

International Summer Camp 2020

URBAN RENEWAL & NET ZERO ENERGY BUILDINGS 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 Campus for **Climate Change** includes following installations:

- A wood module named ENEGUR. It is a LIVING LAB and a PASSIVHAUS oriented module that combines technologies that provides the participants the opportunity to work in solutions to mitigate the CLIMATE CHANGE.
- A park with five renewable energy sources (solar energy, wind energy, geothermal energy, accumulation techniques and smart micro grid).
- Circular Bio Economy installations with a 100% self-sustaining and energy efficient system (aquaponics, worm system, sustainable aquaculture system, etc)



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 ENEGUR module was 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”

Through a practical exercise, participants will learn different concepts and strategies about Energy Efficiency in urban planning and building design.

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

Content

Main topics covered will be:

- **Sustainable development:** energy efficiency, energy consumption and demand, climate and location.
- **Urban renewal:** city planning for improving our environment.
- **NZEB approach:** bioclimatic concepts and design rules, building envelope, passive strategies.
- **Buildings retrofitting:** existing buildings stock, issues and solutions, step-by-step concept.



Roadmap

Based on “challenges methodology”, participants of this Summer Course will learn different concepts through a practical exercise or project.

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 according your budget, 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 teambuilding. Therefore, **we will be proposing some activities during the afternoons** (Surf lessons, San Sebastian sightseeing tours, pintxo’s tours, etc.).

Target Audience

- **University and VET Center students** who are interested in Energy Efficiency 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 Energy Efficiency or renew their education.

Language

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

Duration and Location

- From Monday to Friday, 30 hours (learning+workshops+technical visits).
- From 6th to 10th July 2020.
- Regular schedule: 8.30 am to 2.30 pm (due to technical visits it may change a bit).
- Our Center is located 8 km from the coastal City of San Sebastian.

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

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