

International Summer Camp 2020

RENEWABLE ENERGIES COURSE

SPAIN

Why study in our Campus?

1. Usurbilgo Lanbide Eskola and ZubiGune Foundation are recognized as **Reference Centers in Basque Country in Climate Change** and follow High-performance trainings methodology.

2. Our **innovative Campus** offers a park with five Renewable Energy Sources:

- Aerothermal (Heating/Cooling System)
- Thermal Vacuum Tubes for Heating
- Two Axes Solar Follower
- Smart Monitoring Systems based on CIRCUTOR
- Embedded Systems (Control Consumption Control)
- Air Heating Solar Panels
- Micro-co Generation
- ATU (Air Treatment Unit)
- Compressor Central (R410 + co2)

3. Our **teachers** combine both professional and teaching backgrounds. Most of them are entrepreneurs who have set up their own businesses related to Renewable Energies and usually collaborate with our Center for trainings and innovation projects.

4. In 2018 we have been **awarded in Sustainable Education** during the Awards of Excellence by the World Federation of Colleges and Polytechnics (WFCP) celebrated in Melbourne, Australia, among other recognized awards.

5. Our Campus is 8 km from **San Sebastian**, a coastal capital city in North of Spain that has won several awards for its contribution to the promotion of sustainable tourism and urbanism, surrounded by its three beaches, mountains, famous restaurants, social life and next to the border to France.

Why is a high-impact Summer Course? "Learning by doing"

The added value of this course lies on the **practices, workshops and outdoor activities** with photovoltaic panels and mini wind turbines as real installers and maintainers.

This course also includes **technical site visits** to real installations (business or buildings) together with their installers.

Content

This Summer Course offers interdisciplinary knowledge in the field of **renewable energies no matter what your technical background is.**

- Solar Energy (Photovoltaics & Thermal Solar Energy)
- Wind Energy (Mini wind turbines)
- Geothermal Energy
- Accumulation Techniques and Smart Micro Grid
- Electromobility for sustainability
- Practical outdoor workshops as real installers and maintainers
- Technical site visits to real installations together with their installers

Roadmap

As participants with different backgrounds can take part in this course, it has been designed into a very logical order and is been created easy to understand whatever is each one's previous technical studies or experience is.

For every topic, at the beginning teachers will lead to the same level of knowledge to all the participants with previous theoretical basis, so that everyone starts from the same starting point.

After, with outdoor workshops they will check methods and tools to develop, plan, measure and evaluate renewable and alternate systems.

Extra social activities and coordinators

Our local coordinators will be glad of helping every participant with information related to: Airports and transfer services, accommodation and housing possibilities, papers for visa and other necessary documents or actions.

Our goal is to provide **outstanding learning experience for all participants**. In addition to technical and practical knowledge, this summer course is expected to "expand students' appreciation for cultural differences and **we will be proposing some activities to do together during the afternoons (Surf lessons, San Sebastian sightseeing tours, pintxo's tours, etc.).**

Target Audience

- **University and VET Center students** who are interested in Renewable Energy and want an international experience in Spain.
- **University and VET Center teachers and professors.**
- **Experts and technicians in other fields** who want to introduce into Renewable Energy or renew their education.

Duration and Location

- From Monday to Friday, 36 hours learning+workshops+technical visits).
- From 13 th to 17 th July 2020.
- Regular schedule: 8.30 am to 2.30 pm (schedule for technical visits pending).
- Our Center is located 8 km from the coastal City of San Sebastian.

Language

English. We offer previous spanish or english course online, appropriate to your level.

Diploma

Once the course is completed, the participants will receive the Certificate issued by ZubiGune Fundazioa with the accreditation of Vocational Training Center of Usurbil.

More information

We will be glad of answering any kind of question you may have.

You can contact us by email at: info@zubigune.org

Program Coordinators:

Gloria Moya
gmoya@zubigune.org

Maitane Iraola
miraola@zubigune.org

