

GLASS TO POWER SPA

SPIN OFF DELL'UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

WWW.GLASSTOPOWER.COM

PRESENTATION

Glass to Power SpA is a spin-off of the University of Milan Bicocca founded in September 2016 with the aim of industrializing transparent photovoltaic windows, an innovative product based on the technology of Luminescent Solar Concentrators (LSC).

Glass to Power's technology makes it possible to develop windows that will generate between 20 and 30 W per square meter without any aesthetic impact on the buildings in which they will be installed and it is compatible with the manufacturing processes of thermally insulated double glazing and, therefore, particularly suitable in Zero-Energy Buildings, i.e. buildings that are substantially autonomous from an energy point of view, as required by European legislation (directives 31/2010 / EU and 2012/27 / EU) entered into force in 2020.

PRODUCTS & SERVICES

Transparent photovoltaic windows based on LSC technology. Luminescent Solar Concentrators (LSC) are semitransparent plates of plastic materials doped with chromophores which, following the absorption of sunlight, re-emit photons with a longer wavelength.

Glass to Power's transparent, aesthetically pleasing photovoltaic windows can be invisibly integrated into the architecture of buildings to align them with the Near Zero Energy Building (NZEB) standards, restoring and improving the living comfort of those who occupy them. Glass to Power's windows are part of the building envelope, produce electricity, implement thermal and acoustic insulation and contribute to making the buildings autonomous by reducing energy needs.

Team

Francesco Meinardi - Professor of Physics at University of Milano Bicocca, inventor, founder and CEO

Sergio Brovelli - Professor of Materials Science at University of Milano Bicocca, inventor, founder and president of scientific committee

Francesco Bruni, Chiara Capitani, Marcello La Rosa, Claudio Castellani, Luca Mariani, Alessia Patscheider, Francesco Perin: R&D

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