German-Kazakhstan Cooperation in the Water Sector

German Water Partnership
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Central Asia Länderforum
German Water Sector

- Over **150 years** of water supply and sewage disposal experience
- Traditionally highly **specialized and decentralized**
- Utilities are embedded in local-economy structures
- Great competence in education, research & development, innovations
- The water sector is one of the branches with the highest performance
- Well prepared for **international missions**
Performance Indicators

- Almost **100 % connection rate**
- **No** unannounced **interruptions** of supply
- Less than **7 % of water losses**
- Investments in the waste water sector of **4.8 billion Euros/year** (2014)
- Investments in the drinking water sector of **2.4 billion Euros/year** (2014)
- Water use of **120 l/day per capita**
- **High drinking water quality** according to legal requirements
- Frequent **analyses and inspections**
GWP was founded in 2008 by the German Government:

- To strengthen the position of the German water sector on international markets
- To contribute to tackling challenges in water issues wherever needed
- To foster market-specific cooperation of politics, science and industry
Tasks

- **Creating a network**
  Concentration, coordination and communication of the German water know-how

- **Establishing a central contact point**
  Contact and coordination office for foreign partners and potential clients of products and services „Made in Germany“

- **Acting as a project partner**
  on the target markets

Promoting water exports
Roughly **350 members** cover the broad range of German water management, industry and research:

- Research institutes and universities
- Plant manufacturers, construction companies and component manufacturers
- Consultants and engineers
- Utilities and financial service providers
- Organizations of development cooperation

75% are small and medium-sized enterprises
German Partners

- Federal Ministry for Economic Affairs and Energy
- Federal Foreign Office
- Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety
- Federal Ministry of Education and Research
- Federal Ministry for Economic Cooperation and Development
Organizational Structure

- **15 Regional Sections**
  Regional working groups focusing on exchange of experience and project development of best-practice examples

- **7 Working Groups**
  Subject-specific working groups: Operator know-how, Capacity Development, Financing, Industrial water management, Innovation and scientific cooperation, Water and energy, Water 4.0

- **Joint representation**
  Trade fairs, congresses, conferences, workshops, events, delegation trips
Focus Countries

15 Regional Sections, 1 related to Kazakhstan
Regional Section Central Asia

- Regional Section with focus on different countries in Central Asia
- Cultivate contacts with partners and decision makers in the focus countries
- Develop innovative and custom-tailored solutions for water-related problems
- Kick-off joint projects between GWP members and local partners
- Central contacts for all enquiries for German water expertise placed by foreign customers
- Goal is a long-term cooperation between Germany and Kazakhstan as well as with other countries in Central Asia
Technical working group with focus on digitalization and automation of the water sector

Develop innovative and custom-tailored solutions for water-related problems

Kick-off joint projects between GWP members and local partners

Launch of a brochure about Water 4.0 at IFAT 2016 with best-practice examples
Future Cooperation Outlook

- Strengthening the partnership between GWP and the stakeholders of the Kazakhstan water sector for a long-term cooperation

- Applying for joint projects at international donor organizations

- Sending German experts for technology transfer to Kazakhstan

- Bringing the members of GWP closer together with decision makers of the water utilities in Kazakhstan

- Participation of GWP members at trade fairs and conferences in Kazakhstan

- Organization of a German-Kazakhstan Water Forum regularly
Thank you for your attention!

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