

# <sup>1</sup> **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**

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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

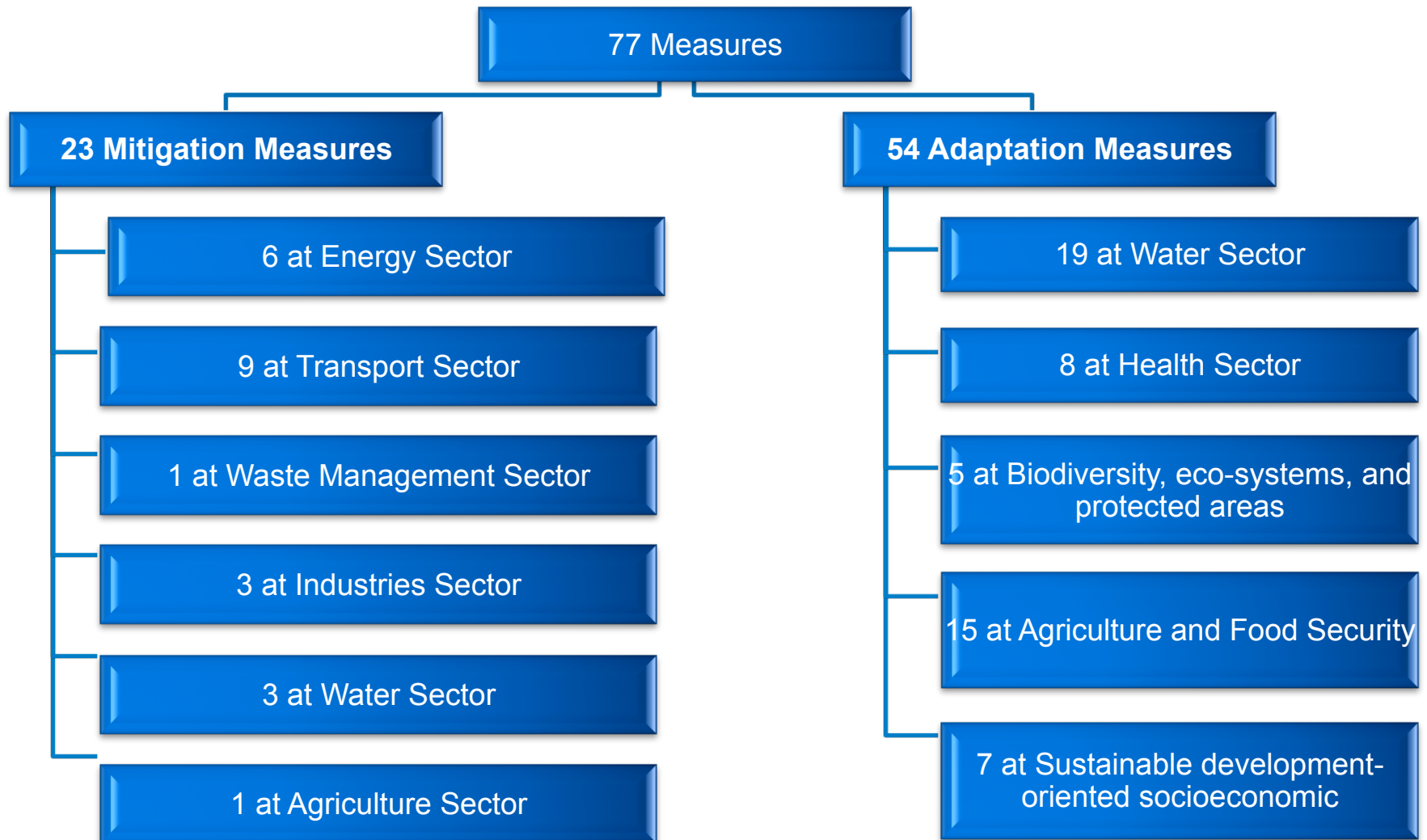
2015

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

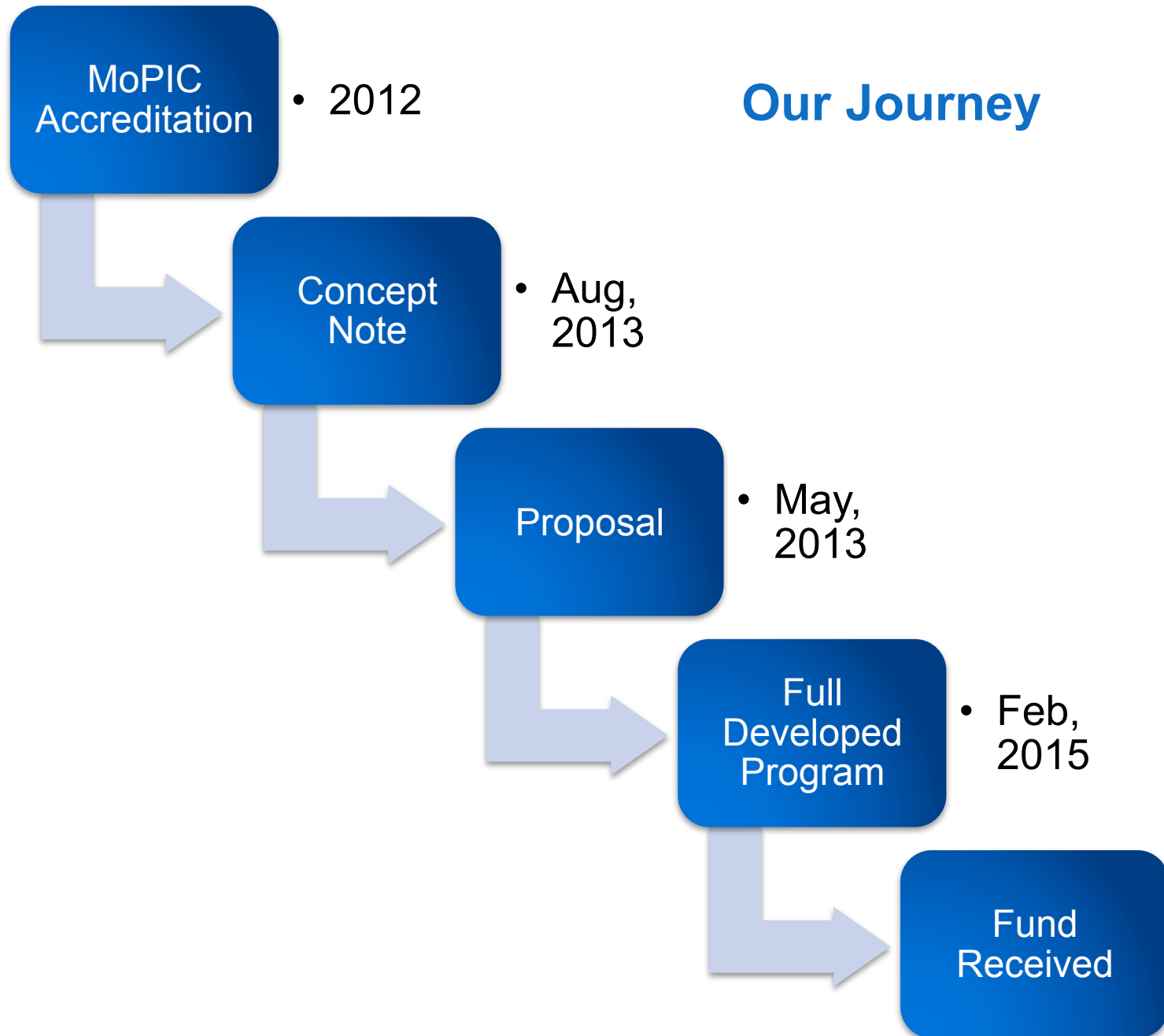
2017

- 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

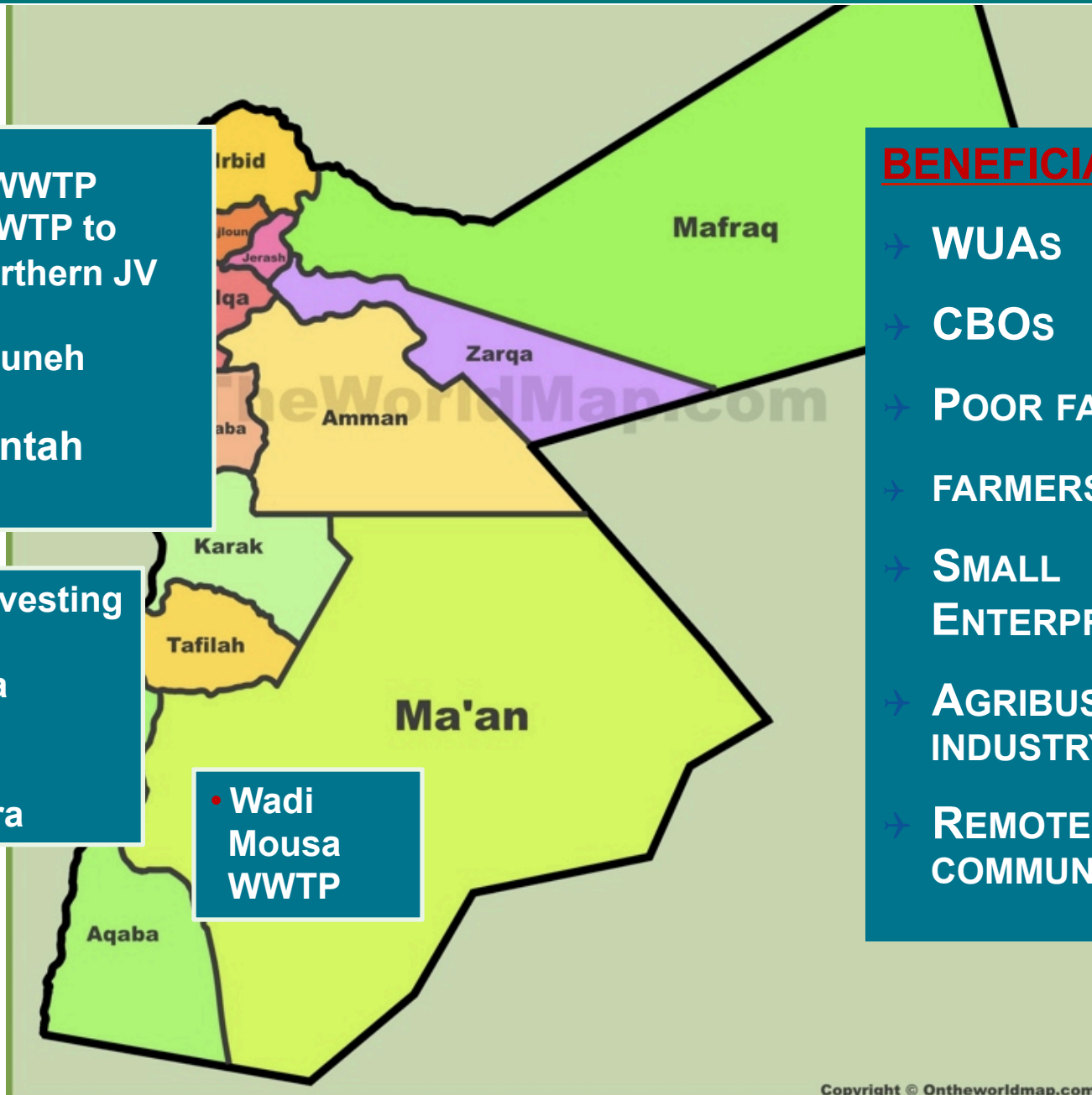
## Water harvesting for

- Mazraha
- Haditha
- Fifa
- Kneezero

- 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*