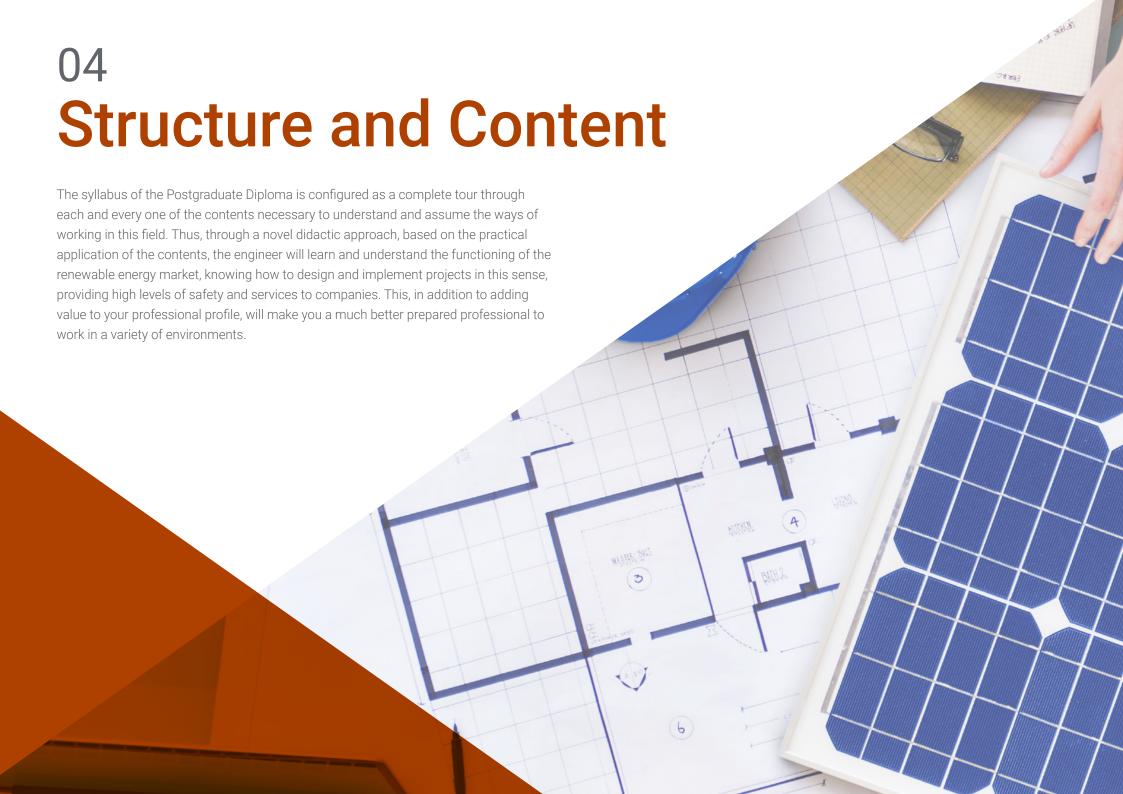
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Mr Granja Pacheco, Manuel

- Civil Engineer, Alfonso X el Sabio University.
- Master's Degree in Renewable Energy Installation Management and Project Internationalization by ITE (Instituto Tecnológico de la Energía)
- Manages the operations of a company specialized in the development of Renewable Energy projects, with a track record of more than 3,000 MW of projects at national and international level



training experience to boost your professional development"





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Module 1. Renewable Energies and Their Current Environment

- 1.1. Renewable Energies
 - 1.1.1. Fundamental Principles
 - 1.1.2. Conventional Energy Forms vs. Renewable Energy
 - 1.1.3. Advantages and Disadvantages of Renewable Energies
- 1.2. International Context of Renewable Energies
 - 1.2.1. Basics of Climate Change and Energy Sustainability Renewable Energies vs. Non-Renewable Energies
 - 1.2.2. Decarbonization of the World Economy. From the Kyoto Protocol to the Paris Agreement in 2015 and the 2019 Madrid Climate Summit
 - 1.2.3. Renewable Energies in the Global Energy Context
- 1.3. Energy and International Sustainable Development
 - 1.3.1. Carbon Markets
 - 1.3.2. Clean Energy Certificates
 - 1.3.3. Energy vs. Sustainability
- 1.4. General Regulatory Framework
 - 1.4.1. International Energy Regulation and Directives
 - 1.4.2. Legal, Legislative and Regulatory Framework of the Energy Sector and Energy Efficiency at the National (Spain) and European Level
 - 1.4.3. Auctions in the Renewable Electricity Sector
- 1.5. Electricity Markets
 - 1.5.1. System Operation with Renewable Energies
 - 1.5.2. Regulation of Renewable Energies
 - 1.5.3. Participation of Renewable Energies in the Electricity Markets
 - 1.5.4. Operators in the Electricity Market
- 1.6. Structure of the Electrical System
 - 1.6.1. Generation of the Electrical System
 - 1.6.2. Transmission of the Electrical System
 - 1.6.3. Distribution and Operation of the Market
 - 1.6.4. Marketing
- 1.7. Distributed Generation
 - 1.7.1. Concentrated Generation vs. Distributed Generation
 - 1.7.2. Self-Consumption
 - 1.7.3. Generation Contracts

- 1.8. Emitters
 - 1.8.1. Measuring Energy
 - 1.8.2. Greenhouse Gases in Power Generation and Use
 - 1.8.3. Emission Assessment by Type of Energy Generation
- 1.9. Energy Storage
 - 1.9.1. Types of Cells
 - 1.9.2. Advantages and Disadvantages of Cells
 - 1.9.3. Other Energy Storage Technologies
- 1.10. Main Technologies
 - 1.10.1. Energies of the Future
 - 1.10.2. New Uses
 - 1.10.3. Future Energy Contexts and Models

Module 2. Hybrid Systems and Storage

- 2.1. Electric Storage Technologies
 - 2.1.1. The Importance of Energy Storage in the Energy Transition
 - 2.1.2. Energy Storage Methods
 - 2.1.3. Main Storage Technologies
- 2.2. Industry Vision of Electrical Storage
 - 2.2.1. Automobiles and Mobility
 - 2.2.2. Stationary Applications
 - 2.2.3. Other Applications
- 2.3. Elements of a Battery Energy Storage System (BESS)
 - 2.3.1. Batteries
 - 2.3.2. Adaptation
 - 2.3.3. Control
- 2.4. Integration and Applications of BESS in Power Grids
 - 2.4.1. Storage System Integration
 - 2.4.2. Applications in Networked Systems
 - 2.4.3. Applications in Off-Grid and Microgrid Systems
- 2.5. Business Models I
 - 2.5.1. Stakeholders and Business Structures
 - 2.5.2. Viability of Projects with BESS
 - 2.5.3. Risk Management.

Structure and Content | 23 tech

- 2.6. Business Models II
 - 2.6.1. Project Construction
 - 2.6.2. Performance Assessment Criteria
 - 2.6.3. Operation and Maintenance
- 2.7. Lithium-Ion Batteries
 - 2.7.1. The Evolution of Batteries
 - 2.7.2. Main Components
 - 2.7.3. Technical and Safety Considerations
- 2.8. Hybrid PV Systems with Storage
 - 2.8.1. Design Considerations
 - 2.8.2. PV + BESS Services
 - 2.8.3. Studied Typologies
- 2.9. Hybrid Wind Systems With Storage
 - 2.9.1. Design Considerations
 - 2.9.2. Wind + BESS Services
 - 2.9.3. Studied Typologies
- 2.10. The Future of Storage Systems
 - 2.10.1. Technological Trends
 - 2.10.2. Economic Outlooks
 - 2.10.3. Storage Systems in BESS

Module 3. Development, Financing and Feasibility of Renewable Energy Projects

- 3.1. Identifying Stakeholders
 - 3.1.1. National, Regional and Local Government.
 - 3.1.2. Developers, Engineering and Consulting Companies.
 - 3.1.3. Investment Funds, Banks and Other Stakeholders.
- 3.2. Development of Renewable Energy Projects
 - 3.2.1. Main Stages of Development
 - 3.2.2 Main Technical Documentation
 - 3.2.3 Sales Process RTB

- 3.3. Renewable Energy Project Assessment
 - 3.3.1. Technical Feasibility
 - 3.3.2. Commercial Feasibility
 - 3.3.3. Environmental and Social Feasibility
 - 3.3.4. Legal Feasibility and Associated Risks
- 3.4. Financial Bases
 - 3.4.1. Financial Knowledge
 - 3.4.2. Analysis of Financial Statements
 - 3.4.3. Financial Modeling
- 3.5. Economic Assessment of Renewable Energy Projects and Companies
 - 3.5.1. Fundamentals of Valuation
 - 3.5.2. Valuation Methods
 - 3.5.3. Calculating Project Profitability and Fundability
- 3.6. Financing of Renewable Energies
 - 3.6.1. Characteristics of Project Finance
 - 3.6.2. Structuring the Financing
 - 3.6.3. Risks in Financing
- 3.7. Renewable Asset Management: Asset Management
 - 3.7.1. Technical Supervision
 - 3.7.2. Financial Supervision
 - 3.7.3. Claims, Permit Monitoring and Contract Management
- 3.8. Insurance in Renewable Energy Projects. Construction Phase
 - 3.8.1. Developer and Builder. Specialized Insurance
 - 3.8.2. Construction Insurance-CAR
 - 3.8.3. Professional Insurance
 - 3.8.4. ALOP-Advance Loss of Profit Clause
- 3.9. Insurance in Renewable Energy Projects. Operation and Exploitation Phase
 - 3.9.1. Property Insurance. Multirisk-OAR
 - 3.9.2. O&M Contractor's CR or Professional Insurance
 - 3.9.3. Suitable Coverage. Consequential and Environmental Losses

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- 3.10. Valuation and Appraisal of Damages in Renewable Energy Assets
 - 3.10.1. Industrial Valuation and Appraisal Services: Renewable Energy Facilities.
 - 3.10.2. Intervention and Policy
 - 3.10.3. Property Damages and Consequential Losses
 - 3.10.4. Types of Claims: Photovoltaic, Thermal, Hydroelectric and Wind Power.

Module 4. Digital Transformation and Industry 4.0 Applied to Renewable Energy Systems

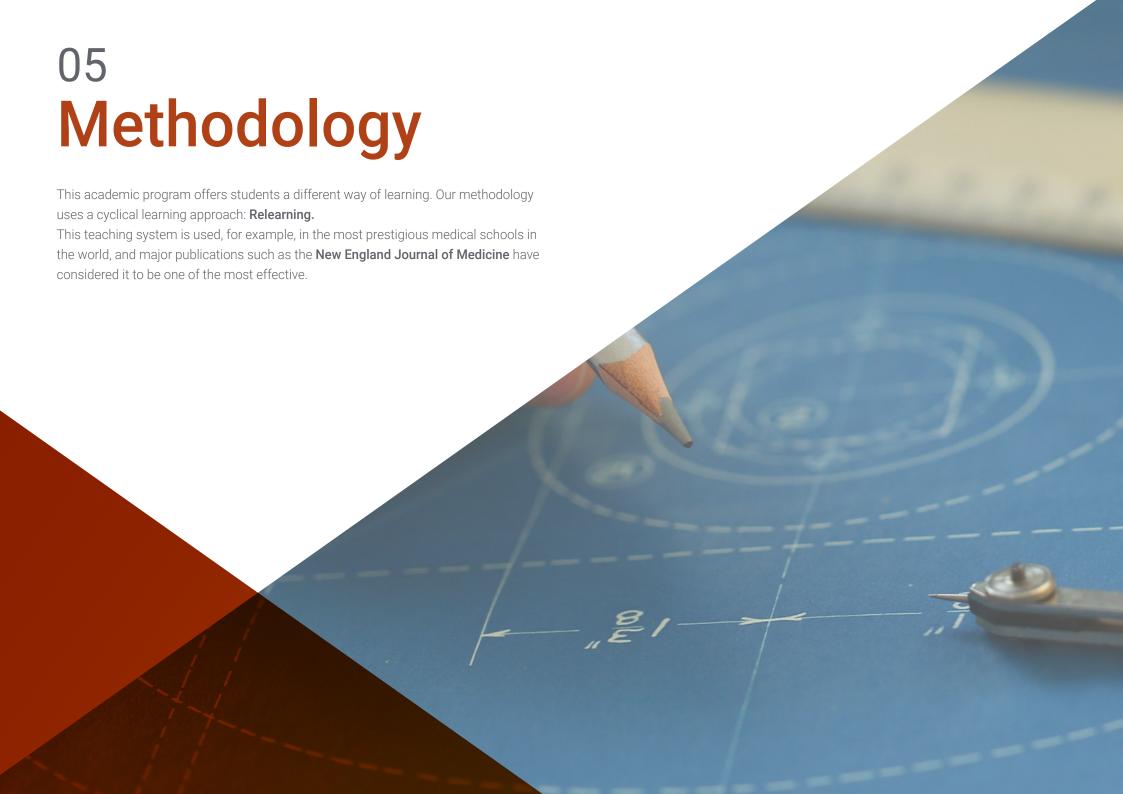
- 4.1. Current Situation and Outlook
 - 4.1.1. Current Status of Technologies
 - 4.1.2. Trend and Evolution
 - 4.1.3. Challenges and Future Opportunities
- 4.2. Digital Transformation Applied to Renewable Energy Systems
 - 4.2.1. The Era of Digital Transformation
 - 4.2.2. The Digitization of Industry
 - 4.2.3. 5G Technology
- 4.3. Automation and Connectivity: Industry 4.0
 - 4.3.1. Automated Systems
 - 4.3.2. Connectivity
 - 4.3.3. The Importance of the Human Factor Key Factor
- 4.4. Lean Management 4.0
 - 4.4.1. Lean Management 4.0
 - 4.4.2. Benefits of Lean Management in Industry
 - 4.4.3. Lean Tools in the Management of Renewable Energy Installations
- 4.5. Mass Catchment Systems. IoT
 - 4.5.1. Sensors and Actuators
 - 4.5.2. Continuous Data Monitoring
 - 4.5.3. Big Data
 - 4.5.4. SCADA Systems
- 4.6. IoT Project Applied to Renewable Energies
 - 4.6.1. Structure of the Monitoring System
 - 4.6.2. IoT System Architecture
 - 4.6.3. Cases Applied to IoT
- 4.7. Big Data and Renewable Energies





Structure and Content | 25 tech

- 4.7.1. The Principles of Big Data
- 4.7.2. Big Data Tools
- 4.7.3. Usability in the Energy and REE Sector
- 4.8. Proactive or Predictive Maintenance
 - 4.8.1. Predictive Maintenance and Fault Diagnosis
 - 4.8.2. Instruments Vibrations, Thermography, Damage Analysis and Diagnosis Techniques
 - 4.8.3. Predictive Models
- 4.9. Drones and Automated Vehicles
 - 4.9.1. Main Characteristics
 - 4.9.2. Uses of Drones
 - 4.9.3. Uses of Autonomous Vehicles
- 4.10. New Forms of Energy Commercialization. Blockchain and Smart Contracts
 - 4.10.1. Information Systems Using Blockchain
 - 4.10.2. Tokens and Smart Contracts
 - 4.10.3. Present and Future Applications for the Electrical Sector
 - 4.10.4. Available Platforms and Blockchain-Based Application Cases





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Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.



At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"



You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.



The student will learn to solve complex situations in real business environments through collaborative activities and real cases.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.



Our program prepares you to face new challenges in uncertain environments and achieve success in your career"

The case method is the most widely used learning system in the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

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Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

In 2019, we obtained the best learning results of all online universities in the world.

At TECH, you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.



Methodology | 31 tech

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

This methodology has trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, and financial markets and instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.

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This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

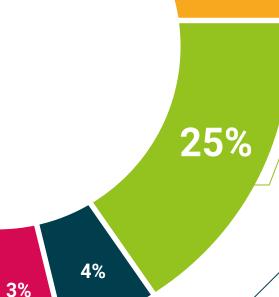


This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.





20%





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This private qualification will allow you to obtain a diploma for the **Postgraduate Diploma in Renewable Energy Systems Projects and Innovation** endorsed by

TECH Global University, the world's largest online university.

TECH Global University, is an official European University publicly recognized by the Government of Andorra (official bulletin). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: Postgraduate Diploma in Renewable Energy Systems Projects and Innovation

Modality: **online**

Duration: 6 mothhs

Accreditation: 18 ECTS



Mr./Ms. ______, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Diploma in Renewable Energy Systems Projects and Innovation

This is a private qualification of 540 hours of duration equivalent to 18 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



tech global university

Postgraduate Diploma
Renewable Energy Systems
Projects and Innovation

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

