



Understanding the Global Water Crisis: An Overview from Egypt and the Nile Basin

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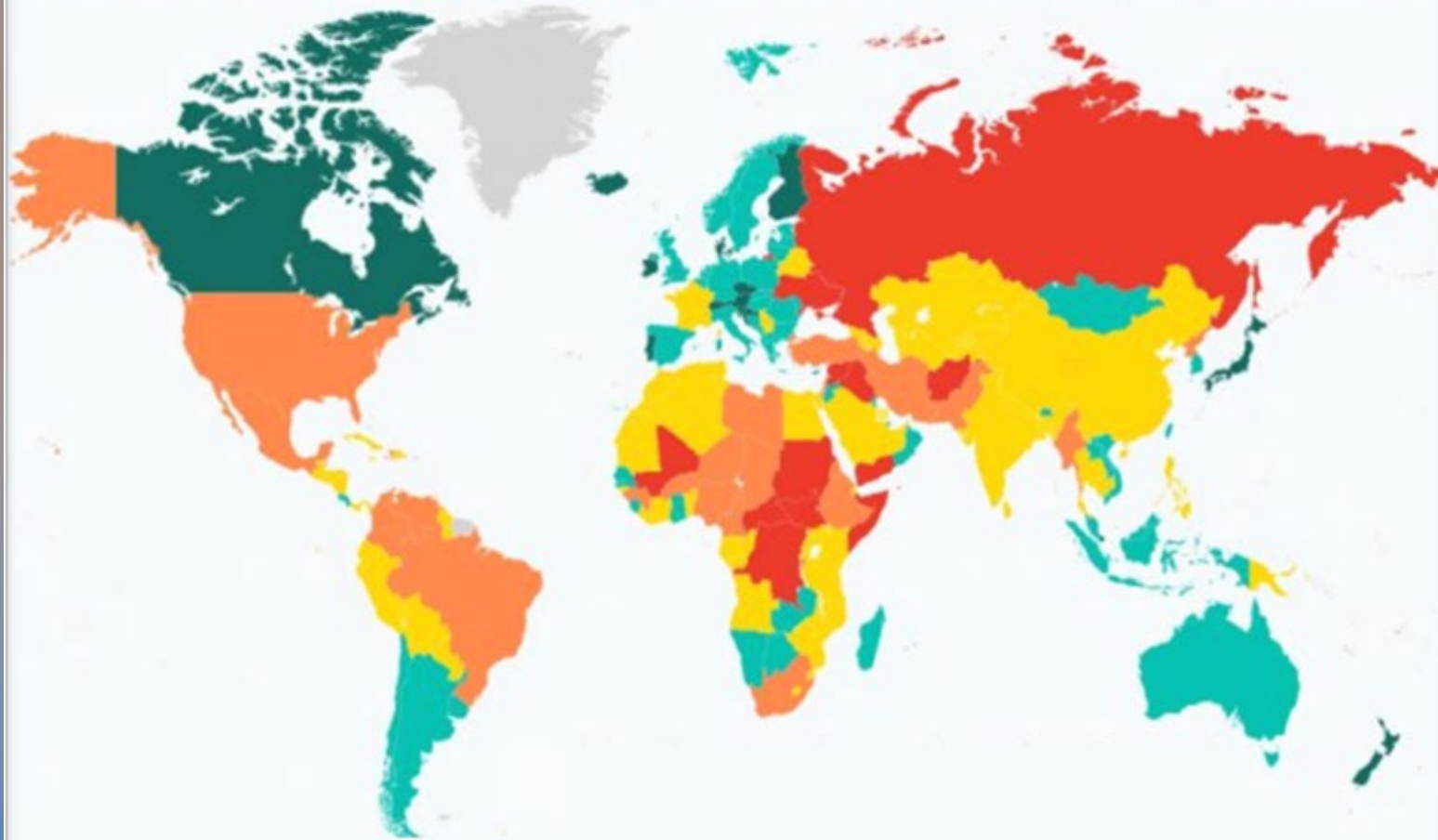
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The State Of Global Peace In 2023

Countries and territories by peace level in 2023

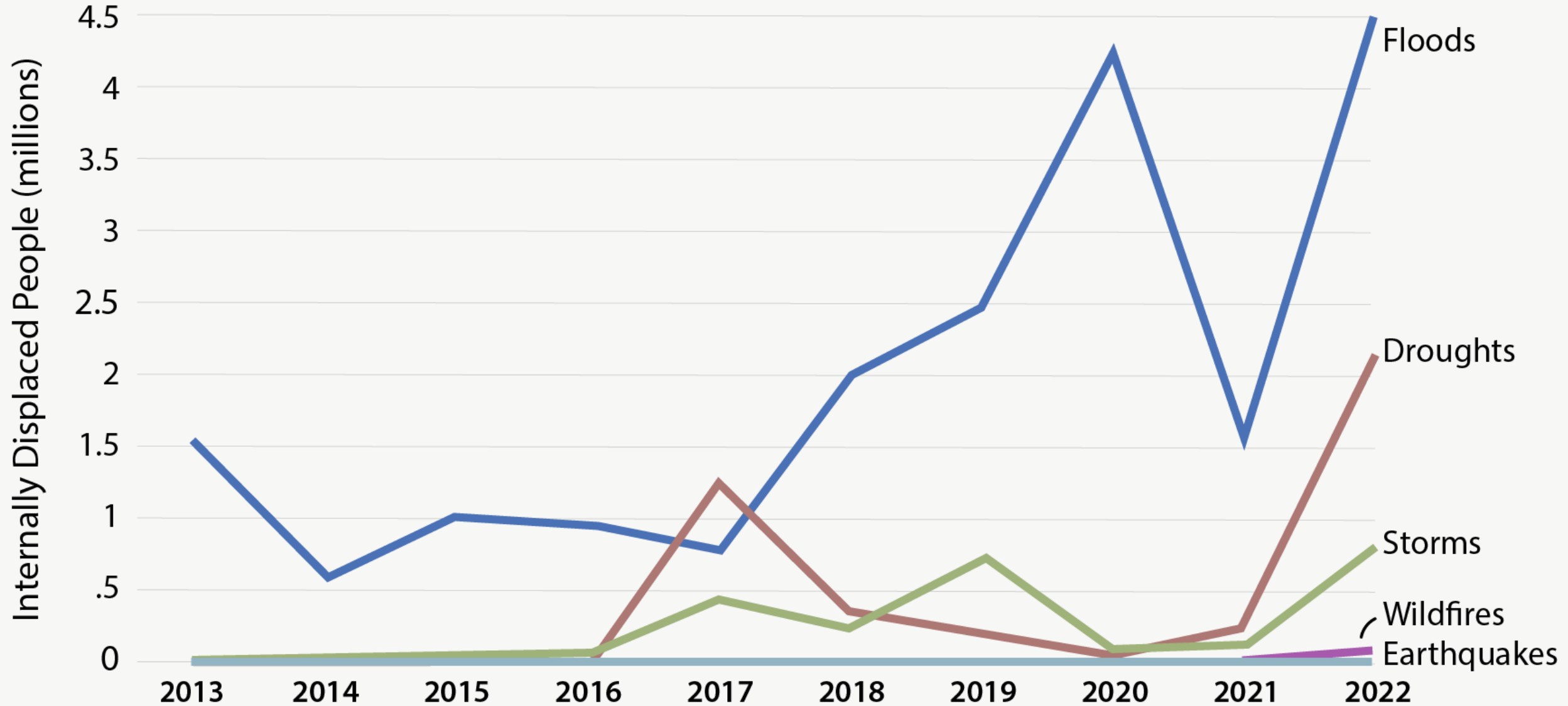
Least Peaceful ■ ■ ■ ■ ■ Most Peaceful ■ No data available



- ❖ The index measures peace across three domains:
 - societal safety and security,
 - ongoing domestic international conflict,
 - militarization.
- ❖ These domains provide a holistic understanding of a country's peacefulness.

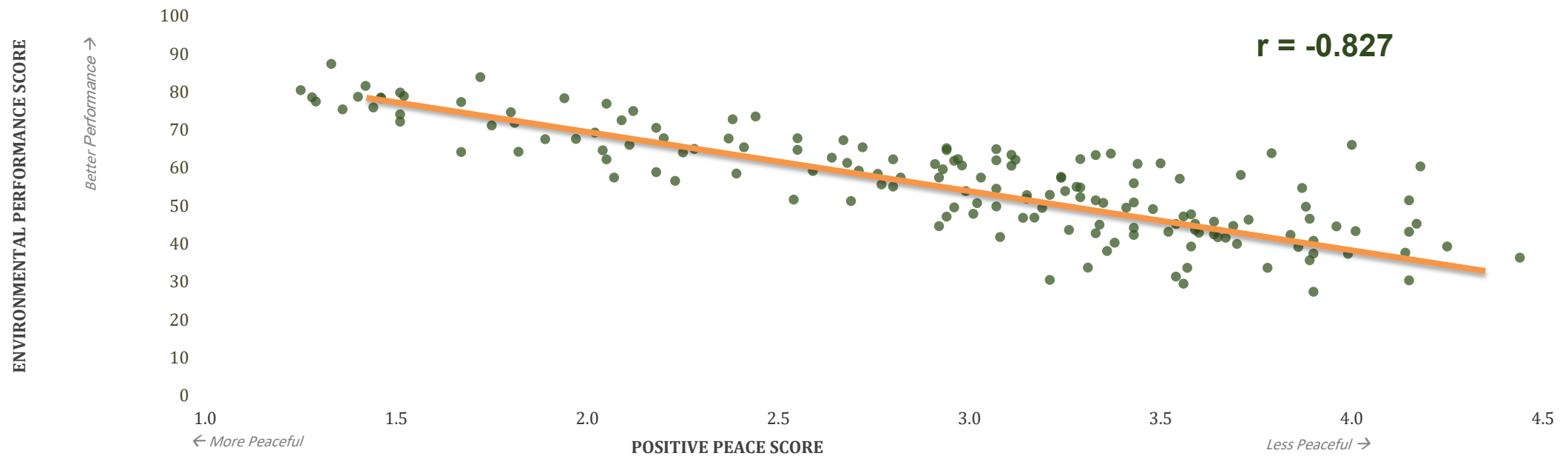
Source: Global Peace Index/Institute for Economics and Peace

ANNUAL DISPLACEMENTS BY NATURAL DISASTER IN AFRICA



Water and peace

Nations characterized by low levels of Positive Peace typically exhibit reduced levels of cooperation, poorer environmental performance, and experience higher casualties from natural disasters



Source: Environmental Performance Index; IEP Positive Peace

Water and peace



Water resources may trigger conflicts among diverse stakeholders, spanning agriculture, industry, and urban sectors.



Some 700 million people could be displaced by intense water scarcity by 2030.



By 2040, roughly 1 in 4 children worldwide will be living in areas of extremely high-water stress.

Collaboration for joint management of shared water resources: Nile Basin as an Example



Tanzania, Uganda, the Democratic Republic of the Congo, Rwanda, Burundi, Ethiopia, Kenya, Eritrea, South Sudan, Sudan and Egypt & about three million square kilometres.




The Nile Basin Initiative (NBI) developed over the years and was formally established in 1999 amidst a backdrop of longstanding issues such as mutual accusations, regional conflicts, droughts, and other challenges. The Initial intention was around cooperation and sharing scientific information.




The Nile Basin Initiative has served as a catalyst for cooperation in the search for a new legal framework for the management of the Nile.



Nile Basin Initiative approach

 Governments cannot address issues alone and must involve other stakeholders, including civil society.

 The Nile Basin Discourse initiated to incorporate the perspectives of stakeholders beyond the government.



Facilitates open dialogue on Nile basin development in the through the Nile Basin Initiative among:

- Key players
- Stakeholders and impacted entities

Challenges to Nile Basin Initiative



Transboundary waters pose challenges due to:

- Varied interests among different states, each prioritizing its national needs.
- Diverse groups of people within these states with differing requirements and concerns.



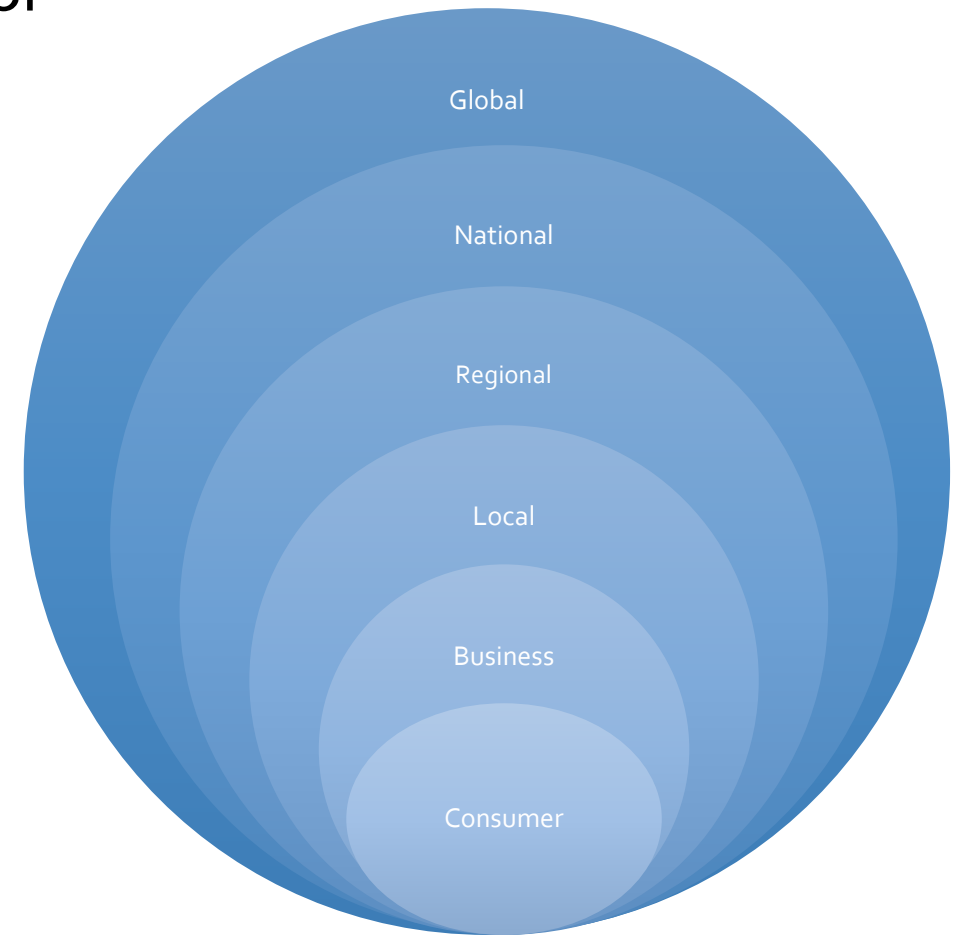
Building a dam on the Nile has caused major geopolitics tensions in the region and has the potential to fuel dispute between countries on the banks of the river for many years to come



The Grand Ethiopian Renaissance Dam (GERD) on the Blue Nile River in Ethiopia has created tensions between Ethiopia and Egypt and Sudan which are downstream and rely on the Nile's water.

How do transboundary resources become lever of peace Versus conflict?

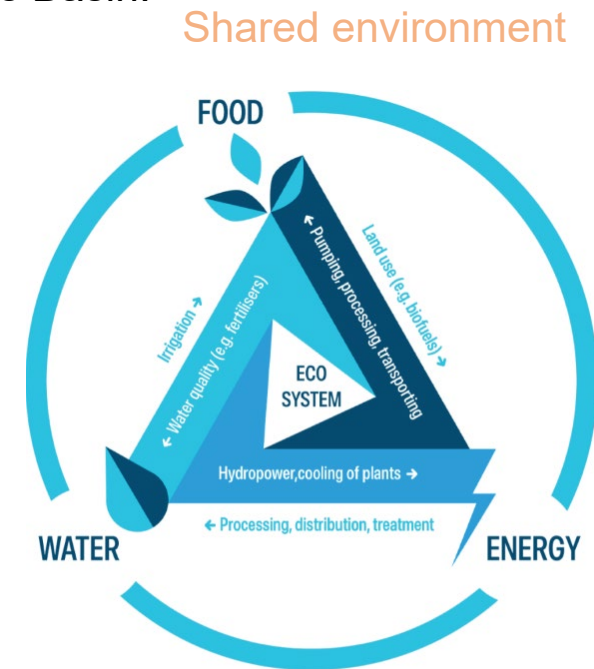
- Water needs to be prioritised, both at the national and the transboundary levels, using established frameworks
- Shifting from diplomacy to active participation in shared river basins entails a political transition.
- Access to water rights is just as crucial as procedural rights in effectively managing shared river basins.
- The engagement and participation of stakeholders are essential for fostering widespread ownership and ensuring the inclusivity of processes.



Water-Food-Energy-Ecosystem...in Transboundary Basins as an approach for cooperation

The challenges surrounding water in our world can serve not just as sources of tension, but also as opportunities for collaboration. By joining forces, we can pave the way for a secure and sustainable water future.

- Methodology for participatory assessment.
- Multiple topics include harmonizing water usage, strategic planning of renewable energy (in alignment with water management and agriculture), integrated water management, and reservoir operations.
- Regional dialogues e.g. Virtual meeting of experts on nexus solutions and investments in the Nile Basin.
- Promotion of WEFE-Nexus approach to:
 - Adapt and mitigate climate change
 - Renewable energy planning (in the Nile Basin)
 - Financing of cooperation and projects



Egypt's Sustainable Development Goals (SDGs) Strategy



Egypt has developed a flexible and dynamic vision (Egypt's vision 2030) to summarize all the strategies and goals that are intended to support achieving of SDGs

How to overcome challenges

Coordinate between different department to obtain data

Identify most important challenges that face monitoring SDGs

Identify most important capacity-building programs

Building an integrated database to serve monitoring and follow up SDGs

Raising awareness on SDG (posters, media, graphics, storytelling, etc.

Thank you !

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