

ESMC Domestic Production Portfolio Label

An uptake scheme in support of local manufacturing.

The European PV Manufacturing industry faces significant challenges due to the widening gap between the prices of imported PV modules and the cost of domestically produced ones. To address this, the "Domestic Production Portfolio" (DPP) scheme is being developed by ESMC.

Similar to voluntary initiatives like LEED¹ in the US, the DPP label encourages a shift towards procuring domestically produced PV modules by offering a voluntary commitment label. This commitment involves subscribing to the program and gradually increasing the share of European modules in one's sales portfolio. It proposes mechanisms like price leveraging to mitigate the cost difference between European and imported modules — to establish a complete European value chain covering 40% of the market by 2030. Ultimately, as European PV production costs become competitive, the relevance of the DPP label may decrease, potentially becoming obsolete after 2030.

The DPP introduces the following definitions for domestic PV manufacturing:

Definition A: A domestic PV module is assembled within European borders and composed of cells, or another step in the value chain, manufactured in Europe.

Definition B: A domestic PV module is assembled within European borders and composed of cells manufactured in Europe. These cells must, in turn, be made up of wafers and ingots manufactured in Europe, or equivalent technologies.

Definition C: A domestic PV module is assembled within European borders and composed of cells manufactured in Europe. These cells must, in turn, be made up of wafers and ingots manufactured in Europe, using European polysilicon, or equivalent technologies.

The DPP scheme will undergo a pilot launch by 2025, with quotas progressively increasing each year and varying levels of local content (definitions A-C). This strategy aims to encourage the adoption of domestically produced modules, ultimately reaching the designated targets by 2030.

¹ [U.S. Green Building Council, Leadership in Energy and Environmental Design](#)