

DRINKING WATER SUPPLY AND SANITATION IN CENTRAL ASIA

KEY CONCLUSIONS

ANALYTICAL REPORT'24

DRINKING WATER IS THE BASIS OF WELL-BEING AND PROSPERITY

7%

of water intake goes to meet household and utility needs

2x

increase in drinking water consumption in 1994–2020

9.9

million people

have no access to safe drinking water

up to 80%

wear and tear of water and sanitation networks

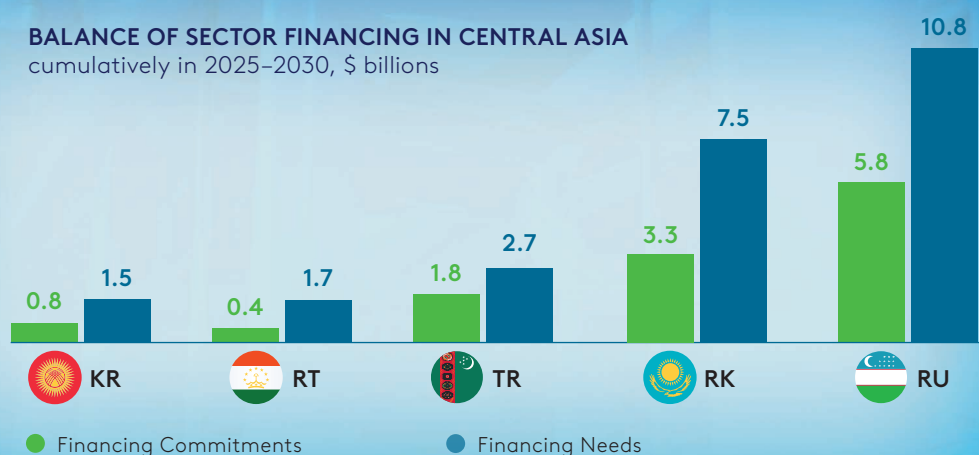
up to 55%

water loss in distribution networks

CHALLENGES IN CENTRAL ASIA

THE REGION NEEDS TO CLOSE THE FINANCING GAP

BALANCE OF SECTOR FINANCING IN CENTRAL ASIA
cumulatively in 2025–2030, \$ billions



\$12.1
billion

REGIONAL
SHORTFALL
of financing
required
to achieve SDG 6
in 2025–2030

AN INTEGRATED APPROACH IS RECOMMENDED TO DEAL WITH THESE CHALLENGES

1 Regulatory Solutions

- **INTERSECTORAL COORDINATION** mechanism (government bodies, local authorities, water utility companies)
- Restoration of the **R&D POTENTIAL** (including by creation of a design company)
- Training of **ENGINEERING AND TECHNICAL PERSONNEL** (including within the IFAS ASBP-4 framework)
- Prioritization of **PROTECTION OF SURFACE AND GROUND WATERS** in national strategies

2 Financial Solutions

- Adaptation and expansion of **PUBLIC-PRIVATE PARTNERSHIP** institutions
- Engagement of large **OPERATING COMPANIES**
- **INVOLVEMENT OF IFIs** in sovereign and non-sovereign financing
- Improvement of **TARIFF PRACTICES** with preservation of the existing state support mechanisms (subsidies, soft loans, provision of assistance to socially disadvantaged groups of the population)

3 Technical Solutions

RURAL AREAS

- Focus on protection of small rivers
- Transition of intake facilities to underground water sources
- Deployment of local water treatment, decontamination, and conditioning systems
- Shared water supply systems

CITIES

- Focus on construction of water treatment facilities
- Use of long-lasting materials
- Digital monitoring and reporting
- Localisation of equipment manufacturing



Eurasian Development Bank

Full version of the
analytical report

