



**GERMAN GOVERNMENT AND
FEDERAL STATES PROGRAMME**
BUND-LÄNDER-PROGRAMM (BLP)



Participants of the delegation mission to Nuremberg in September 2022

Federal state – partner country

Bavaria – Tunisia

Title

Establishing a Bavarian-Tunisian technology
and innovation hub for green hydrogen

In cooperation with the GIZ programme

Green hydrogen for sustainable growth
and a low-carbon economy in Tunisia

Financing arrangements

BMZ contribution	EUR 162,719
Bavaria contribution	EUR 818,779

Duration

15.05.2022 – 31.03.2023

Responsible ministry

Bavarian State Ministry of the Environment
and Consumer Protection

Green Hydrogen – High on the Tunisian Agenda

Local situation

Tunisia has recognised the potential of cutting-edge green technologies and wants to position itself strategically as an important player in the production of green hydrogen and its derivatives from renewable solar and wind power. The country has an excellent basis for achieving this, with significant potential for renewable energy generation and geographical proximity and links to European gas infrastructure services. However, Tunisia needs support in particular with regard to potential investment, financing issues, setting up H2 value chains and developing specialist expertise. In establishing a technology and innovation hub for green hydrogen, Tunisia is creating a platform that will promote dialogue in the fields of research, business and politics.

This project helps to achieve the following
Sustainable Development Goals (SDGs):



“The Bavarian-Tunisian hub for green hydrogen provides an excellent exchange and networking platform for women in the renewable energy space.”

Balkis Jrad,
Public Service Advisor
General Direction of Electricity and Energy Transition
Ministry of Industry, Mines and Energy



Official launch of the project by Bavarian State Minister Melanie Huml in El Haouaria, Tunisia

Cooperation arrangements

The project in the German Government and Federal States Programme (German: Bund-Länder-Programm, BLP) works closely with GIZ's 'Green hydrogen for sustainable growth and a low-carbon economy in Tunisia' programme, which focuses on the strategic, regulatory and technical requirements for producing green hydrogen and PtX derivatives. The lead partner in Tunisia is the Ministry of Industry, Mines and Energy (MIME). The physical hub is being set up at the Ecole Nationale d'Ingenieurs de Tunis (ENIT – National Engineering School of Tunis). In Bavaria, the project cooperates with multiple universities, research institutes and NGOs.

The programmatic aspects of the BLP project build on GIZ's Climate Support Programme (CSP4) in South Africa.

What we are doing – and how

The Bavarian-Tunisian technology and innovation hub for green hydrogen is set up at ENIT. An auditorium for 150 people is furnished with communication equipment to hold international and digital events and share knowledge. Visiting professors from Germany are invited to hold virtual lectures on topics related to green hydrogen for Tunisian students, engineers and industry representatives. A study trip to Bavaria promotes dialogue between Tunisian and Bavarian stakeholders and lays the foundations for strategic partnerships. Furthermore, four young Tunisian academics have the opportunity to complete a three-month research assignment at Friedrich Alexander University in Nuremberg.

A research study is being carried out to explore options for transporting green hydrogen from Tunisia to Bavaria, either using the existing natural gas pipeline infrastructure or by constructing new hydrogen pipelines.

A special training with a focus on hydrogen and leadership, a mentoring programme and a retreat in Bavaria will promote Tunisian women working in the hydrogen sector.

Useful links

- Further information on the German Government and Federal States Programme:
<https://bund-laender-programm.de/en>
<https://www.giz.de/en/worldwide/91262.html>
- More information on the Tunisian Energy Ministry (MIME) in French and Arabic:
<https://www.energiemines.gov.tn/fr/accueil/>
- Information on GIZ's PtX hub:
<https://ptx-hub.org/>
- More information on the German-Tunisian energy partnership:
<https://www.energypartnership-tunisia.org/home/>

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