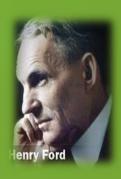


«Coming together is a beginning; keeping together is progress; working together is success»





A **Hydrogen Strategy** for a climate neutral Europe

#EUGreenDeal

8 July 2020







A hydrogen Strategy for a climate neutral Europe

The EU Hydrogen Strategy will give a boost to **clean hydrogen production** in **Europe**. Hydrogen can be used as a **feedstock**, a **fuel** or **an energy carrier and storage**, and has many possible applications which would reduce greenhouse gas emissions across industry, transport, power and buildings sectors. The Commission's economic recovery plan 'Next Generation EU' highlights **hydrogen as an investment priority** to boost economic growth and resilience, create local jobs and consolidate the EU's global leadership.







EU Energy System Integration Strategy

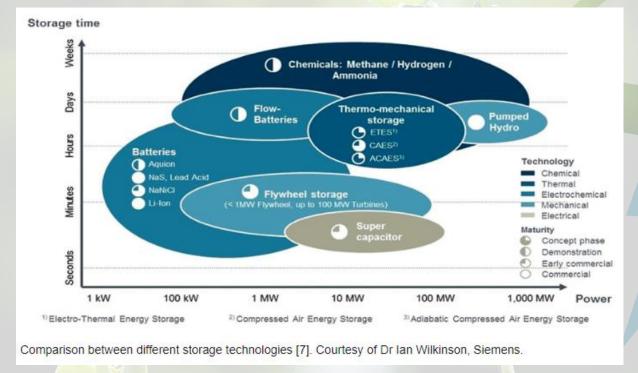
Future EU integrated energy The energy system today: linear and wasteful flows of energy, in one system: energy flows between users and producers, reducing wasted direction only resources and money







2018 Energy Storage From journal: "Progress in Energy and Combustion Science"







From Farm to Fork - Strategy











Make sure Europeans have access to healthy, affordable and sustainable food Tackle climate change

Protect the environment and preserve biodiversity Ensure a fair economic return in the supply chain

Increase organic farming





From Farm to Fork – Strategy 2030 targets



The use of pesticides in agriculture contributes to pollution of soil, water and air.

The Commission will take action to reduce the use of chemical and more hazardous pesticides by 50%



The **excess of nutrients** in the environment is a major source of air, soil and water pollution, negatively impacting biodiversity and climate. The Commission will act to

- reduce nutrient losses by at least 50%, while ensuring no deterioration on soil fertility
- · reduce fertilizer use by at least 20%



Antimicrobial resistance linked to the use of antimicrobials in animal and human health leads to an estimated 33,000 human deaths in the EU each year. The Commission will **reduce the sale of antimicrobials for farmed animals and in aquaculture by 50%.**



Organic farming is an environmentally-friendly practice that needs to be further developed. The Commission will help the EU's organic farming sector to grow, with the goal of 25 % of total farmland being used for organic farming by 2030.





From Farm to Fork - Strategy



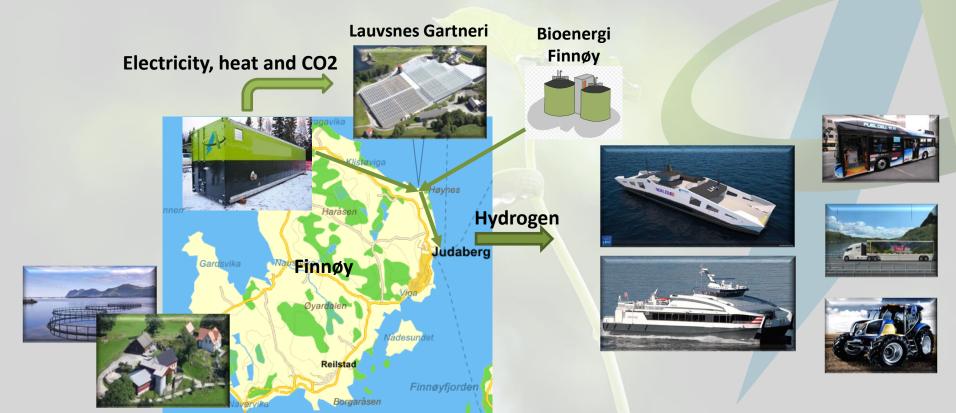
"The coronavirus crisis has shown how vulnerable we all are, and how important it is to restore the balance between human activity and nature. At the heart of the Green Deal the Biodiversity and Farm to Fork strategies point to a new and better balance of nature, food systems and biodiversity; to protect our people's health and well-being, and at the same time to increase the EU's competitiveness and resilience. These strategies are a crucial part of the great transition we are embarking upon."

Frans Timmermans, Executive Vice-President of the European Commission





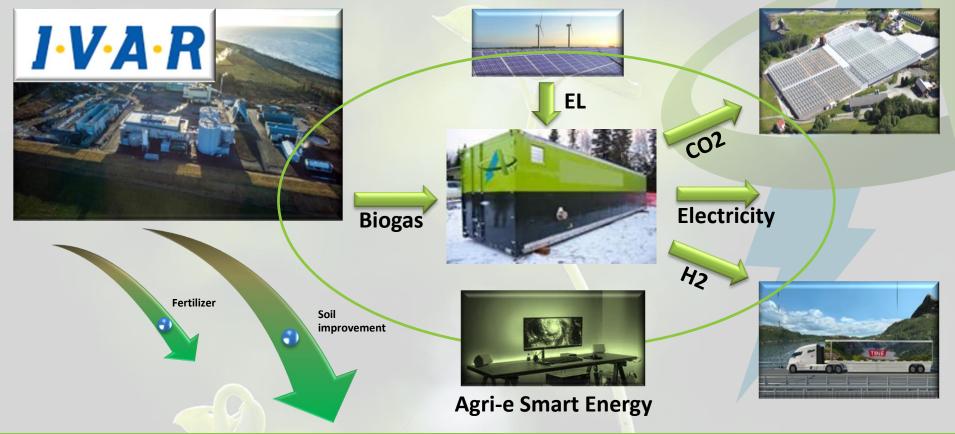
Finnøy, resource utilization across sectors





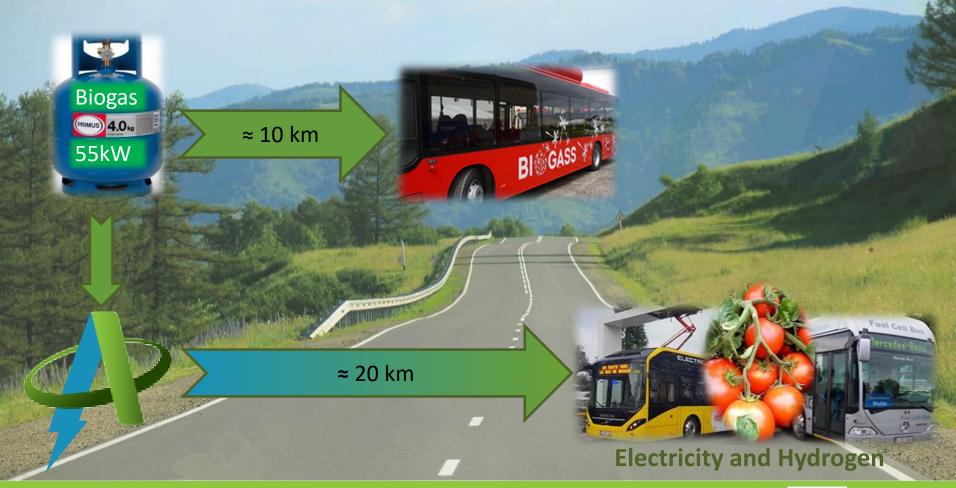


Resource utilization across sectors









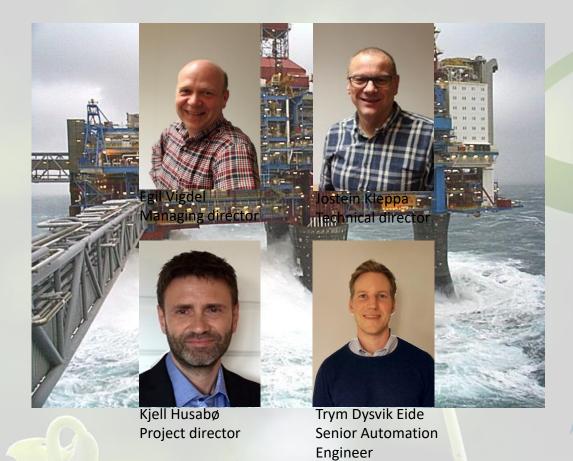
















Our partners















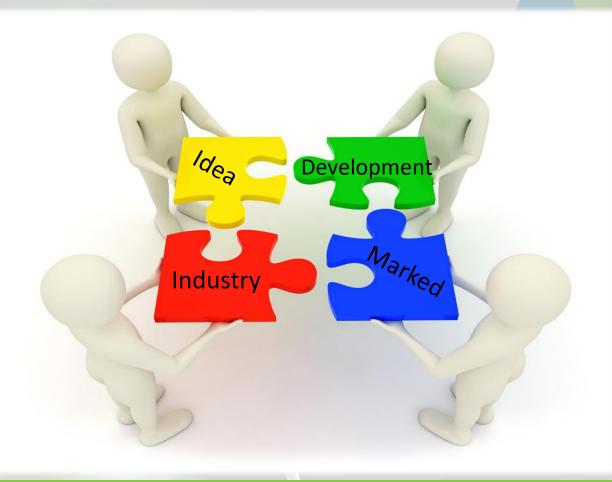
















Strategic Execution for Norwegian Energy Solutions (NES)



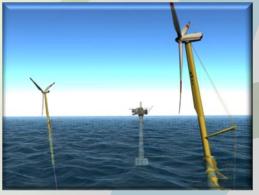


Oil & Gas

New Innovations
Subsurface Solutions
Low Emission
Decom



Transfer Learning



New Energy

Transformation process
New energy Solutions
Carbon handling









