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World Bank

Financing climate adaptation and transboundary water management
The added value of financing transboundary waters management
PROJECTS ON TRANSBOUNDARY WATERS DELIVER CLIMATE COMMITMENTS

- Projects impacting international waters offer opportunities to mitigate and adapt to climate change;
- 40% and increasing of our finance impacting international waters has climate co-benefits, greater than the 29% achieved Bank Group-wide;
- Transboundary engagements sustain and enable climate co-benefits.

Source: Figure only includes projects triggering OP 7.50 for which climate co-benefits were available in the co-benefits portal. Includes all GPs and Regions. Increase around 2017 can be partly attributed to increased attention being paid to co-benefits calculations during project preparation across WBG.
PROJECTS ON TRANSBOUNDARY WATERS ARE KEY INSTRUMENTS TO DELIVER BROADER DEVELOPMENT OUTCOMES - NOT JUST WATER SECURITY

**ENVIRONMENT**
20 years of engagement on water quality in the Danube basin have contributed to significantly lowering pollution levels in the Danube and Black Sea basins.

**ENERGY**
NT2 Multipurpose Development Project (Lao PDR, Thailand) strengthens regional integration and generates revenue.

**AGRICULTURE**
Decades of support to the Senegal River Basin Authority resulted in increased agricultural production and hydropower investments (Mali, Mauritania, Guinea and Senegal).

**ENERGY**
Rusumo Falls Hydroelectric Project in the headwaters of the Nile provides energy to Rwanda, Burundi, Tanzania.

**SOCIAL INCLUSION**
Horn of Africa Groundwater for Resilience project (Ethiopia, Kenya, Somalia, Djibouti, South Sudan) improves sustainable access to transboundary groundwater for rural communities.
IN SUM, INVESTMENTS IN TRANSBOUNDARY WATERS YIELD NUMEROUS BENEFITS

Tangible benefits

- Facilitating investments
  - Over US$ 25 billion of investment influenced and informed over last 20 years
- Water security
  - e.g., joint action plans (Guarani), institutions (Nile Basin Initiative), dam safety (Zambezi)
- Other sectors
  - e.g. energy, environment, public health (Senegal)

Intangible benefits

- Building trust, social capital and positive perceptions
- Nurturing human capital
- Supporting a shift away from zero-sum debates
- Proactive risk management and conflict and violence prevention (FCV)
World Bank experiences in Sub-Saharan Africa: Cooperation in International Waters in Africa
<table>
<thead>
<tr>
<th>Basin</th>
<th>Countries</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Nile Basin</td>
<td>Egypt, South Sudan, Sudan, Ethiopia, Uganda, Kenya, Tanzania, Burundi, Rwanda, DRC, Eritrea</td>
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<tr>
<td>Niger Basin</td>
<td>Nigeria, Mali, Guinea, Niger, Burkina Faso, Cameroon, Benin, Ivory Coast, Chad, Algeria</td>
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<tr>
<td>Lake Chad Basin</td>
<td>Cameroon, Central African Republic, Chad, Libya, Niger, Nigeria</td>
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<tr>
<td>Volta Basin</td>
<td>Burkina Faso, Ghana, Togo, Mali, Benin, Ivory Coast</td>
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<td>Zambezi River</td>
<td>Engagement with riparian states, the Zambezi Watercourse Commission (ZAMCOM), and the Zambezi River Authority. Southern Africa lifeline for hydropower</td>
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<tr>
<td>Okavango River</td>
<td>Unique inland delta supporting a rich ecosystem and Botswana’s tourism industry. Multi-Sector Investment Opportunity Analysis (MSIOA) and Shared Benefit Assessment.</td>
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<td>Orange-Senqu River</td>
<td>Lesotho-Botswana water sector development dialogue</td>
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<tr>
<td>Congo River</td>
<td>Luapula hydroelectric power development and institutional analysis</td>
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People who benefit from investments influenced by CIWA

36.86 million

INVESTMENTS
To manage watersheds, develop groundwater, build storage, etc

US$17.146 billion
Value of mobilized investments influenced by CIWA
US$6.34 billion
Value of potential investments influenced by CIWA
US$10.806 billion

INSTITUTIONS
To build trust, coordinate planning, and manage shared resources

Transboundary institutions supported with CIWA technical assistance and financing

INFORMATION
For understanding risks, better decision-making, and monitoring compliance

Strategic analyses and knowledge products used to illustrate the evidence base for cooperation

16
82
The road ahead: opportunities to scale-up financing in transboundary waters
OPPORTUNITIES TO SCALE-UP FINANCING

• Increase attention and engage with clients and partners on five themes in active and new regions
• Promote innovation, including adoption of disruptive technologies across the five themes
• Provide evidence-based insights to advance global and country dialogue

Transboundary Aquifers
Dam safety and reoperation
Biodiversity conservation
Fragility and peace-building
Climate Resilience
Thank you

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