



Capacity Building Programme - Overview

All the knowledge gained and developed as a consortium has been gathered for creating the final content of the Capacity Building Programme that functions as a dissemination vehicle for each main stakeholder of the BIPV and E+ Glazing value chain.

The whole programme has been designed for offering high-quality videos and content of interest no matter what your profile is. It also offers flexibility as you can decide how much time per day or week you want to dedicate to this learning experience.

The content has been divided into four modules, you can select which one adjust best to your professional ambitions and interests:

Module 1 - The Be-Smart Project: an overview

This module is open to the general audience, people who want to learn about the Be-Smart project and the technology that is being developed. You will also have the opportunity to meet some of the partners and better understand their role in the project thanks to different short interviews included at the end of the Module. This Module includes information regarding:

- Objectives
- The technology
- Consortium & Stakeholders
- Interviews

Module 2 – The BIPV Technology – Technical aspects

After the brief introduction, Module 2 aims to strengthen the information available about the BIPV technology. The main objective is that you understand some aspects of BIPV modules design, especially regarding safety and reliability testing. You will learn about the state of the art of best practices and have answers to some of the frequently asked questions: what are the materials used for this technology?, how safe are they?, how long does BIPV last?. Specifically, the content includes:

- Multifunctional EPOGs – colour and multi-functionality
- Multifunctional EPOGs – Module reliability & manufacturing process
- Glass production for BIPV

The expected audience includes architects, builders, building owners, BIPV installers, among others.

Module 3 – The BIPV Technology – Assessments & Evaluation

This 3rd module is aimed at architects, builders, building owners, BIPV installers, and policymakers. A full economic calculation based on the technical aspects is carried out, considering the different typologies of buildings, among others. You will also have the opportunity to compare BIPV/EPOG to conventional building materials, including appearance, installation, insulation properties, customer feedback, maintenance, lifetime, through the different lessons:

- Energetic evaluation
- Energetic evaluation tutorial
- Economic evaluation





- Performance assessment of BIPV systems: research on characterization methods

Module 4 – The BIPV Technology – Trends, prospects & funding opportunities

This last module is recommended for the general public as it provides useful information regarding what we can expect from this technology in the upcoming years and funding and financing opportunities. You can also have a look at the BIPV.world platform, which is a valuable tool for different stakeholders of the value chain. The content is divided into three main lessons:

- Photovoltaic Technology trends
- BIPV.world
- Business prospects and funding opportunities for BIPV projects at a European scale

