The diversification of our import routes is extremely important. To this end, we are promoting and initiating strategic hydrogen partnerships.

When it comes to the selection and development of import regions, we apply several clear criteria: favourable generating conditions for renewable energy and thus access to cost-optimal hydrogen production, the connection to existing or future infrastructure, as well as feasibility based on local support and partners.

Domestic markets and expansion

Austria and southern Germany are key markets for us and we continue investing in them in order to offer long-term solutions that secure both countries as industrial locations. At the same time. we are positioning ourselves in the emerging Spanish hydrogen market.

Value chain and international partnerships

We operate along the entire value chain and shape the hydrogen industry from the demand side. Through alliances with key partners in Austria and Bavaria, we are working on the feasibility of hydrogen imports and clarifying issues surrounding demand, infrastructure, regulation, financing and support.

VERBUND is currently building an extensive import portfolio within Europe and in neighbouring regions. Project developments are currently underway in Scandinavia, Spain, Tunisia and Algeria, among others. We are cooperating with various partners and coordinating closely with the relevant infrastructure operators, for example the NOTOS project in Tunisia together with TEH2, with Enagás Renovable for project developments in Spain or with Sonatrach, VNG, SNAM and SeaCorridor for the import of hydrogen from Algeria.

Selected import routes under



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Verbund

By our own power.



Green hydrogen for a clean energy future.

Rapidly growing demand for green hydrogen in southern Germany and Austria until 2040.

hydrogen plants as well as in preparing

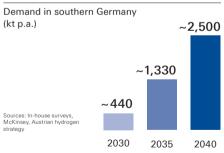
funding applications and steering the

entire funding process. Our goal is to

establish sustainable partnerships that

not only generate innovative solutions but also guarantee the long-term suc-

cess of hydrogen projects.



Sources: In-house surveys, McKinsey, Austrian hydrogen

VERBUND assists in evaluating funding opportunities and co-financing for

Hydrogen production

The collaboration with VERBUND is

characterized by joint development

in a spirit of partnership. By combining

a comprehensive understanding of the

and sound (co-)financing know-how.

only innovative but also economically

supply of projects with green electri-

city does thereby constitute a central

Together with our clients, we create

tailor-made electricity supply models that

meet their specific needs while also en-

We consider all regulatory requirements

and rely on established standards to

VERBUND coordinates the technical

planning and engineering and handles

all necessary authorizations, including

the preparation of detailed cost estima-

tes and operating concepts. The smooth

transition to the realization phase, which

includes construction, quality assurance

and commissioning, is an integral part

of our portfolio.

ensure efficient implementation.

suring sustainable hydrogen production.

element.

successful. The secure and economic

we ensure that the projects are not

market, leading technological expertise,

for a sustainable future.

Sources: In-house surveys McKinsey, Austrian hydrog Demand in Austria (kt p.a.)

~1,000-1,800

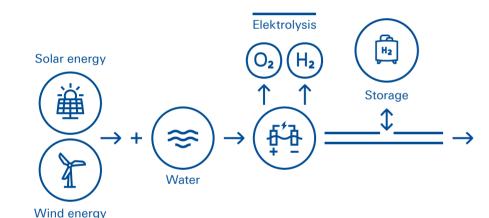
2030

Green hydrogen

Our aim is to provide a secure and sustainable supply for our customers through diversified transport corridors.

1. Production

VERBUND is working towards cost-efficient and sustainable production and import of hydrogen to ensure long-term security of supply for our customers.

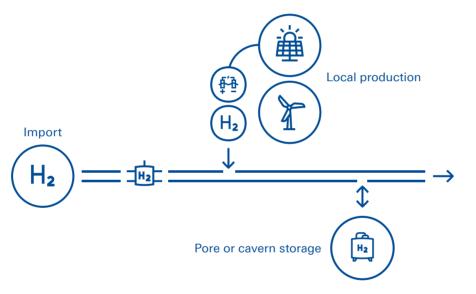


We are driving local green hydrogen production to meet short-term demand while simultaneously building up longterm hydrogen imports for the comprehensive decarbonisation of energy-intensive industries. Next to local production, hydrogen imports are crucial for industrial decarbonisation and the success of the energy transition.

In collaboration with Burgenland Energie VERBUND is developing a promising project, in which locally generated renewable electricity in northern Burgenland is used directly to feed the hydrogen production. and plans to supply industrial customers in eastern Austria with green hydrogen. In its final expansion, the project targets 300 MW of electro-

2. Transport and storage

The path of green hydrogen to the consumer must be considered.



Reliable transport routes are crucial for the efficient supply of green hydrogen to our core markets. Pipelines play a key role in this regard, with European network operators repurposing existing pipelines and building new ones to create a extensive hydrogen network. To secure the supply of hydrogen, it is necessary to store it in order to balance out fluctuating production and/or demand and ensure needs-based deliveries.

VERBUND is working on the synchronized ramp-up of the entire value chain and thereby also assumes a coordinating role in developing the hydrogen infrastructure.

VERBUND is a supporting partner of the SouthH2Corridor PCI project and also supports Flow and H2erkules, two other PCI projects.

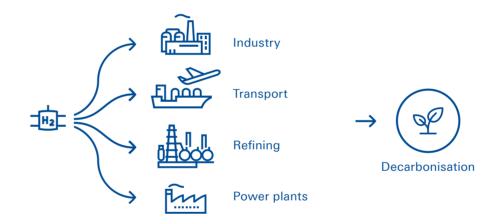






3. Application

Utilisation of green hydrogen for the decarbonisation of energy-intensive industry.



VERBUND partners with energy-intensive industries to decarbonise their operations. This is particularly important for industries where direct electrification is not possible and green hydrogen is essential, such as refineries and ammonia production. The steel industry is also increasingly turning to green hydrogen, as demonstrated by VERBUND's H2FUTURE project with voestalpine and Siemens. Hydrogen is considered as an alternative in heavy

goods vehicles and long-distance transport as well as in aviation and shipping. It may further be blended in natural gasfuelled thermal power plants.



VERBUND and LAT Nitrogen are working on the EU-funded "Green Ammonia Linz" project to develop a 60 MW electrolysis plant for sustainable ammonia production. The use of green hydrogen could thereby save up to 90,000 tons







The VERBUND green hydrogen team: expertise and experience.





Asset Development & Operations

The team develops customised hydrogen generation projects in close partnership with customers. As an integrated energy company, we contribute to the decarbonisation of local industry and support the achievement of climate targets. The collaboration includes the development of innovative H2 solutions, the provision of market and technology expertise and the securing green electricity supply.

Business Development

The team is working on the development of a diversified supply portfolio to import significant amounts of green hydrogen from regions with favourable topography to Austria and southern Germany. They establish multi-layered partnerships for

large-scale generation projects and the transport of the produced hydrogen to Central Europe. Meanwhile, commercial management develops business relationships on the demand side and identifies the long-term needs of our main customers in our core markets.

Marketing & Business Steering

tion and development of our hydrogen activities. It keeps a constant focus on trends, market developments and the decisive hydrogen regulations throughout the entire process – from project initiation, market analyses and innovation management to submission of funding programmes and the preparation of profitability calculations.

The team manages the strategic direc-