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GROUNDWATER MANAGEMENT AND CLIMATE CHANGE IN CENTRAL ASIA: a French initiative project

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The Solidarity Fund for Innovative Projects

The Solidarity Fund for Innovative Projects (FSPI) is a financing mechanism of the French Ministry for Europe and Foreign Affairs.

It allows french embassies to implement, in partnership with local actors, innovative projects in many fields: education, health, environmental protection, agriculture, gender equality, etc. Characteristics of FSPI :

- Exists since 2017
- Duration of two years
- Budget from 100 00 € to 600 000 €
- 74 eligible countries
- Since 2020, Central Asian countries can also benefit from this financing mechanism, provided that the projects involve at least two countries in the region.

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ÉTRANGÉRES



BRGM THE FRENCH GEOLOGICAL SURVEY

The BRGM is France's public reference institution for Earth Science applications for the management of surface and subsurface resources and risks. Its activities are geared to scientific research, support to public policy development and international cooperation.

The BRGM is a public industrial and commercial

institution created in 1959

and working under the Ministry for Higher Education, Research and Innovation, the Ministry for the Ecological Transition and the Ministry for the Economy and Finance.

Over 1000 staff including more than 700 engineers and researchers

Geoscience f<u>or a sustainable Earth</u>

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KEY ROLES

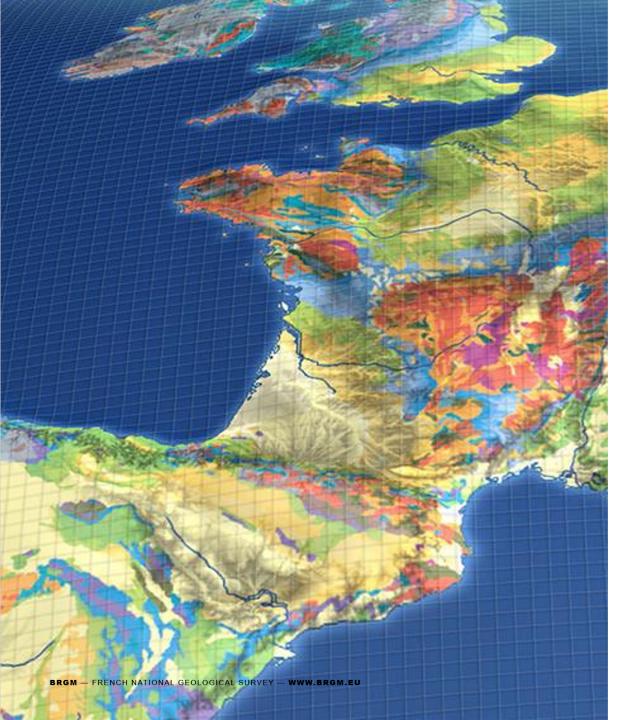
Scientific research

Support to public policy development

International cooperation

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EUROPE The BRGM in Europe

At the EU level, the BRGM has been involved for many years in research programmes, support to public policy development and international cooperation, thereby forging many enduring partnerships.

- Close involvement in European research programmes.
- Activities to support EU public policy development, interfacing between the authorities, public and private-sector managers and research.
- International cooperation: promotion of French and European approaches, exchanges of good practice, EU-funded development projects.
- Partnerships with numerous excellence networks in the EU. Decisive role in the organisation of Europe's geological sphere.









Geology and knowledge of the subsurface



Risks and spatial planning



Subsurface potential for the energy transition



Groundwater management



Mineral resources and the circular economy

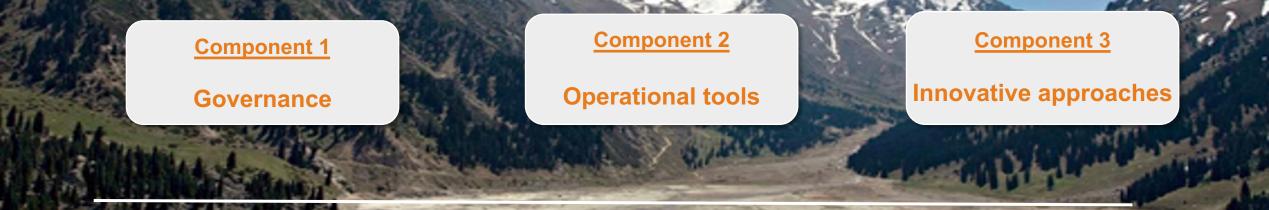


Data, digital services and infrastructure

KEY CHALLENGES

BRGM — SERVICE GÉOLOGIQUE NATIONAL — WWW.BRGM.FR

Capacity building and promotion of French expertise and innovation in the field of water management in the context of climate change in Central Asia Kazakhstan & Uzbekistan



- Seminars and Workshops on water resources management: exchanges of experience, best practices in France / EU and in C.A (Kazakhstan and Uzbekistan)
- Study visits in France
- Short-term capacity building
- Identification of projects and cooperation subjects

1/WRM Governance

The EU Water Framework Directive and its consequences



Socioeconomic considerations in water resources

Transboundary water cooperation

2/ Operational approaches

Decision support tools

Pollution management: Polluted sites and soils Diffuse pollutions

Post-mining management



Quantitative resource evaluation and consumer needs

3/ Innovative approaches



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THANK YOU FOR YOUR ATTENTION

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