



The Egyptian-Dutch Advisory Panel on Water Management

A unique bilateral role in the interface of science and policy

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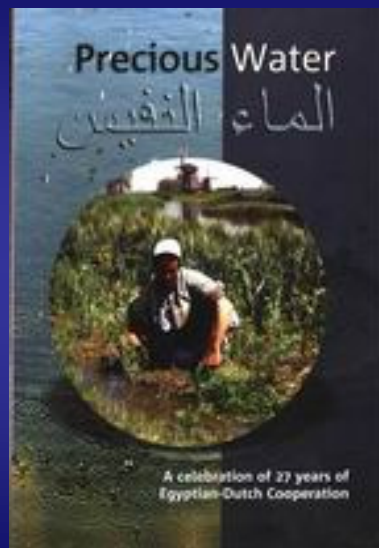
Panel member

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Outline

- Background
- Set-up
- Tools and activities
- Current Panel scope
- Panel Role
- Projects initiated
- Science Policy interface
- Conclusion
- Statements for discussion



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Background

Water Management & High Aswan Dam (1967)

Since the Aswan High Dam became operational, seasonal irrigation changed to perennial irrigation, resulting in a need for drainage, that led to the current long-term Egyptian-Dutch partnership (1976-date)



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Egyptian-Dutch cooperation/ APP

Objective:

... to assist, in an advisory capacity, MWRI in carrying out its responsibilities with regard to managing the water resources of Egypt more efficiently and effectively...



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Egyptian-Dutch Advisory Panel on Water Management/ APP

Long term (1976-date) bi-lateral water cooperation, developed from technical to policy and institutional issues. Panel tools:

- Annual Meeting
- Annual Workshop(s)
- Working Group and Task Force Meetings
- Consultancy missions
- Training programmes
- Initiating projects (> 40 projects)

Leading to Implementable Recommendations

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Panel Structure

- Panel members (12, representing the sectors Water, Agriculture, Economy, Water Boards, Drinking water, Private sector, Research) and chaired by the Egyptian Minister for Water Resources and Irrigation, H.E. Dr. Nasr Allam
- Supported by an instrumental full-time Secretariat

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Current Panel Scope: “IWRM”

- Water resources planning; policy development, evaluation
- Water financing, Public expenditure review
- Environmental protection, WQM, EIA, Climatic change, Wetlands
- Water user’s involvement, WUO’s, and Public private partnership
- Institutional development, decentralization, legislation, MWRI reform
- Socio-economic aspects: water economy, poverty alleviation, gender
- Ground water management, potentiality, protection
- Nile Basin Initiative
- Water Governance
- Water Awareness
- Human Resources development (incl. YPO) & capacity building
- Public Private Partnership
- Management Development

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Achievements/ Benefits include

- Many technical problems solved
- Many institutional problems solved
- Policy advice given on many issues
- Assistance provided with policy formulation
- Huge cost saving through research
- Human resources developed, in both countries (acted as “school” for persons involved)
- Institutions reformed/ established
- Business generated in both countries

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Panel Role

Past

- Work directed to NWRC research institutes
- Advice on drainage implementation, re-use of drainage water, groundwater, etc.
- Joint Research projects to solve problems

Current

- Work directed to MWRI & implementing agencies
- An independent, high-level "think-tank" on "water"
- An effective science-policy interface (unique)
- Direct policy advice to Minister/ Ministries
- High-level link between the two governments

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... initiated projects

The total volume of projects in the last 34 years (1976-2010) exceeds 150 Million Euro

| Projects | Budget in Million Euro |
|---|------------------------|
| 22/03/09 Panel Project Phases 1 - 10 (1976-2009) | 150.0 |
| Land Drainage | 2.3 |
| Drainage Technology and Pilot Areas | 2.2 |
| Drainage Research Programme | 4.5 |
| East Bahy (soft drainage) | 4.5 |
| Drainage IV | 1.4 |
| PVC Raw materials | 0.5 |
| Drainage Executive Management | 6.3 |
| Institutional and Technical Support Project for Strengthening of EPADP (INTESP) | 3.3 |
| Re-use of Drainage Water | 3.6 |
| Re-use of Drainage Water | 0.4 |
| Re-use Monitoring Programme | 2.2 |
| Monitoring and Analysis of Drainage Water Quality | 0.3 |
| National Water Quality Monitoring Network | 0.3 |
| Fayoum Water Management | 15.8 |
| Fayoum Water and Salt Balance Study | 0.8 |
| Salts Pumping Station | 2.5 |
| Fayoum Water Management and Irrigation | 2.5 |
| Fayoum Weed Control | 3.4 |
| Fayoum Water Management | 15.8 |
| Groundwater Management | 1.9 |
| Hydrological Training Programme | 3.4 |
| Development and Management of groundwater Reserves | 0.2 |
| Vertical Drainage Study | 0.5 |
| Feasibility of Groundwater Development | 0.5 |
| Pumps sets | 0.5 |
| Environmental Management of Groundwater Resources Project | 2.0 |
| Control of Waterlogging and Salinisation | 1.1 |
| Channel Maintenance | 3.4 |
| Aquatic Weed Control | 2.3 |
| Creek Camp Project | 1.9 |
| Delta Breeding Station | 3.2 |
| Strengthening the Planning Sector Project | 2.9 |
| Lake Nasser Flood and Drought Control | 9.0 |
| National Water Resources Plan Project | 4.2 |
| Hydrology Study | 0.2 |
| Hydraulic Studies | 2.0 |
| Hydraulic Research on Nile and its Structures (IV) | 1.8 |
| Nile Basin Capacity Building for River Engineering | 3.4 |
| Strengthening the Training Capacity HRU | 1.3 |
| Institutional Development | 3.1 |
| Water Boards Project | 1.9 |
| Manual Channel Maintenance | 0.5 |
| Strengthening the Water Quality Management Unit | 3.0 |
| Strengthening the Groundwater Sector | 1.3 |
| Institutional Reform Unit | 1.0 |
| Fayoum Water Users Organisation Project | 1.1 |
| Integrated Water Resource Management | 0.3 |
| Training for ESA (phase I) Egyptian Survey Authority | 1.3 |
| Training for Managers Egyptian Survey Authority (ESA, phase II) | 16.0 |
| Satellite Image Data sets for Inventory of Lakes & Groundwater Development | 1.3 |
| Water and Stability Project | 16.0 |
| Integrated Irrigation Improvement and Management Project (IIIMP) | 0.0 |
| ESP West Delta Project | 0.0 |
| Total | 156.4 |



Factors for Success

- Structure & set up of the Panel
- Independency & flexibility
- Demand driven
- High level experts involved
- Restraint on politically sensitive issues
- Transparency and mode of operation
- Access to public & private knowledge
- Common understanding & mutual trust
- Similarity of issues
- Commitment to discuss sensitive issues
- Chairman H.E. The Minister
- Strong & well-functioning secretariat
- Financial commitment of both countries



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In short ...

Simple, cost effective and successful...

Platform between knowledge application” and
“government requirements”...

**effective interface between
science and policy**

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Conclusion

The Panel formula could be applied with other countries seeking dialogue on serious water issues and looking for a better connection between “science” and “policy”

The future agenda and role of APP are clear:

A forum in which developments in land and water issues can be critically reviewed jointly and fed with Dutch and international experience

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Statements for discussion

Focal points for further study and action

- A robust science/ policy interface is a must !
- The “Panel model” is worth replicating !

Exchange of knowledge

- Joint (delta) research is “value for money” !

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*“Partnership in water development”
...became like a family...*

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