Regional Conference

for the presentation of the

Regional NGO Master Plan for Sustainable Development in the Jordan Valley

by

Jeroen Kool

Crowne Plaza Hotel, Dead Sea, Jordan, June 9th and 10th 2015
Project Objectives

The overall objective is to promote peace, prosperity and security in the Jordan Valley through the identification of feasible interventions that will restore the Valley’s environmental and ecological values within a realistic financial and economic development framework.

The Plan assumes that a future independent State of Palestine will be recognized as one of the three riparians to the Jordan River, side by side with Jordan and Israel, with all three nations entitled to an equitable share of the valley’s resources.
The project is executed:

For:
**WEDO / EcoPeace** Middle East  
**SIWI** Stockholm International Water Institute  
**GNF** Global Nature Fund

By:
**Royal HaskoningDHV**, with:  
MASAR, Jordan  
CORE, Palestine  
DHVMED, Israel

With finance from:  
The European Union’s Sustainable Water Integrated Management Program (**SWIM**)
Peace

Prosperity
- Pollution Control and Sanitation
- Effective Jordan Valley Governance
- Sustainable Urban, Energy and Infrastructure Development
- Sustainable Water Management and River Rehabilitation
- Sustainable Tourism and CH Development
- Sustainable Agriculture
- Ecological Rehabilitation

Security

Sustainable Development in the Jordan Valley
Projected Population in the Jordan Valley
Projected Water Demands (MCM / yr)
Meeting the Projected Water Demands

- Wastewater Reuse Palestine
- Jordan River for Palestine
- West Bank Floods
- Local Springs Palestine
- Water Import from West Bank
- Local Wells Palestine
- Wastewater reuse Israel
- LJR Valley Springs
- Tavor Stream
- Harod Stream
- Lake of Tiberias / Jordan River
- Groundwater wells Israel
- Wastewater Reuse Jordan
- Zarqa Carrier 1 and 2
- Jordanian Dams and Wadis
- Mukheiba Well Field
- Yarmouk River
- Groundwater wells in LJR Jordan
- Purchased DW to Amman
- Tiberias Carrier Pipe to Jordan
Meeting the Strategic Planning Objectives

A Long list of 127 interventions for the Jordan Valley has been identified in co-operation with the key stakeholders, aiming at addressing the strategic planning objectives adequately. They totally represent in investment of 4.58 Billion USD until 2050 (excl. operations).
Annual Jordanian Investments

Annual Palestinian Investments

Annual Israeli Investments

Annual Regional Investments

All in MUSD per year
These interventions aim at:

- eliminating all sources of environmental pollution in terms of wastewater and solid waste in the Jordan Valley by 2025

- improving water use and irrigation efficiencies and the economic outputs per unit of agricultural water used

- strengthening the national authorities in the Jordan Valley and establishing a trans-national Jordan River Basin Organization

- It is proposed that for implementing each set of interventions a regional coordination structure, or steering committee, will be set up under each strategic objective
- restoring the good ecological status of the Jordan Valley in general and the Jordan River particularly

- developing the Jordan River into a multi-functional water system with sufficient environmental flows to support ecological restoration, to support tourism / economic development and to enable north to south water conveyance

- Restoration the intrinsic cultural heritage sites in the Valley, and boosting the tourism economy in the area

- To develop sufficient housing, sustainable energy and infrastructure facilities in the valley to meet the projected demands by 2050
The interventions are to be financed by:

- Israeli Projects Finance
- Private Sector Investments
- Public Jord and Pal Investments
- Donor Funds
Steering Committee for Pollution Control and Sanitation

Steering Committee for Sustainable Water Management and River Rehabilitation

Steering Committee for Sustainable Urban, Energy and Infrastructure Development

Steering Committee for Ecologic Rehabilitation

Steering Committee for Sustainable Tourism and CH Development

Steering Committee for Sustainable Agriculture

Jordan River Basin Organization
The Jordan Valley in 2050

GDP = 4 BUSD in 2010

<table>
<thead>
<tr>
<th>Country</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jordan</td>
<td>51%</td>
</tr>
<tr>
<td>Israel</td>
<td>14%</td>
</tr>
<tr>
<td>Palestine</td>
<td>35%</td>
</tr>
</tbody>
</table>

GDP is 73 BUSD in 2050

<table>
<thead>
<tr>
<th>Country</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jordan</td>
<td>41%</td>
</tr>
<tr>
<td>Israel</td>
<td>28%</td>
</tr>
<tr>
<td>Palestine</td>
<td>31%</td>
</tr>
</tbody>
</table>
What Can Move Forward Now?

Within the total set of interventions a series of short term actions have been identified, which can be initiated as soon as possible, as no regret actions.

They represent a total investment value of 495 MUSD, including 165 MUSD of Israeli interventions and 330 MUSD Jordanian and Palestinian interventions to be funded by the donor community.
Conclusions

This study shows that the right balance can be obtained between a healthy economic developmental path for the valley and its people on the one hand, and a Jordan River with sufficient environmental flows to sustain a healthy ecosystem on the other hand.

The study confirms that a sustainable and environmentally friendly water regime can be created in the Jordan Valley by 2050 that creates a clean and healthy river system and facilitates the economic interests all riparian states appropriately, including the future independent state of Palestine.