



# The innovation in photovoltaic

*A big plant that is being built in Catania can bring the leadership in this sector back in Europe*



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A big manufacturing line of photovoltaic cells and modules, based on a double sided innovative technology: cells are encapsulated within two “glass-glass” bars, then they take the light both from the sun and from the reflections of the back side. This is the goal of the “Ampere” project” a 14-million Euro H2020 that is currently being carried out in Catania at the Enel Green Power site: the leader of an authoritative European consortium involving research centres and nine industrial partners (namely the whole production supply chain in the photovoltaic sector). Among the Italian partners, we also find Cnr and Enea. “It is a very important project - Massimo Izzi of Enea explains -: just think that in 2017, when it started, it was the only one financed by the Eu on photovoltaic.” From the technological point of view, it is a cutting edge plant that can serve as a critical drive to innovation. “Our aim is

to win back the leadership that the Eu has lost over the years, to the benefit of China and India - Izzi concludes -. With Ampere innovativeness could be reintroduced in Europe, thanks to the heterojunction technology which is known on a laboratory level, but has never been applied on an industrial scale.” ■



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