



Nexus in Practice – Integrated Water, Energy and Food security solutions for Greater Climate Resilience

Presented by Dieter Rothenberger, Head of the GIZ Sector Programme, Water Policy and Innovative Resilience'

S2: Water-Energy-Food-Climate (WEFC) Nexus for Climate-Smart Water Management
Civil Society Pavilion, Blue Zone, Water Day, Sharm El-Sheikh, Egypt
November 14th, 2022, Time: 17:15 – 18:00

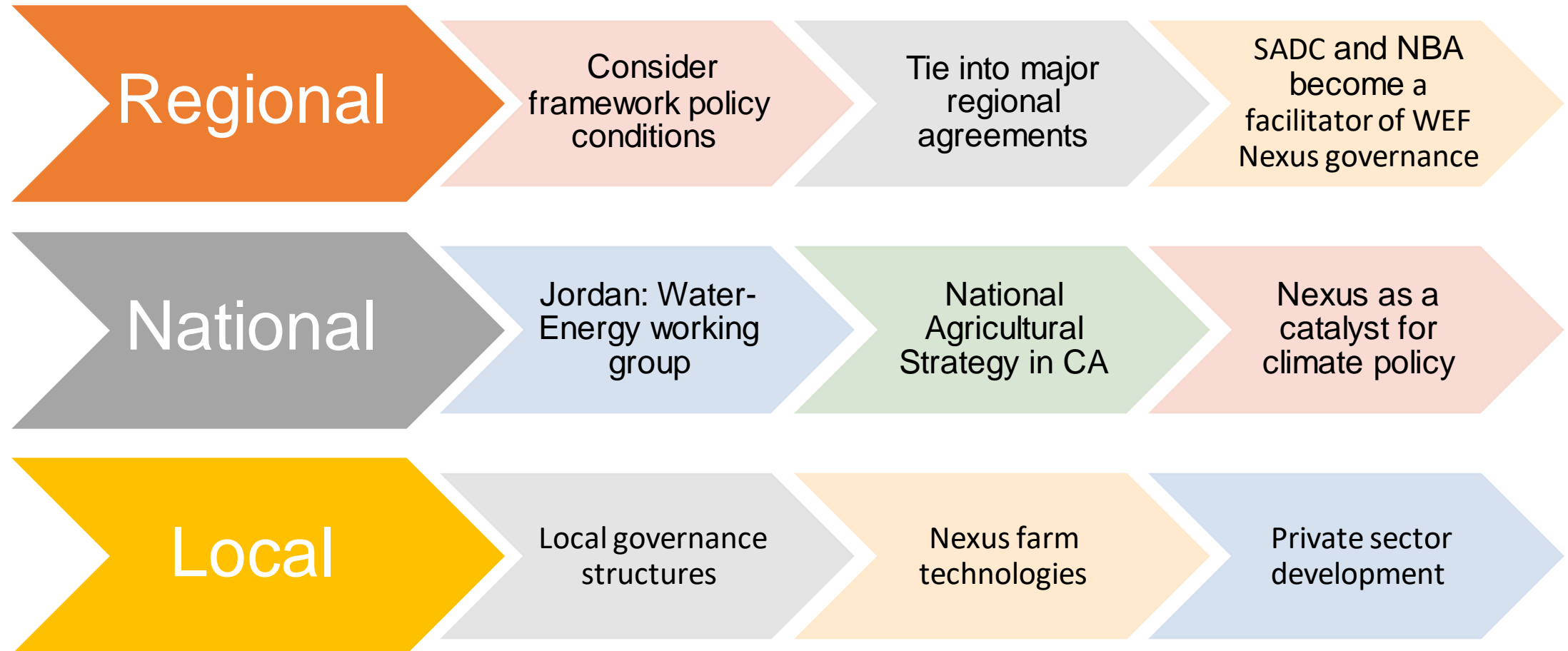
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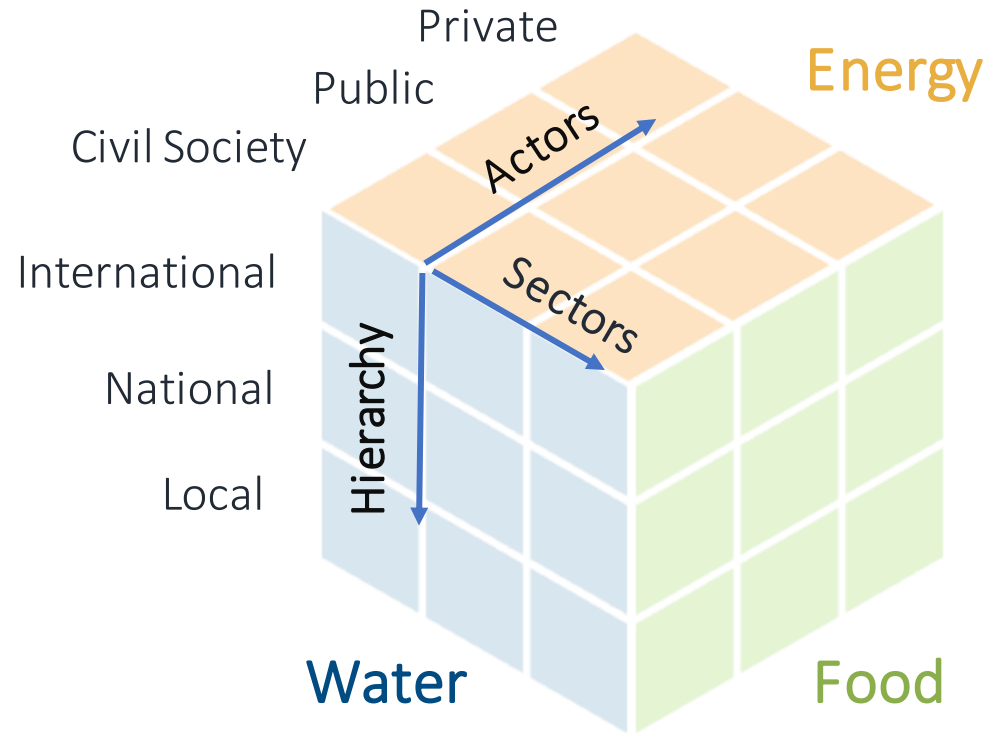
The WEF Nexus approach in practice – Nexus Regional Dialogues (NRD) Programme



Governing the Nexus at different levels



Nexus Governance Cube



The Challenge:
Meeting
Water-Energy-Food
security in a dynamic
world

Nexus Governance Cube

جبال الحبة

— SUSTAINABILITY . AGRICULTURE . LIVELIHOODS —

EL HEIZ



WATER EDUCATION CENTER



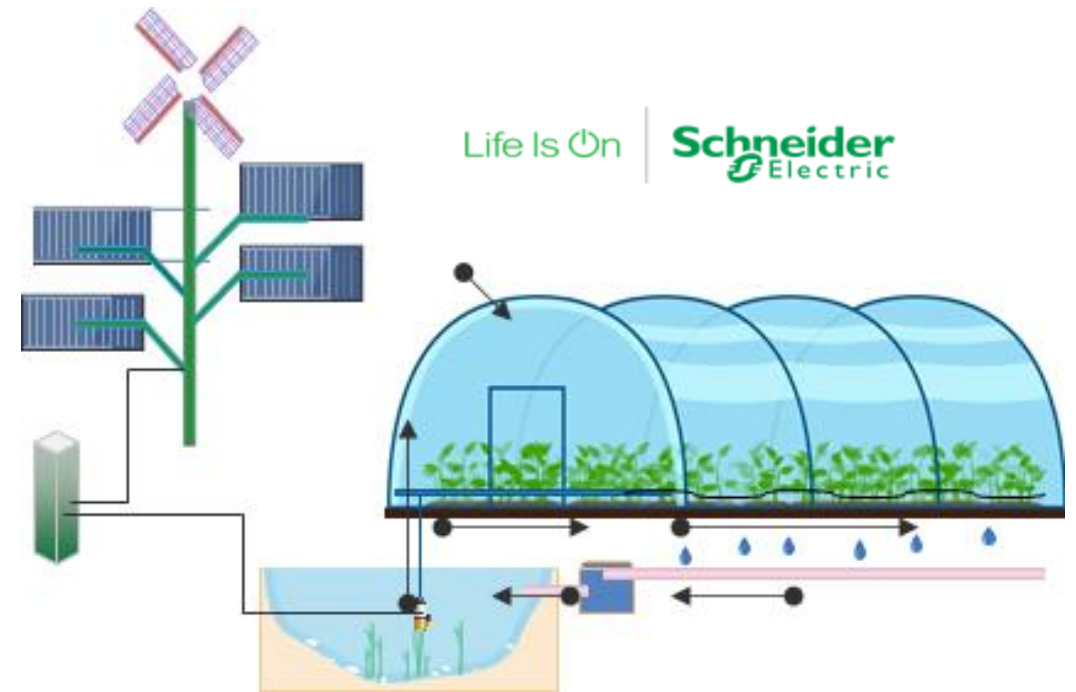
مركز دندرة الثقافي
Dandara Cultural Center



Climate Smart Agriculture – the Nexus Farm Initiative

nexus





Solar powered greenhouse with fishpond, growing area for seedlings, a solar panel tree and a charging station for phones and testing equipment.

Climate Smart Agriculture – the Nexus Farm Initiative

Nexus Farm Initiative

Egypt – Upper Egypt and Western Desert



**Capacity
Development**

**Policy
Dialogue**

**Financing
Dialogue**

8 months process

Nexus Farm Initiative

Egypt – Upper Egypt and Western Desert

Lessons-Learned:

- 1.) Development of policies depend on real, functioning models
- 2.) We are lacking a larger Nexus coordination unit
- 3.) Bottom-up vs top-down -> important to link the levels
- 4.) More concerted promotion of existing public funding opportunities
- 5.) Improve outreach of banks
- 6.) Farmers' Cooperatives to lessen risk for bankers and improve representation
- 7.) Contract farming to lessen risk
- 8.) Support to access higher end markets
- 9.) Need for crop insurance
- 10.) Need for equity financing



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