TOZZI





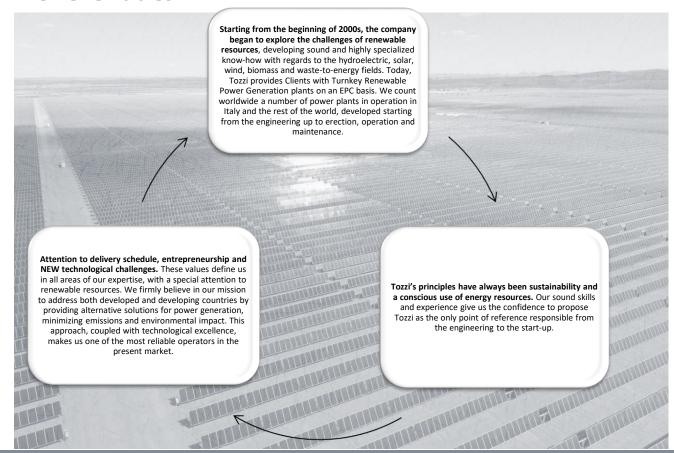
BIFACIAL PV PROJECTS TOZZI's experience

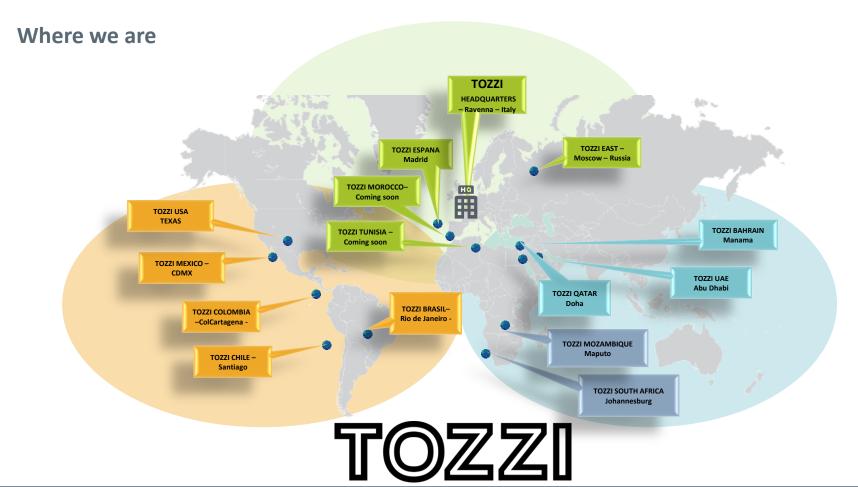
Cesare Bruno

pv magazine: Le nuove tecnologie fotovoltaiche bifacciali nel mercato fotovoltaico italiano

TUESDAY, 29. OCTOBER 2019 4PM – 5PM CET, ROME

Who we are – EPC Renewables





EPC Renewables - Solar

A strong tradition and expertise enables Tozzi to assist the Client from the design up to the start-up of solar plants (photovoltaic & CSP thermodynamic).

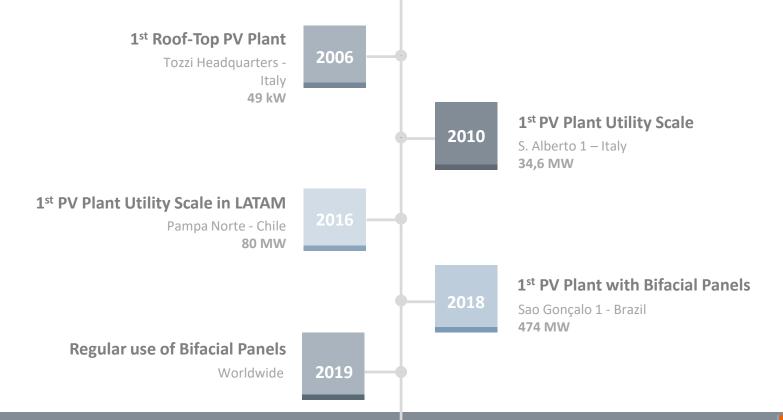
We provide timely support and assist you for the entire life of the plant with a reliable maintenance service.





Our Renewable Energy History





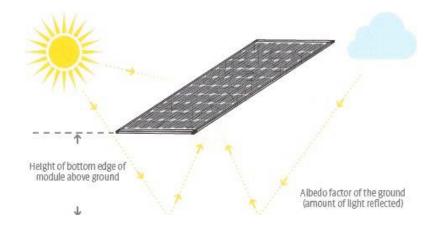
Bifacial PV Modules - Features

Bifacial PV Modules collect sunlight both from the front side and also on the rear side

Thanks to this aspect, the energy gain can increase from 3 to 15%, keeping in mind that the actual yield increase depends on the reflectivity of the ground, installation tilt, height and so on.

The two main factors which affect the additional energy yield are: the light reflectance of the surface beneath the module and the tracker's leg height/pitch considered.

Direct or diffuse light is reflected from the ground, and a portion is scattered onto the rear cell of the module.



Bifacial: New perspectives for 20 MW PV plant design



Monofacial vs. Bifacial – installation tips

No difference as regards the installation time.

Less quantity of trackers to be used.

Less kms of solar cables to be laid and connected.



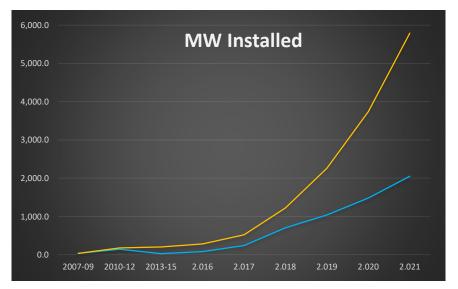


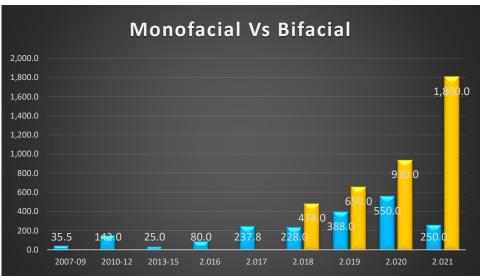
São Gonçalo PV Plant

Bifacial PV panels installation video



Monofacial vs Bifacial trend - MWp





Where Bifacial PV Panels are being installed



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THANK YOU
FOR YOUR ATTENTION.

Tozzi Srl

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