





# SUSTAINABLE WATER AND ENERGY SOLUTIONS NETWORK





Division for Sustainable Development Goals
(DSDG)
UN Department of Economic and Social Affairs
(UN DESA)





## TABLE OF CONTENTS



- WHY creating this network?
- WHAT do we want to achieve?
- HOW do we plan to get there?
- WHO is this network for?
- WHEN will it deliver its first results?
- HOW can you get more information and participate?



# The 2030 Agenda for Sustainable Development



17 SDGs and 169 targets for people – prosperity –

planet – peace – partnerships





# Water and energy interlinkages

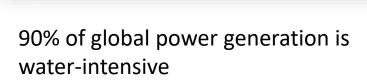














Energy is essential to distribute, purify and recycle water

Without integrated energy and water programs, many synergies that support sustainable development cannot be realized



# **Global Water & Energy Challenges**

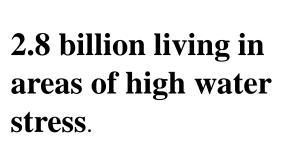


Almost 1 billion people are having no access to electricity





2.1 billion people are exposed to unsafe drinking water









# Population growth, rising economies, climate change, pollution are adding up to the growing demand for water and energy.













# UN DESA and ITAIPU Binacional launched the "Sustainable Water and Energy Solutions Network" at COP 24







#### WHAT do we want to achieve?

The goal is to provide a **global platform for all stakeholders** to enhance capacities and signal their high-level commitment to the **integrated approach to SDG 6 and SDG 7** in support of the achievement of the **2030 Agenda for Sustainable Development** 

Share best practices, experiences an quality data

2 Strengthen capacity building

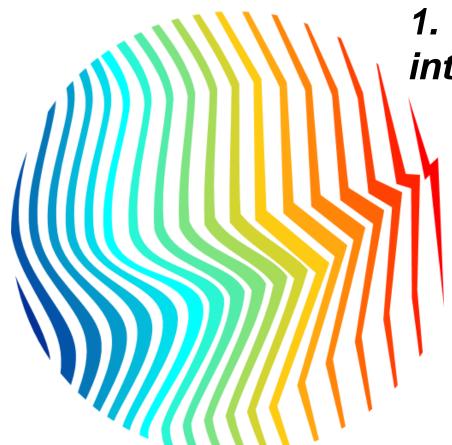
- 3 Mobilise and scale up multi-stakeholder action
  - 4 Enhance advocacy, communications and outreach





#### **HOW** do we plan to get there?





1. Compile a series of case studies on integrated approaches to water and energy

\* 1st compilation: case study collection in the Arab Region

- 2. Develop a worldwide database
- 3. Undertake capacity building activities
- 4. Conduct global outreach and advocacy engagements
- 5. Annual report of the Network



### WHO are the members of this network?



|    | Organisation                            | Туре                           |
|----|---|--------------------------------|
| 1  | UN DESA (Founding member)               | UN System                      |
| 2  | ITAIPU Binacional (Founding member)     | Private Sector                 |
| 3  | UNFCCC                                  | UN System                      |
| 4  | UNESCWA                                 | UN System                      |
| 5  | UNECE                                   | UN System                      |
| 6  | UN-Habitat                              | UN System                      |
| 7  | Ministry of Ecological Transition Spain | Government                     |
| 8  | National Water Agency Brazil            | Government                     |
| 9  | Ministry of Foreign Affairs Tajikistan  | Government                     |
| 10 | Ministry of Foreign Affairs Norway      | Government                     |
| 11 | IRENA                                   | Intergovernmental Organisation |
| 12 | Asazgua                                 | Private Sector                 |
| 13 | World Energy Council                    | Non-profit/other               |
| 14 | International Hydropower Association    | Non-profit/other               |
| 15 | International Centre for Hydropower     | Non-profit/other               |
| 16 | TERI School of Advanced Studies         | Academia                       |



#### WHEN will we develop these activities?





Launch at COP24 (December 2018, Katowice)

naugural meeting at the World Hydropower Conference

(May, Paris)

**Expert level meeting** in the margins of the Arab Energy and Water Committees of ESCWA (June, Beirut)

Side Event at the High-Level Political Forum on Sustainable Development (July, New York)



## 2nd Network meeting during COP25 (December, Santiago)

- Launch of Global Report summarizing best practices implementing integrated water and energy approaches, with a focus on SDG13
- Launch of **global database** identifying and describing representative examples of "Best Practices" on water-energy interlinkages



#### **Best Practices collection- ARAB REGION**



- 1. Title and brief description/ objectives
  - 2. Implementing organisation (s)



- 3. Area of implementation
- 4. Key results and contributions to SDGs achievement
- 5. Challenges
- 6. Further information/contact /pictures



#### **CONTACT INFO**





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