

Water-related Monitoring in the Voluntary National Review for Egypt

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Regional Preparatory Meeting on Water Issues for the
2018 Forum on Sustainable Development and High Level Political Forum
Beirut, Lebanon, 28-29 March 2018

VNR Committee Members

1. Chair:
2. Add your second bullet point here
3. Add your third bullet point here

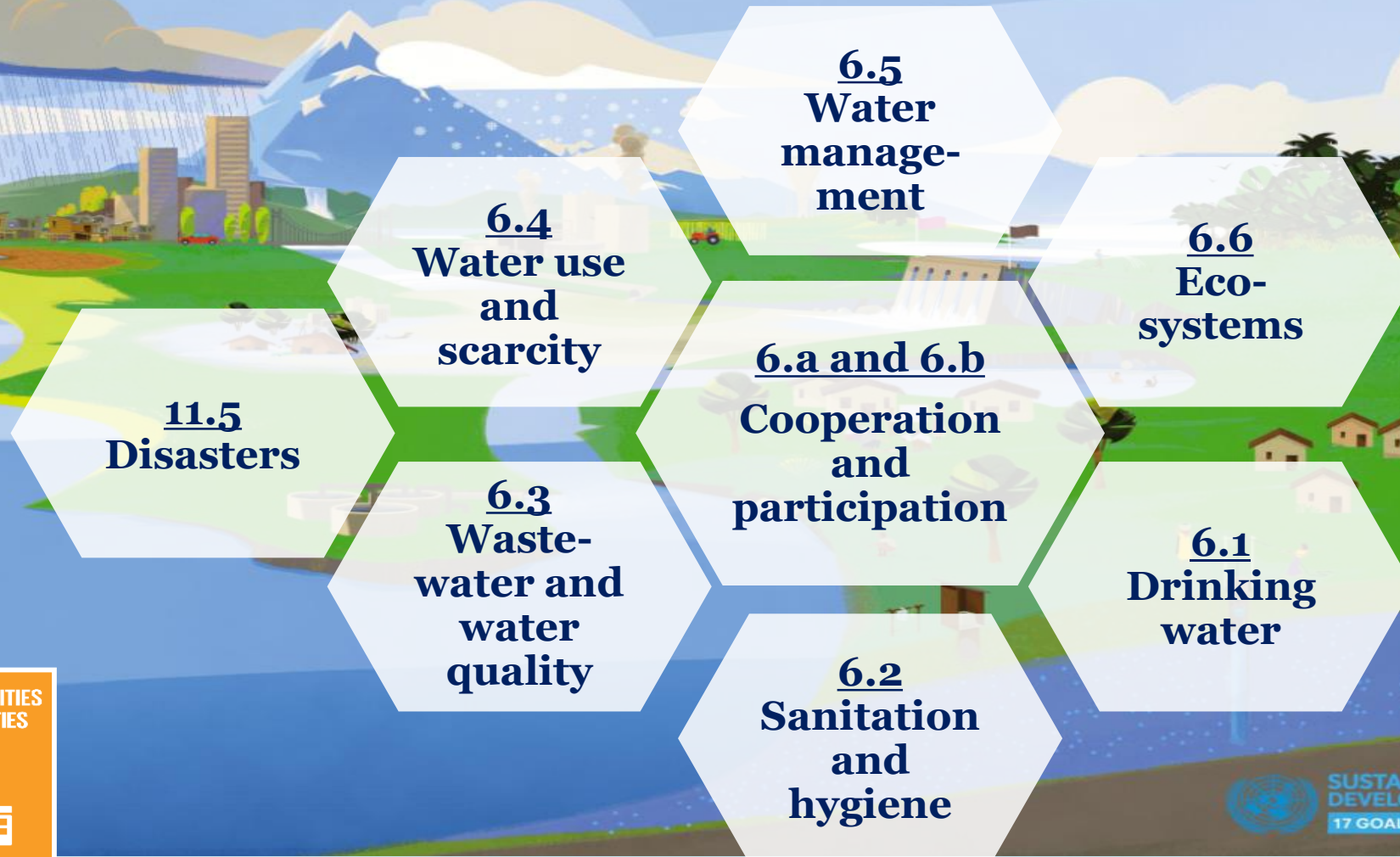
National Water Priorities

- 1. WATER Security for All by 2030 is a main target.**
- 2. Healthy and Clean Water For All.**
- 3. Integrated Water Resources Management and Raising Awareness.**

Global Sustainable Development Goals (SD. 6)

The Water Cycle
in the Sustainable Development Goals

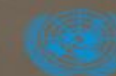
Sustainable Clean water and Sanitation for all



6 CLEAN WATER
AND SANITATION



11 SUSTAINABLE CITIES
AND COMMUNITIES



SUSTAINABLE
DEVELOPMENT **GOALS**
17 GOALS TO TRANSFORM OUR WORLD

National Water Targets

- SDGs didn't reflect all water resources situation of down stream countries like Egypt, where 97% of its Water sources is transboundary water.
- Egypt' 2030 strategy, considered a main pillar for WATER



Main challenges

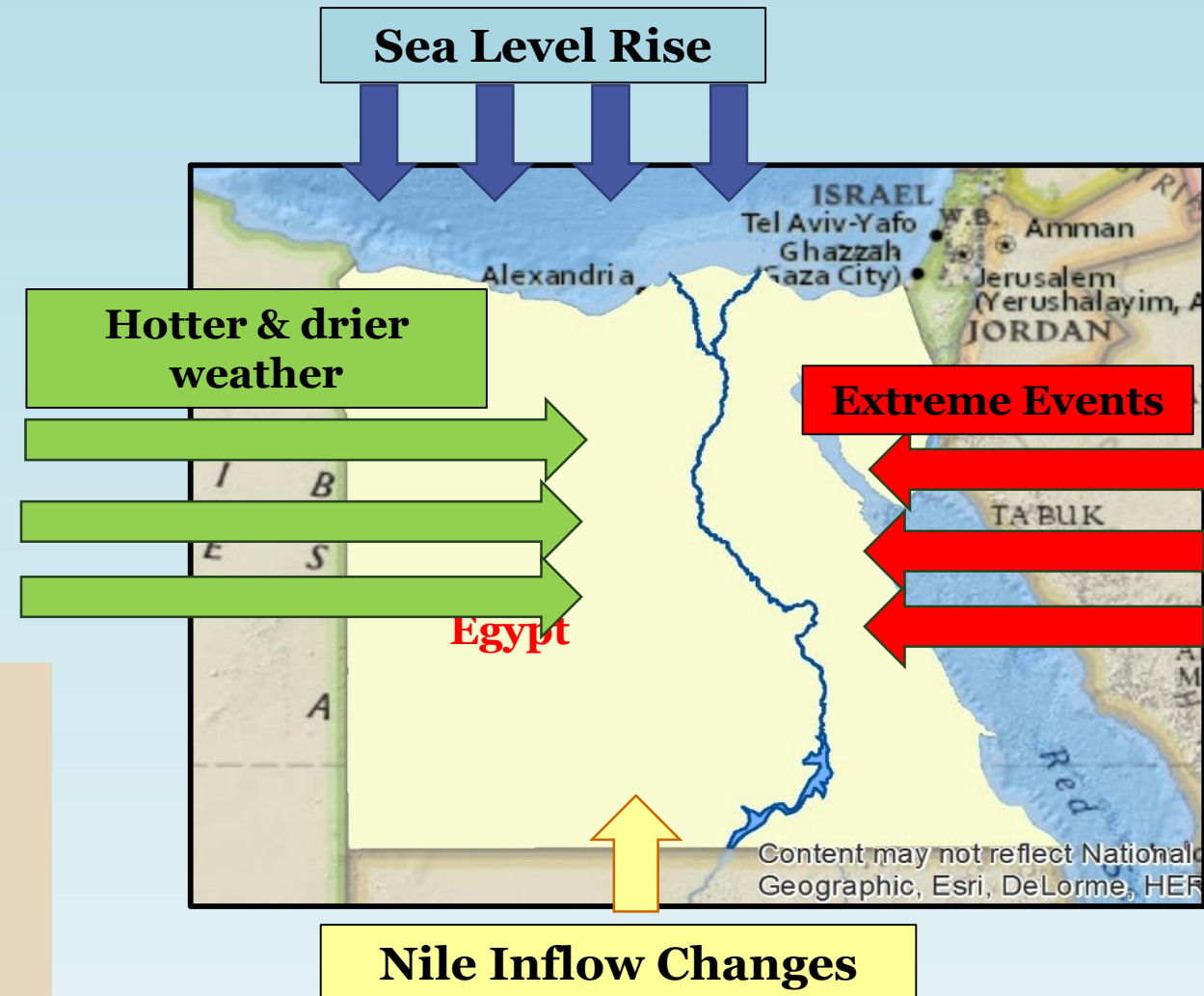
Egypt characterized with :-

- Population approaching **100** Million
- **98%** is desert
- **97%** Water Resource is transboundary Water

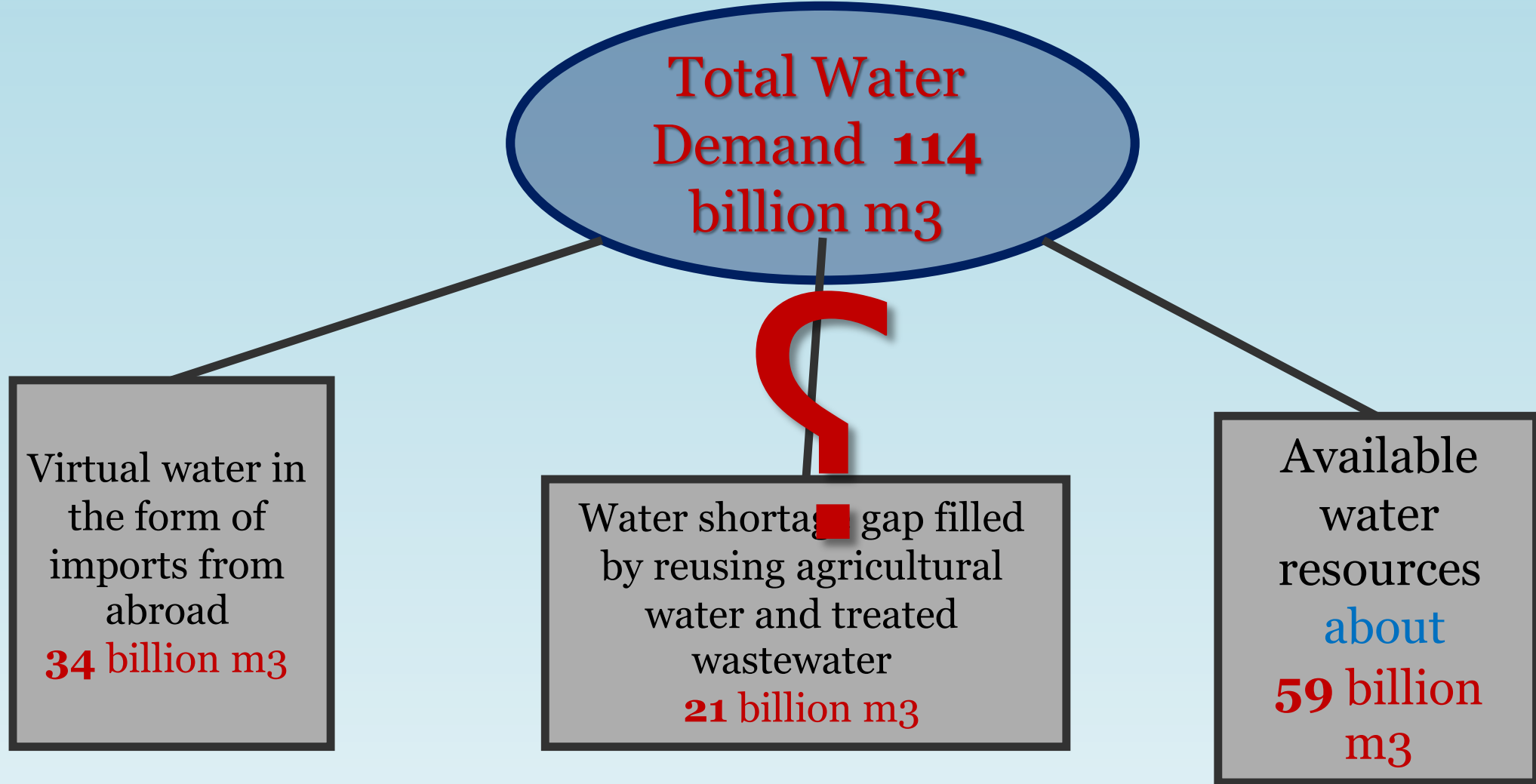
Losing one BCM of Nile flows

=

Losing **200,000** Acr of Cultivated lands
Losing **One million** job



Current water situation



Water Stress 134%

Water Resources Challenges

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graph TD; A[Water Resources Challenges] --> B[Economical challenges]; A --> C[Institutional challenges]; A --> D[Social challenges]; A --> E[Political challenges]; A --> F[Environmental challenges];
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**Economical
challenges**

**Institutional
challenges**

**Social
challenges**

**Political
challenges**

**Environment
al challenges**

Environmental Challenges



Understood Development in Nile Basin countries



Pollution problems



Aquifers overuse (Fossil Water)



Climate changes (Sea Level Raise, floods, Flashfloods and Drought)

Institutional Challenges



Lack of coordination to follow an integrated and participatory approach



Decision-making Centralization



Lack Of Rules and Regulations Implementation



Lack of Private Sector Participation



Lack of Awareness and Capacity Building Support.

Political Challenges

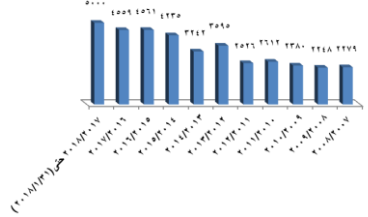


Separate signing of some upstream countries to the Framework Convention.



Unilaterally implementation of projects by some Basin countries without taking other Basin countries into consideration.

Economical Challenges



Lack of Funding and investment directed to the water sector

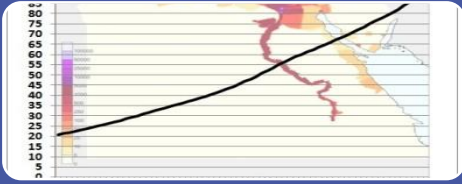


High cost of importing food crops



High cost of water desalination technologies

SOCIAL CHALLENGES



Growing population growth



Unsustainable consumption patterns



Impact of water quality on public health



Water availability culture

Means of Implementation for achieving water targets



Institutional



Social

Economic



Environmental



Water strategy measures

Social Field

- Increasing employment opportunities in water resources field
- Protection of public health
- Civil society participation

Environmental Field

- Improve water quality by reducing pollution loads from all sources
- Implement shore protection projects to reduce the negative impacts of climate change
- Improving the quality of water in the northern lakes to protect the ecosystem.

Economical Field

- Increasing water resources.
- Maximize the water productivity .
- Improve the efficiency of the infrastructure of the water resources system.

Institutional Field

- Support coordination at all levels.
- Updating and reviewing the legislative framework.
- Increase of public awareness.
- Institutional capacity support.

Institutional Measures

Supporting The Role of Localities

- Decentralization
- Supporting technological infrastructure
- Follow up the implementation of governorates water resources plans

Transparency and Accounting

- Disseminate and exchange data and information related to water resources
- Activating e-government in water resources field

Community Participation

- Increase private sector and civil society organizations participation
- Increase awareness

Institutional Reform

- Clearly define roles.
- Activation of Legislation, laws ,sanctions & fines
- Institutional capacity development

Key Messages

- **SDGs is the main key to keep the world secure “Water security”**
- **Cooperation and Coordination between basin countries is the key for achieving SDGs .**
- **Water Security for all by 2030, facing the challenge of 97% transboundary water Resources.**
- **Include water scarcity, water pollution and environmental aspects**
- **Consider climate changes**



Thank You

