

Decarbonisation partner
and pioneer in the energy transition

We are building up a diversified project portfolio of local production plants and international hydrogen import projects in order to meet demand in our core markets (Austria, Germany and Spain) in the long term.

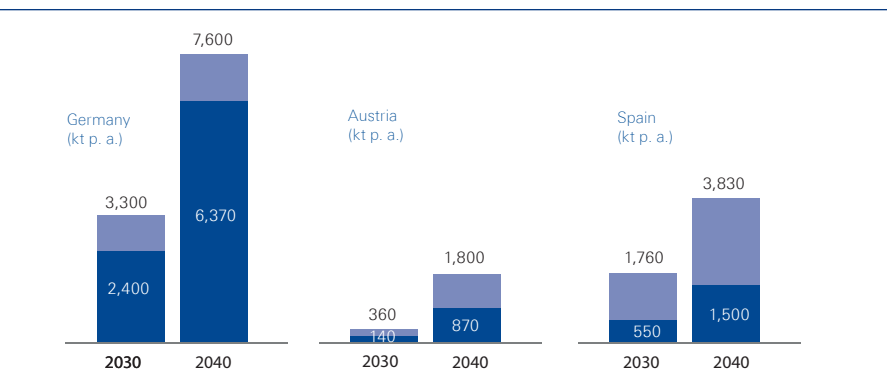
In areas that are difficult to electrify, green hydrogen is seen as a [key technology for decarbonisation](#). The need to reduce CO2 emissions in these energy-intensive industries such as steel, fertilisers and heavy transport are leading to an increasing demand for green hydrogen and are key drivers of the energy transition.

In the short term, the focus is on an extensive project portfolio, which will guarantee [the increasing](#)

[demand of industry](#) as well as supply and location security through local production.

In the [long term, the sharp rise in future demand can only be met by large-scale projects](#) from regions with optimal production conditions. These large quantities of green hydrogen are transported to customers in our core markets via various import corridors, thus securing their energy supply in the long term.

Hydrogen demand in VERBUND core countries

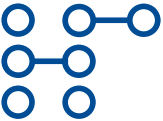


Light blue areas show the fluctuation range of expected annual demand

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Verbund
By our own power.



Sustainable
energy solutions
with green hydrogen

Green hydrogen:
one of the three pillars of VERBUND's strategy

VERBUND generates around 98% of its electricity from renewable energies, especially from hydropower and increasingly from wind and photovoltaics. The company is active in 12 countries and generated an EBITDA of approx. EUR 3.5 billion with approx. 4,100 employees. With a market capitalisation of almost EUR 30 billion, VERBUND is the most valuable company on the Vienna Stock Exchange

VERBUND Green Hydrogen GmbH was founded in 2023 to [actively shape the energy transition](#). With a dedicated team of 50 experts, we are establishing ourselves as a European hydrogen player and driving the expansion of the hydrogen economy.

Our team combines wide-ranging expertise in three areas: In Business Development, we manage [business development, plan large-scale import projects](#) and build the forward-looking partnerships that are critical to the successful delivery of hydrogen in the future.

In the area of Asset Development & Operations, we have in-depth technical knowledge. Our experts are experienced in the [planning, construction and operation of hydrogen projects](#), ensuring the efficient utilisation of production facilities.

The Business Steering & Marketing department is responsible for the [strategic direction of our activities](#). Through in-depth market analyses, regulatory and financial expertise we ensure that our projects meet the needs of the market.

Our ambition is to lead the energy transition in Europe.

Strengthening our home market

Focus on Austria and Germany as key markets with the expansion of renewable energies, e-mobility and flexibility.

Expansion of renewable energies in Europe

Utilisation of existing resources and development of new projects to reduce dependence on fossil fuels.

Establish as a European hydrogen player

Development of a green hydrogen economy through local projects and strategic partnerships in target markets.

We focus on local production...



- H2Future**
- 6 MW electrolyser
 - Up to 800 t H2 / year
 - Integration into steel production process
 - Further development to filling plant
 - Trailer filling up to 500 bar (5.0 quality)



- Green Ammonia Linz**
- 55 MW electrolyser
 - Up to 7 kt H2 / year
 - For fertiliser, melamine and technical nitrogen production
 - By-products: O2 and waste heat
 - Up to 90 kt CO2 savings / year



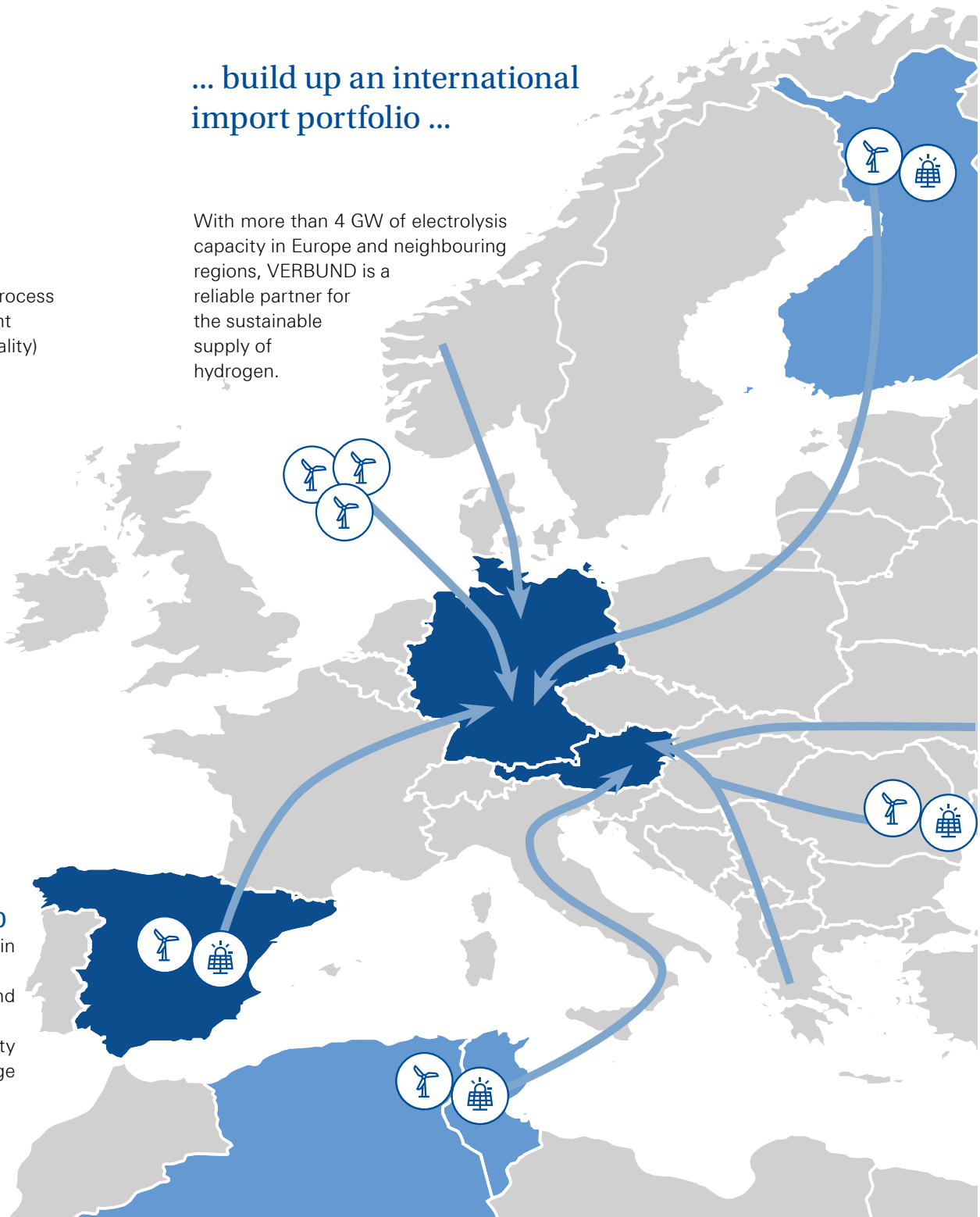
- Pannonian Green Hydrogen**
- 60 MW - 300 MW Electrolyser
 - 9 kt - 40 kt H2 / year
 - Generation from newly constructed wind and solar energy
 - Consumers in eastern Austria



- Underground Sun Storage 2030**
- Seasonal storage of green H2 in former gas reservoirs
 - Research on energy utilisation and industrial processes
 - Investigations on microbial activity and the influence on storage

... build up an international import portfolio ...

With more than 4 GW of electrolysis capacity in Europe and neighbouring regions, VERBUND is a reliable partner for the sustainable supply of hydrogen.



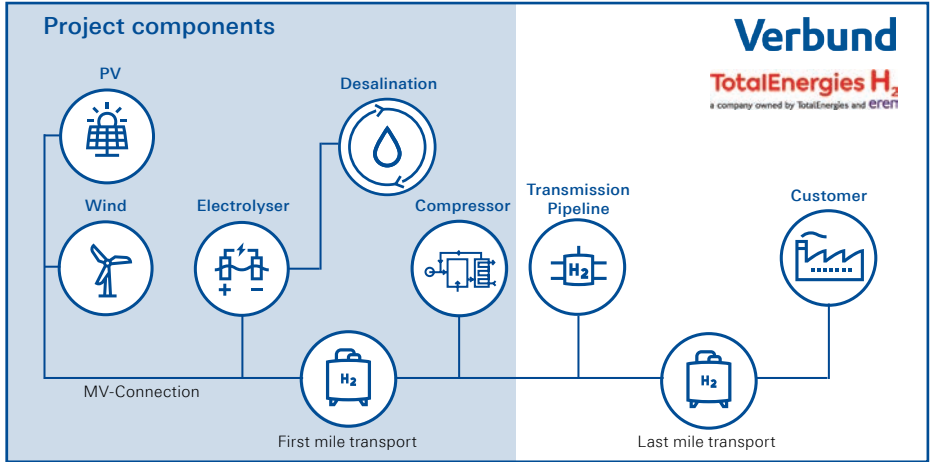
... and develop large-scale import import projects

The H2 NOTOS project, a cooperation between VERBUND and TEH2, is a key element in VERBUND's import portfolio.

The ideal wind and solar energy potential in Tunisia allows us to plan a GW-scale electrolysis plant at the Notos project, which will produce 200 tonnes of green hydrogen per year in the first phase.

Desalination plants will supply the green hydrogen produced, which will

be transported via pipelines in the southern corridor to our customers in core markets. Future plans include increasing production capacity to up to 1 million tonnes per year. NOTOS thus represents a milestone in Europe's future security of supply.



Diversified import portfolio
Further project developments and evaluations are taking place in Europe and neighbouring countries, e.g. in Scandinavia, Spain, Tunisia and Algeria.

We cooperate with leading partners and liaise closely with the relevant infrastructure operators. Examples of this include Masdar and Enagás Renewable for project developments in Spain and Sonatrach in Algeria.

Hydrogen initiatives:
Common interests, common successes

Cooperation in import alliances is an important success factor in the development of clear roadmaps for covering the growing demand for hydrogen.

Hydrogen Import Alliance Austria
The HIAA, initiated by VERBUND, comprises eight Austrian companies along the entire hydrogen value chain. The focus is on green hydrogen imports in order to secure the industrial location in the long term and achieve the climate targets. From 2030, the green hydrogen via pipelines be imported via pipelines.

Hydrogen Import Bündnis Bayern
The Austrian-Bavarian Bündnis (HIBB) consists of six leading companies that are jointly developing a strategy for importing hydrogen to Bavaria. From 2030, hydrogen should be available in sufficient quantities and on a sustainable basis. Bavarian industry is the main customer.

These alliances are essential in order to obtain a consolidated view of the interactions along the value chain and to develop concrete solutions for the ramp-up of the hydrogen economy.

Our common goals:

- Accelerating the hydrogen economy
- Coordinating production transport and use
- Solving the 'chicken and egg' problem
- Sharing expertise and resources
- Developing concrete solutions for relevant stakeholders and policy makers

