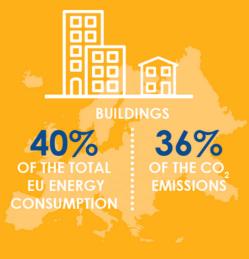


### **Buildings in the EU**





53%

OF THE EU
ENERGY
GENERATION
USES
IMPORTED
PRODUCTS
(OIL & GAS)





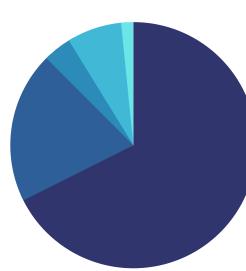




## Timeline for NZEBs implementation



# Building permit share in Cyprus



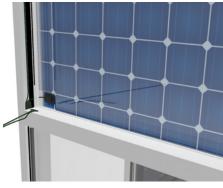
- Residential Buildings 67%
- Non-residential Buildings 20%
- Plot division 7%
- Civil Engineer Projects 4%

### **ImpAct-BiPV Solution**



Cable routing of the PV Window

Details of cable routing



Junction box position



Junction box position and cable routing



Cable routing for both PV window and PV balcony



MC4 connectors



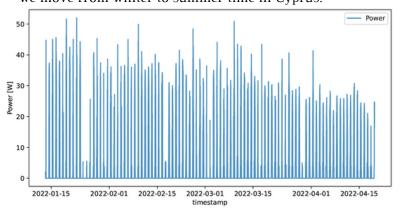
BiPV solution - Cable routing



Access to the MC4 connectors for maintenance reasons

#### Measurements from the ImpAct-BiPV pilot site

**Figure 1:** Instantaneous power measurements from the installed BIPV modules recorded over the period January - April 2022. The performance of the modules during the first months of operation showed a reduction over time which is largely attributed to the change of the angle-of-incidence as we move from winter to summer time in Cyprus.



**Figure 2:** Weekly average performance ration (PR) for the system. The gradual reduction indicates that the system is undergoing degradation outdoors.

