Development of hydrogen economy in Ukraine

Oleksandr RIEPKIN
Hydrogen production potential of Ukraine

The total potential of average annual production of green hydrogen – 505,132 mln Nm3 (44,957 thousand tons)

The potential of average annual production of green hydrogen:

by offshore wind farms – 218,742 mln Nm3 (19,468 thousand tons)

by onshore wind and solar power plants - 286,390 mln Nm3 (25,489 thousand tons).
European Hydrogen Backbone
Central Europe energy corridor
Hydrogen Valleys

1. H2Drive Hydrogen Valley
   - Large-scale Hydrogen valley export and local mobility focused on the western part of Ukraine

2. H2U Hydrogen Valley
   Construction of a green hydrogen production plant in the south of Odessa region, Ukraine
Trans-European Transport Network
Thank you!