TAG GMBH –
WE ENSURE THAT ENERGY CAN FLOW

TAG GmbH is a leading Austrian transmission system operator and an important partner in the supply of gas for Austria and Europe and of other grid-based renewable forms of energy such as biogas and hydrogen. Its core business is the transportation of natural gas and the operation and maintenance of gas pipelines and facilities for the reliable and safe supply of energy for Austria and adjacent countries. With 50 years of experience in the gas transport business, TAG has grown to become a vital European interconnector.

Its pipeline system connects Baumgarten in Austria with Tarvisio in Italy over a distance of 380 kilometres. The TAG pipeline network consists of around 1,140 km of high-pressure natural gas pipelines from the Slovakian-Austrian border to the Austrian-Italian border. Gas can be transported from Austria to Italy ("flow direction") and from Italy to Austria ("reverse flow direction") within the technical limits of the TAG pipeline system. Along the route in Austria, the natural gas pipeline also supplies natural gas for the federal states of Lower Austria, Styria and Carinthia and also for transport to Slovenia via the SOL pipeline. TAG is intensively involved with the possibilities for a rapid energy transition and is working on solutions both nationally and internationally within the framework of memberships.

Transport: reliable, fast and environmentally friendly

Gas is transported quickly and invisibly to customers underground through pipelines with a diameter of about 1.0 m. So-called compressor stations are used at regular intervals to maintain the flow rate of approx. 30 km/h over long distances in the large pipelines.

The electric compressors increasingly used today are driven by high-speed electric motors with magnetic bearings. This modern technology is particularly characterised by increased efficiency and environmental friendliness.

Safety: modern and reliable

The pipelines run underground along the entire route, and numerous measures are in place to ensure their safety. External coating insulation and cathodic protection system guard against corrosion. Devices known as "pigs" are used to clean and check the technical condition of the pipelines regularly. Additionally, the entire pipeline route is regularly inspected: on foot, by vehicle and from the air.

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180

180 Employees

Owner

Snam S.p.A. 84.47 % Gas Connect Austria GmbH 15.53%

1140 km

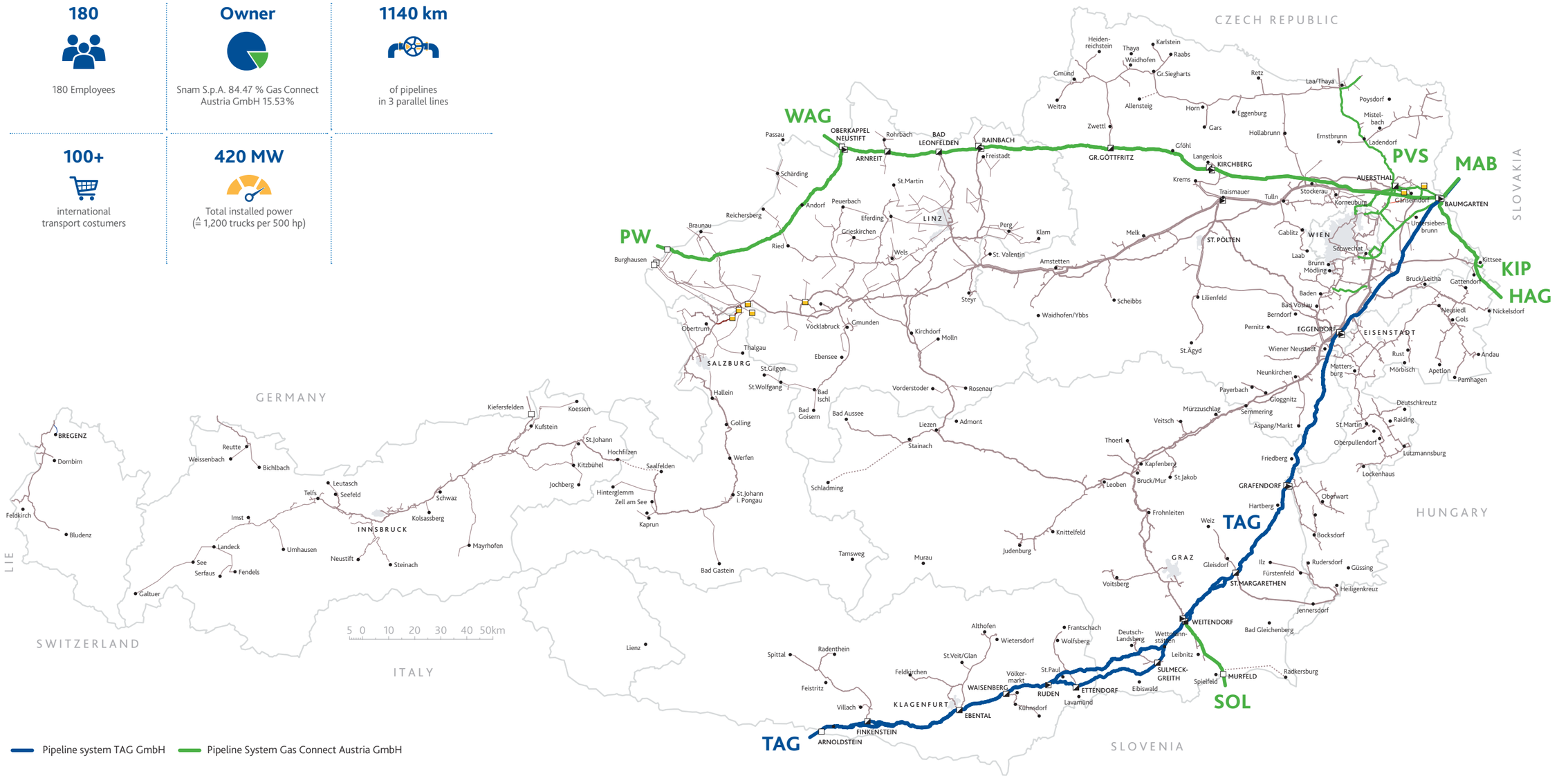
of pipelines in 3 parallel lines

100+

international transport costumers

420 MW

Total installed power (≙ 1,200 trucks per 500 hp)



Pipeline system TAG GmbH — Pipeline System Gas Connect Austria GmbH

WAG West-Austria-Pipeline (DN800 + DN1200)
SOL Süd-Ost-Pipeline (DN500)
HAG Hungaria-Austria-Pipeline (DN700)
PW Penta West (DN700)

KIP Kittsee-Petrzalka-Pipeline (DN500)
MAB March-Baumgarten-Gas pipeline (DN500)
PVS Primärverteilungssystem (DN100 - DN1200)
TAG Trans-Austria-Gasleitung (DN900 - DN1050)

Gas pipeline — in operation ····· planned or under construction
☐ Messstation (international) ◪ Abzweigstation
▨ Untertage-Erdgasspeicher ▶ Verdichterstation

Sources: BMWET, E-Control, GCA, TAG

NATURAL GAS in Austria

10 %

Share of gas in electricity generation

6.7bn m³

Domestic gas

18 %

Share of gas in gross energy consumption

8.52bn m³

Storage capacity

TAG as a Pioneer of the Energy Transition

Austria is a key player in the European energy sector and we are proud to be part of it. Thanks to its central location, Austria's transmission network enjoys outstanding interconnectivity with those of neighbouring countries. For example, our pipeline system in the northwest transports gas to Germany via the WAG (West-Austria-Gasleitung) system of Gas Connect Austria GmbH. In the northeast, we connect to the system of the Slovakian TSO eustream, a.s., in the southeast to Slovenia via Gas Connect Austria GmbH's SOL pipeline, and in the south to the Italian transmission system operator Snam S.p.A. We are able to transport gas in both directions – from the Slovakian-Austrian border to the Italian border and vice versa against the main flow direction (reverse flow).

With the aim of developing the required infrastructure as an integral part of the network in a timely manner, we are active members in two initiatives of transmission system operators. These initiatives share information on individual routes, promote their development, and coordinate the routes:

1. The hydrogen route of the "SouthH_2 Corridor" initiative runs along the pipeline systems of SNAM in Italy and TAG GmbH in Austria and then via the Gas Connect Austria network to Bavaria. For more information on the SouthH_2 initiative see www.south2corridor.net

2. The hydrogen route of the "SunsHyne Corridor" initiative also runs along the pipeline systems of Snam in Italy and TAG GmbH in Austria, but then continues northwards via Slovakia and the Czech Republic to Germany. For more information on the SunsHyne Corridor initiative see www.sunshynecorridor.eu

The ultimate goal of the two initiatives and routes is to create a transport infrastructure for hydrogen from North Africa across the Mediterranean and into Europe.

The intention is to develop the projected demand of transport capacities and provide an infrastructure to ensure the supply of hydrogen.

We are firmly committed to paving the way for a Pan-European Green Hydrogen Future

The "H_2 Readiness of the TAG Pipeline System" project is of critical importance for our domestic energy supply. This project will convert parts of the existing TAG pipeline system, enabling reliable large-scale hydrogen transport. It will then be possible to import low-cost hydrogen from North African production regions to Europe and to supply industrial sites in Austria and Germany with sustainable renewable energy.

TAG H_2 READINESS

The project was submitted by us to the European Commission and was included in the 6th Union list of Projects of Common Interest (PCI) on 28 November 2023. On 8 April 2024, it was announced that our project "H2 Readiness of the TAG pipeline system", part of the SouthH_2Corridor and recognised as the "Hydrogen Corridor Italy-Austria-Germany", has been granted PCI status by the European Commission.

The project is being supported by leading players from the worlds of politics and business, including the Austrian Federal Ministry for Economy, Energy and Tourism (BMWET) and many of the companies located along the planned hydrogen corridor.