

CO2



Decarbonization efforts in Central Asia

23.05.2024 | Central Asian & European Hydrogen Diplomacy Forum | Session 2 –
Decarbonization: support for the development of renewable energy and hydrogen in
Central Asia solutions, natural gas and a resilient grid



Delegation der Deutschen
Wirtschaft für Zentralasien
Представительство Германской
экономики в Центральной Азии



Delegation of German Economy for Central Asia

Official representative of German business in the region since 1994

Cooperation and coordination of the activities of the association of German companies in Central Asia

Service provider and partner for German and local companies in Central Asia



КАЗАХСТАН

КЫРГЫЗСТАН

УЗБЕКИСТАН

ТАДЖИКИСТАН

ТУРКМЕНИСТАН



Delegation der Deutschen
Wirtschaft für Zentralasien
Представительство Германской
экономики в Центральной Азии



 Partner For Central Asia

Green agenda of AHK CA



German Energy Solutions Initiative



Export Initiative Environmental Protection



Competence Centre for Green Economy



Delegation trips for GreenTech companies



German Energy Solutions Initiative



The program is funded by **the Federal Ministry of Economy and Climate Action** (BMWK) and focuses on the best energy solutions in the field of RES, energy efficiency, smart grids and energy storage.

Goals:

- Market analysis
- Assessment of export potential to avoid possible risks
- Establishing or strengthening business contacts abroad
- Brand "Made in Germany" as a quality provider



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Export Initiative Environmental Protection



The project has been funded by **the German Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV)** since 2016 and focuses on the following fields:

- Circular economy
- Water and wastewater management
- Off-grid green hydrogen and fuel cell technologies
- Sustainable consumption
- Transport
- Sustainable urban and regional development
- Cross-cutting issue

EXI-Project "Circular economy in Kazakhstan"

3 project stages:

- Establishment of a specific German-Kazakh working group (analysis and presentation of waste management problems in Kazakhstan, inspection of target objects and development of suggestions for process optimization)
- Concept development (waste management) for a pilot city - **Taraz**;
- Eco-Week - implementation of a virtual workshop week for an informative exchange of practical experience on the main topic of "innovative waste management technologies".

2024 - Intensification of German-Kazakh Cooperation in Waste Management: Knowledge Transfer for Implementing Sustainable Measures in Waste Management in Kazakhstan



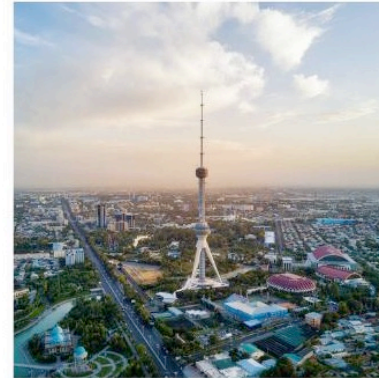
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 **Partner For Central Asia**

Delegation trip GreenTech Kazakhstan, Uzbekistan 01.09.-06.09.2024

Target group: German providers of climate friendly technologies for their implementation in industry or energy infrastructure, incl. hydrogen



Competence Center for Green Economy

2 main fields:

- RES and H2
- Critical raw materials

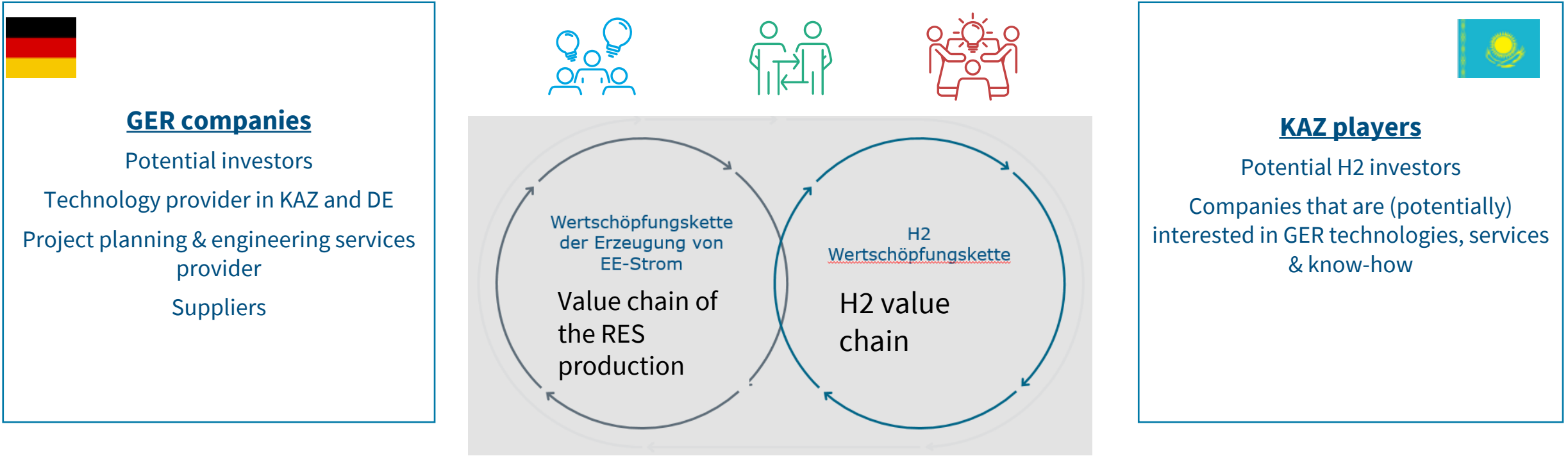
Goals:

- Support of German companies in the region
- Preparation of analytical materials
- Organization and conduction of topic-specific events



Hydrogen Initiative Group

Goal 1: to build bridges between German and Kazakh players and initialize partnerships



Hydrogen Initiative Group

Goal 2: to create a platform to address and discuss fundamental questions, promote the exchange of experiences and knowledge transfer



I. H2 Absatzmärkte:
Domestic market
Export



II. H2 Transport:
Pipeline
Ship
Rail



**III. Funding mechanisms/
financing:**
national systems

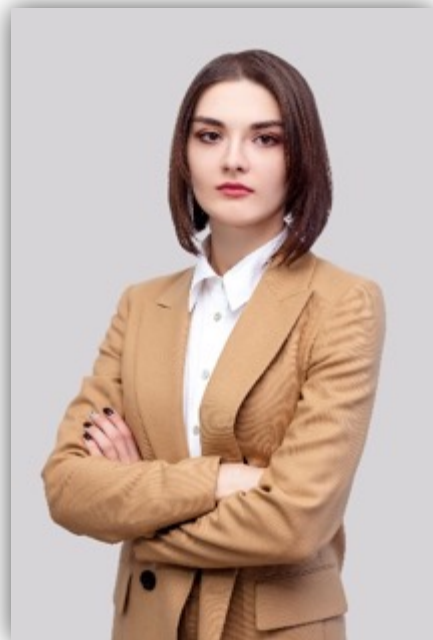


**IV. Standardisation &
certification**



V. Water management

Thank you for your attention



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