

# Climate change

Objectives	Measures	Status	Target year	Comments on target achievement
<b>Continuation of a reduction programme for methane emissions</b>	The programme of measures adopted comprises a bundle of operational projects aimed at achieving the methane emission reduction targets. This programme covers all areas of RAG's operations, including crude oil and natural gas production and gas storage.	●	2023/2024	The successful implementation of various measures and projects enabled the targets to be achieved and methane emissions to be significantly reduced.
<b>Reduction of GHG emissions</b>	Replacement of natural gas-powered combined heat and power units with hydrogen-compatible units	●	2023/2024	An H <sub>2</sub> CHP plant to provide base energy for the Puchkirchen/Gampern site was commissioned in 2024.
	Further construction of photovoltaic systems	●	2023/2024	The UGS storage sites in Haidach, Oberkling, Zagling and Nussdorf Nord were Reduction of GHG emissions equipped with PV.
	Introduction of electromobility in the vehicle fleet through the use of electric vehicles for suitable locations and routes (shorter distances)	●	2023/2024	In addition to conventional motor vehicles, the RAG fleet now also includes 36 electric vehicles and 5 hybrid vehicles.

# Sustainable energy solutions

Objectives	Measures	Status	Target year	Comments on target achievement
<b>Innovative technology development to shape the market and promote the transition of the energy market towards sustainable, renewable products</b>	Pilot facility for methane electrolysis to produce hydrogen and carbon as valuable raw materials, commissioning of the facility in Krift in 2023	●	2023	A pilot facility for methane electrolysis is currently in the trial stage.
	CHP hydrogen turbine for green electricity and heat – as part of the regional supply in RAG Energy Valley Krift (Kremsmünster)	●	2022/2023	The hydrogen CHP plant has been built and is ready for operation.
	SERVARE project – Seasonal storage in an optimal regulatory framework by assessing various opportunities: Policy recommendations for regulatory framework conditions for long-term energy storage.	●	2023	The Servare project has been completed. Policy recommendations on market design have been drawn up and published. The follow-up project, Seasonal Storage 4EG, has been launched.
	H2 cross border: Energy partnership for cross-border hydrogen use	●	2023	The first pipeline delivery of green H <sub>2</sub> from Austria to Germany was carried out.
<b>Own energy generation</b>	Commissioning of the Schwarzmoos PV plant – construction of a rooftop system and solar carports including charging infrastructure for electric cars.	●	2023	The measures were implemented as described.
	Commissioning of the Krift PV plant – construction of two ground-mounted PV plants and a rooftop plant Installation of an e-charging infrastructure in the car park for electric vehicles.	●	2023	The measures were implemented as described.