

in building-integrated photovoltaics or floating solar panels, developing "self-supplies" systems, application of the blockchain technology for trade of electricity and solar panels in agriculture. In the biomass sector, opportunities are in developing biomass market by connecting resources and processing of biomass into new products with

The Program envisages a construction of fully integrated production of photovoltaic modules, starting with the materials, through wafers and cells and up to modules, inverters and system components. In the final project phase, silicon and solar glass production shall be established, the institute said.

In October 2021, the City of Zagreb has started the Solar Roofs Program with the aim to significantly increase its share of renewable energy production through building integrated PV installations.

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Micro grids interconnect loads and distributed energy resources as a single controllable entity. New installations of renewable energy sources (RES) in urban areas, such as Building Integrated Photovoltaic (BIPV), provide opportunities to increase energy independence and diversify energy sources in the energy system.

Based on the available literature, the status and prospects for further development of the building integrated photovoltaics (BIPV) market were analyzed. The results of the analysis show that the high investment costs and the lack of information about installed BIPV systems and BIPV technology are a problem for the stakeholders.

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Building-integrated PV investment concepts presented in the following points are fully in line both with the EU Green Deal and the NECP, and have been developed to address various stakeholder needs and nation-

wide opportunities: 1. Family houses integrated PV installation:

This paper introduces needs and solutions for capacity building in cross-border regions of Slovenia-Croatia-Hungary in order to better implement energy efficiency and renewable resources...

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