

¹ **Jordan's Adaptation Fund Program**

**Increasing the Resilience of Poor and
Vulnerable Communities to Climate Change
Impacts in Jordan**

through

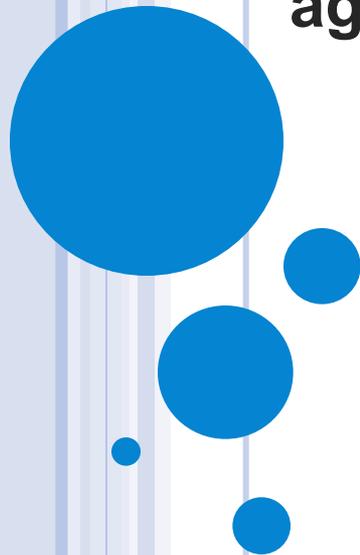
**implementing innovative projects in water and
agriculture in support of adaptation to climate
change**

Dina Kisbi

Director of Climate Change Directorate

Germany, Bonn

May 3rd, 2018



2001

- First Communication Report to UNFCCC
- Being the first developing country to submit the report

2009

- Vulnerability Analysis and Climate Projections in Second Communication Report to UNFCCC

2010

- 4 UN agencies + 4 ministries worked towards mainstreaming adaptation in Water, Health Agriculture and Education

2013

- National Climate Change Policy that introduced Vulnerability and Adaptation policy

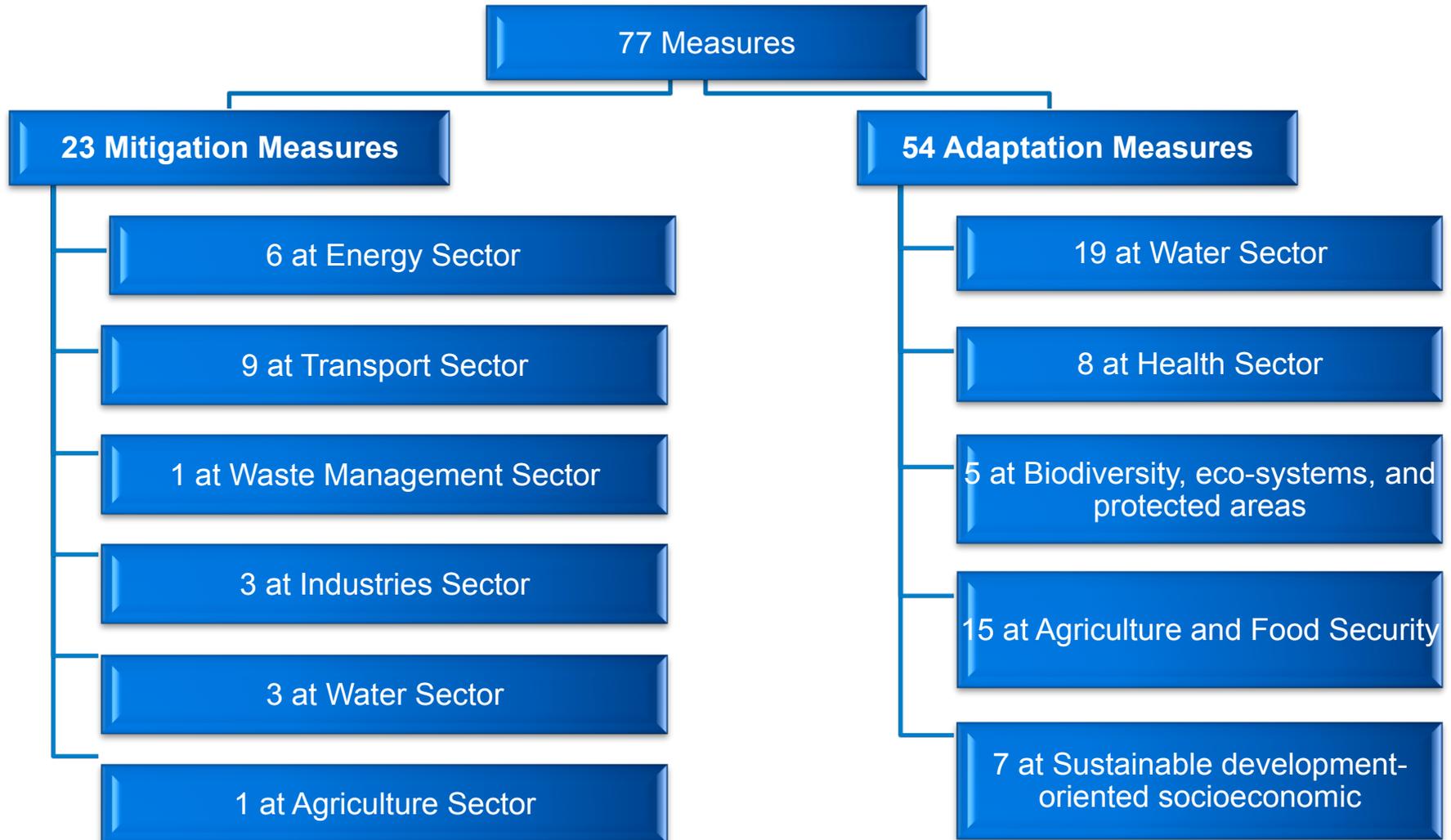
2015

- Key adaptation measures for several sectors were highlighted in the NDCs

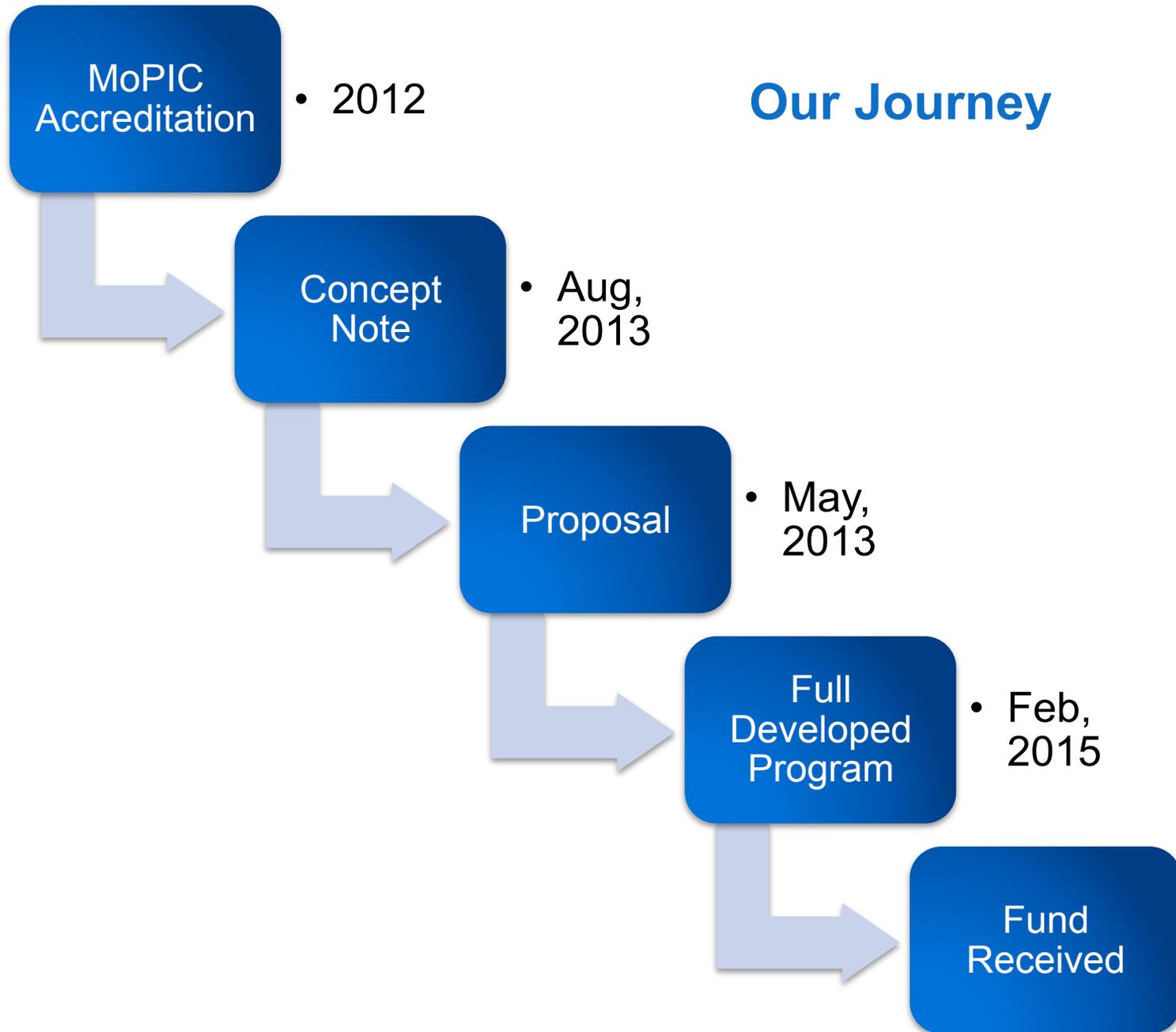
2017

- National Adaptation Plan was launched

Jordan's NDCs



Our Journey



Jordan's Adaptation Fund Program



National Implementing Entity

Ministry of Planning and International Cooperation (MoPIC)

Executing Entities

- Ministry of Water and Irrigation (MWI)
- Ministry of Environment (MoEnv)
- Ministry of Agriculture (MOA)
- Jordan Valley Authority (JVA)/Water Authority of Jordan (WAJ)
- National Center for Agricultural Research & Extension (NCARE)
- Petra Development Tourism Region Authority (PDTRA)
- Hashemite Fund for Development of Jordan Badia
- Royal Scientific Society (RSS)
- Jordan Food & Drug Administration (JFDA)
- Department of Meteorology
- Jordan Standards & Metrology Organization (JSMO)

Main Components

Component 1:

Technology Transfer (the Use of Non-Conventional Water Resources: Reuse of Wastewater; Rainwater Harvesting; and Permaculture)

Component 2:

Capacity Building at both the National and Local/ Community Levels Respectively, Knowledge Dissemination, Policy and Legislation Mainstreaming

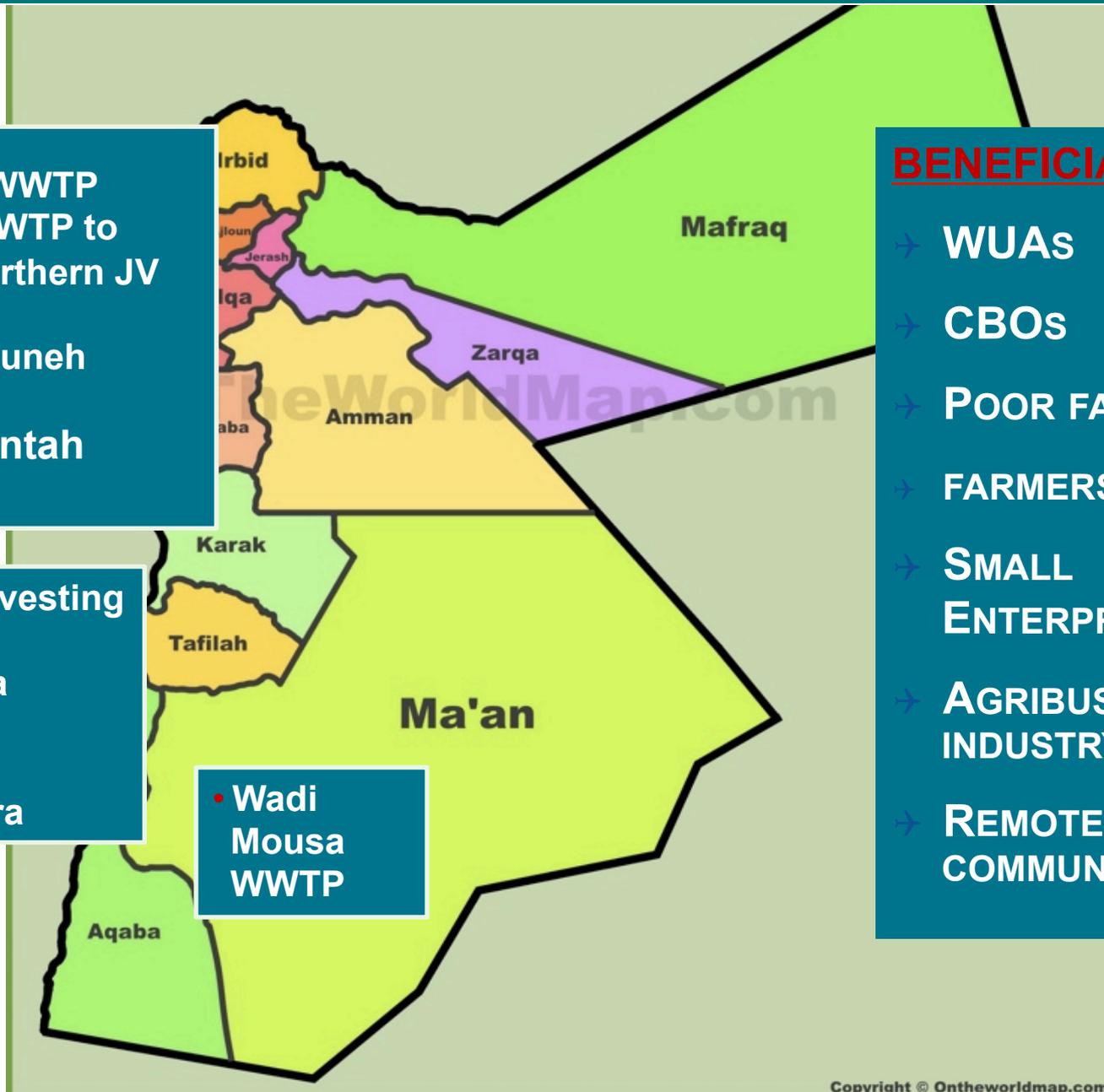
BENEFICIARIES & TARGET AREAS

- Shalalah WWTP
- Dogara WWTP to irrigate northern JV
- North Shouneh WWTP
- Tal El Mantah WWTP

Water harvesting for

- Mazraha
- Haditha
- Fifa
- Kneezera

- Wadi Mousa WWTP



BENEFICIARIES

- WUAs
- CBOs
- POOR FAMILIES
- FARMERS
- SMALL ENTERPRISES
- AGRIBUSINESS INDUSTRY
- REMOTE POOR COMMUNITIES

Meetings with members of all WUAs along Jordan valley to listen to their main agri-business problems



Utilization of treated wastewater for irrigation in northern Jordan Valley



- **Water harvesting Innovation: to cover the water harvesting pool with first-of-its-type-in-Jordan floating PVs, a mitigation co-benefit**

**Proposed two
pilot permaculture
sites (northern
and one southern
Jordan Valley)**





• **Brainstorming workshop with national experts to select the most climate change-adaptive crop to irrigate with TWW at Wadi Mousa Area, Petra.**

- **Example of cooperation with other national institutions to transfer their long research and practical experience (such as NCARE)**



**Knowledge transfer of
historical research and
practical experience of
relevant national
institutions**

**Development of an
early warning
system and
comprehensive
capacity building**





Thank You