Port of spain commercial solar

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A new step by the Port of Valencia in its real commitment to decarbonisation. Third photovoltaic installation awarded in the last three months. First came the one at the Port of Gandia, followed by the solar plant at the Muelle Pr?ncipe Felipe quay in the Port of Valencia and today the one at the Valencia Terminal Europa vehicle depot. Solar energy is already here and joins hydrogen, Liquefied Natural Gas, the railway… and many more initiatives that are already underway.

The Board of Directors of the Port Authority of Valencia (PAV) has approved this morning the award of the construction and maintenance of the solar energy plant to be located on the roof of the vehicle silo of Valencia Terminal Europa in the East dock of the Port of Valencia to the joint venture made up of Lantania S.A.U and Tecmo Instalaciones, Obras y Servicios S.A.

The awarding of the contract, which, being more than 12 million euros, must be approved by the Board of Directors of the APV, amounts to 16,060,707.27 euros including VAT, with a period for the execution of the works of 19 months and 36 months for maintenance.

This is the second photovoltaic installation awarded by the PAV in the Valencian precinct. The first of these was the one being developed in the Pr?ncipe Felipe dock by the PAVASAL-PAVENER joint venture. This solar park will generate 2,353 MWh/year, equivalent to 3% of the electrical energy. With these two plants, the Port of Valencia will obtain 14% of its electricity consumption.

Valenciaport is also studying new locations for a third photovoltaic plant which would be larger than the two already allocated. The aim is to increase the use of these clean energies with a view to 2030, zero emissions. Thus, in addition to solar energy, progress is also being made in the use of hydrogen, which has already loaded H2 in the hydrogen plant installed on the Xit? quay, Liquefied Natural Gas, wind and wave energy.

In this line, it should be remembered that the Port of Gandia has also been awarded the contract for the solar plant to be located in shed 4 on a surface area of 4,500 square metres, with a power output of 990 MWh/year and which will make the Gandia site the first European port to be self-sufficient in energy. The works on this site, which will take 8 months to complete, have already begun, as part of the process of revitalising the Gandia site.

Valencia, Spain (Ports Europe) March 8, 2024 – The Port Authority of Valencia (APV) is proceeding with the construction of its second solar photovoltaic plant located on the roof of the vehicle silo of the VTE concession in the East Dock. Installation works began in March 2023 and are expected to be completed in the…

The PAV is to install a photovoltaic energy plant for self-consumption, whose solar energy collectors will be

located on the roof of shed 4 of the Port of Gandia, and electrical energy storage equipment will also be installed. Once awarded, the construction of the solar power plant will take 8 months and the maintenance period will be 52 months.

In addition to this photovoltaic plant in the Port of Gandia, Valenciaport is planning to install two other plants in the Port of Valencia, one of them in the Valencia Terminal Europa car silo, and the other between the Pr?ncipe Felipe dock and the Club N?utico de Val?ncia.

This initiative is part of the objective set by Valenciaport to achieve the goal of zero emissions by 2030, the reduction of dependence on fossil fuels and energy autonomy. To this end, investments will be made to promote renewable energies from hydrogen, photovoltaic (in Gandia and Valencia) and wind power, the installation of two electrical substations in the Port of Valencia, or the use of alternative fuels such as LNG, among other actions.

The president of the PAV, Aurelio Mart?nez, emphasised that “this is another step towards our Valenciaport 2030 objective, zero emissions. In Valenciaport we act with facts and concrete projects that show the commitment of the PAV and the port community to the fight against climate change and decarbonisation”. Mart?nez underlined that “the Port Authority is going to allocate 130 million euros, to which the effect of private investments will have to be added, in sustainability actions”.

Along these lines, the head of Valenciaport recalled other projects such as “the installation of the hydrogen plant within the framework of the H2Ports project which will position us as the first port in Europe in the use of hydrogen, the project for a wind farm in the Port of Valencia or the construction of two electrical substations in the Valencia area, one of which is already under construction, which will allow ships docking to connect to the port’s electrical network and switch off their engines”.