# Croatia solar energy research and development

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The report, written by Croatian experts and coordinated by the Renewable Energy Sources of Croatia (RES Croatia) Association, identifies areas in the Adriatic Sea suitable for renewable energy generation, which could far surpass the country’s current onshorerenewable energy capacity and reach levels comparable to Europe’s entire offshore wind power capacity.

At the report’s launch in Zagreb, local and international experts discussed the steps necessary to unlock this potential, including an enabling regulatory framework.

The study identified more than 29,000 km² of offshore area available for renewables, including offshore wind (both bottom-fixed and floating) and floating photovoltaic power plants. This includes several low-impact areas in the northern part of the Adriatic Sea, where up to 25 GW of offshore wind capacity that could be installed.

The reportcites the current work of the Croatian Hydrocarbon Agency to evaluate its existing and obsolete offshore gas fields for potential conversion to renewables and suggests exploring the numerous shipyards,built before independence and well connected to requisite infrastructure, for conversion into offshore renewable servicing hubs. It also identifies additional medium-impact areas with significant potential of up to 32GW.

There iscurrentlylittle solar photovoltaic (PV) capacityinstalled in the country, but a sizeable pipeline exists over the next decade. A draft law to allow the combined use of land for solar power and agricultural production may open up additional solar opportunities. Another EBRD-funded report on the potential of agri-solar in Croatia is expected to be published in the coming months, adding to the research published today.

/MUNICH, GERMANY, October 8, 2024, 11:00 CET, BayWa r.e./ BayWa r.e. is pleased to announce the completion of the Tarquinia solar park in Italy with an installed capacity of 51.4…

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