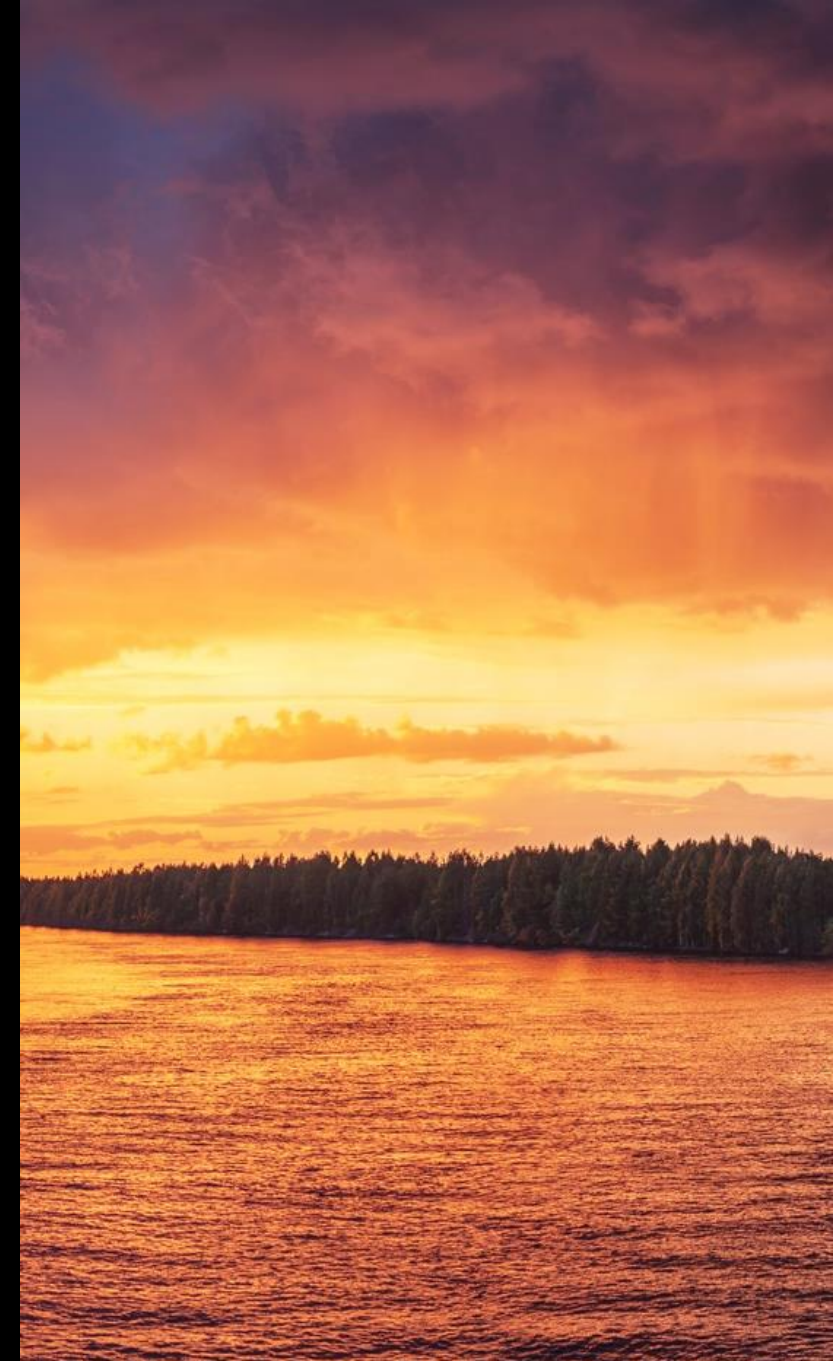


# VAALA HYDROGEN<sup>Y</sup> REFINERY:

Harnessing Northern  
Wind and Solar for Secure  
and Sustainable future

Reija Knuutila, Business Director, Vetyalfa Oy, 13.2.2025



# KEY HIGHLIGHTS OF VAALA PROJECT

## Value chain management: from wind and solar to hydrogen

A portfolio of 6,000 MW of wind power, leveraging wind resources to generate clean, renewable electricity.

## Maximum scale as a starting point

Anticipating future growth, the technical design and permitting process enables to scale the project to maximum capacity of the national grid.

## Targeting the most valuable product

The renewable energy portfolio is designed to maximize the value of these renewable energy resources, optimizing the hydrogen and e-fuel production.

## Vaala, leader in green transition

Vaala offers excellent conditions with over a decade of experience in wind power project development and strong expertise in enabling renewable energy, the region is well-equipped for large-scale energy projects.

Its grid infrastructure, railway connections, and synergies with other infrastructure projects further enhance suitability.

## Designing the project flexible to market uncertainties

Continuously monitoring market conditions and trends  
Adapting project plans, strategies, and tactics as needed.  
Fostering a culture of innovation and adaptability within the project team.

# TIMELINE AND NEXT STEPS

