



State role in stimulating of Green Hydrogen production in Ukraine

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SPP Development Ukraine



ABOUT DEVELOPER

DEVELOPER

EPC

OPERATION & MAINTENANCE

SPP Development Ukraine company is a multicompetent professionals in all aspects dealing with Renewable Energy sphere. We create solid, reliable and most technologically advanced Projects.

SPP Development Ukraine has extensive experience of successfully leading projects from conception to implementation and operation in partnership with international investors.



REAL PRACTICE EXPERIENCE:

The total capacity of completed projects of Solar Power Plants
for the period 2020-2022 more than

110 MW (DC)

Experience in the construction of Substations of regional significance

10/110 kV

Currently we provide O&M, forecast and commercial metering, dispatch management for

111 MW (DC)

Completed construction of overhead lines for external connection

110 kV and 10 kV

Completed design and construction of external connection cable lines

110 kV and 10 kV

Completed arrangement and restoration of critical infrastructure in Ukraine

800 units and 17 SPP

Completed design and construction of industrial and administrative buildings, roads and
foundations

in 16 cities

HYDROGEN EUROPE

Hydrogen Europe is the European association representing the interest of the hydrogen industry with more than 400+ members, including 25+ EU regions and 30+ national associations.

SPP Development Ukraine is a member of Hydrogen Europe since 2022.

Our team participates in Hydrogen Week 2022.



SPP
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UKRAINE



Hydrogen
Europe

POTENTIAL OF UKRAINE

RESOURCES

Ukraine has all the necessary resources for the development of hydrogen (H₂), namely: territory, favorable natural conditions for the construction of RES, and a large supply of water.

The geographical position of Ukraine on the border with EU countries and the possibility of transportation through rivers/sea creates favorable conditions for the development of hydrogen export to Europe.

GLOBAL DEVELOPMENT

The "Green Deal" agreement approved the direction of EU countries to decarbonize and increase the consumption of green hydrogen (H₂).

According to the EU Hydrogen Strategy until 2050, it is expected that by 2030 water electrolyzers with a total capacity of 8 GW will be built in Ukraine

POTENTIAL

The potential for green hydrogen production in Ukraine is 505,132 million cubic meters (44,957,000 thousand tons).



STATE SUPPORT

APPROVAL OF THE REGULATORY AND LEGAL FRAMEWORK

- Ensure the development of a regulatory framework for hydrogen energy development
- Adopt the Hydrogen Strategy taking into account the key provisions of the EU Hydrogen Strategy
- Adoption of the relevant sector Law
- Ensure the development and implementation of technical standards, in particular regarding guarantees of hydrogen origin
- Amendments to other normative legal acts, by-laws, etc

ECONOMIC SUPPORT

- Tax benefits
- Exemption from rent for a plot of land or tax land
- Payment exemption for connection fee to communications (electrical networks, sewage, etc.)
- Creating an attractive investment possibilities





STATE SUPPORT

INFRASTRUCTURE DEVELOPMENT

- Modernization of the gas transportation system of Ukraine
- Prediction of hydrogen export routes to the EU

PRIVILEGES FOR HYDROGEN CONSUMERS

- Tax and financial benefits

EDUCATION AND TRAINING

- Preparation of educational programs and training for engineers
- Exchange of experience in the construction and operation of hydrogen plants with international partners

CONTACT US

THANK YOU FOR YOUR ATTENTION

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