

Sustainable water , energy. food and environment sectors to achieve climate security

Eng. Abed AL Rahman Sultan

Jordanian Deputy Director - Regional Program Director



EcoPeace Middle East is a unique tri-lateral environmental organization that was founded in 1994.

OUR Vision

A sustainable and prosperous
Middle East

OUR MISSION



Regional
Integration



Sustainable
Management



Water
Security

Our Objective

Promotion of cooperative efforts to **protect our shared environmental** heritage. In so doing, we seek to advance both sustainable regional development and the creation of necessary conditions for lasting peace in our region

Tools

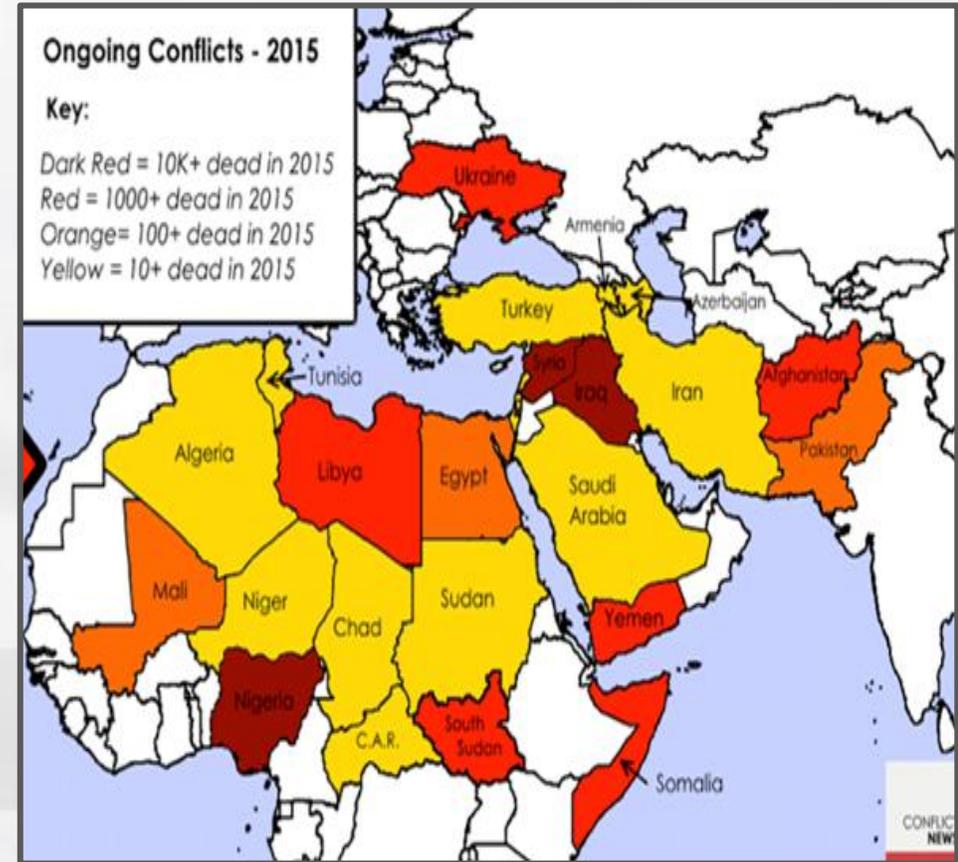
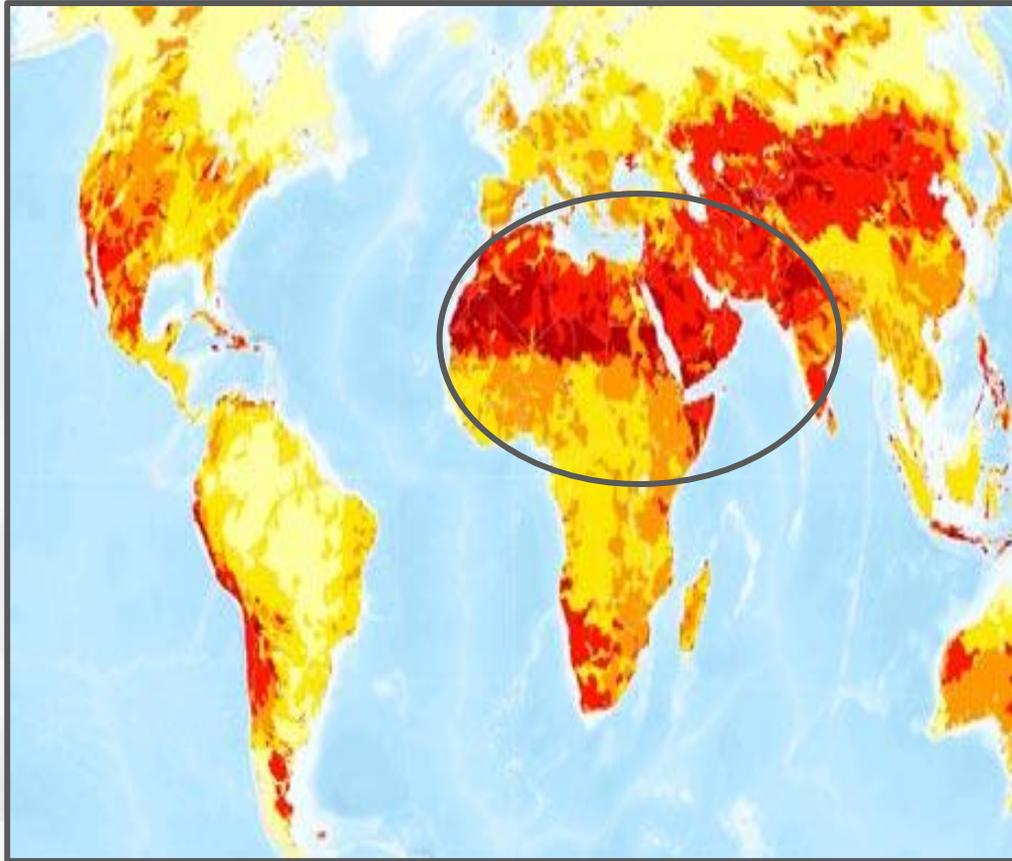
-Supra-regional thinking – Planning -Political will for regional integration- Education

Climate Crises Coupled with Regional Humanitarian Crises

- **Collapse of Diplomacy & Political Tensions:** Undermine cooperation and destroy infrastructure
- **Humanitarian Crises:** Mass displacement exacerbates vulnerability
- **Scarcity:** Water, energy, and food stress intensified by climate change
- **Climate Emergency:** Regional warming and water stress among the world's worst



The Effects of Climate Change



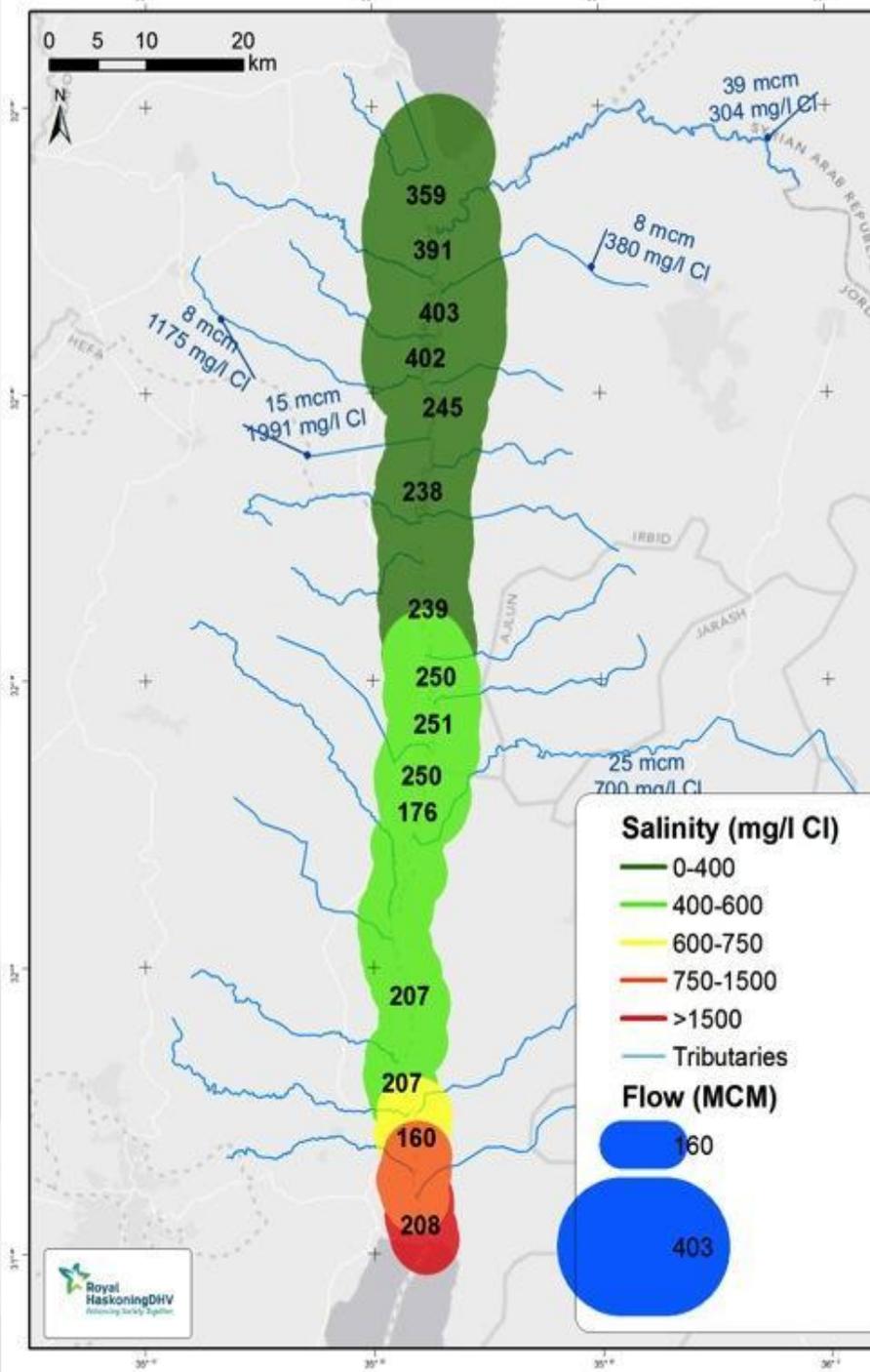


Desalinated Mediterranean Water and Renewable Energy Investments - Existing, Planned and Pilot Projects



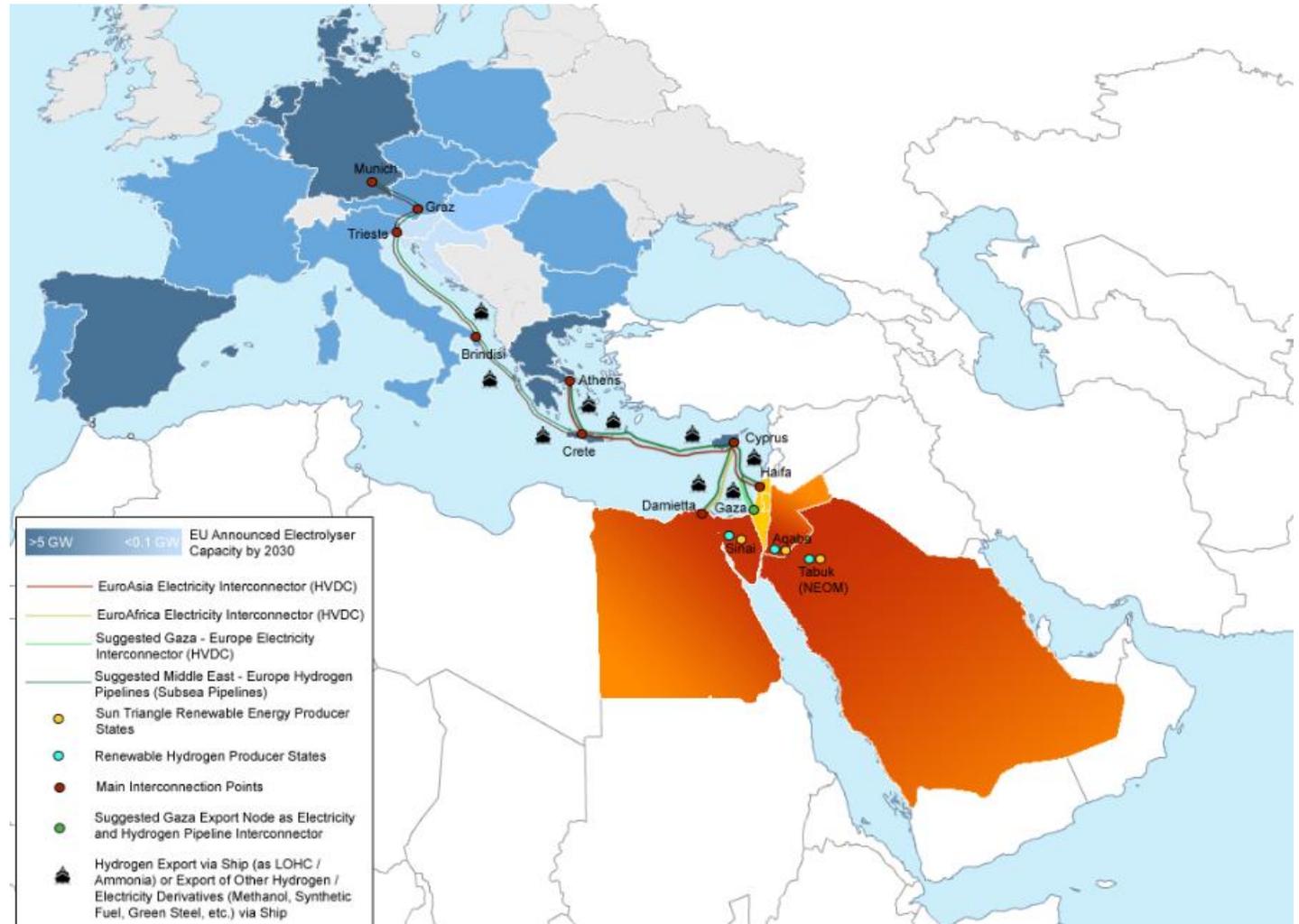
**Water Sale:
Moving Water
West to East**

- LEGEND**
- Lake
 - River/Stream
 - Mountain Aquifer recharge area
 - Mountain Aquifer confined area
 - King Abdullah Canal
 - National water carrier
 - Open canal
 - Reversal of national water carrier
 - Reservoir
 - Desalination plant
 - Future desalination plant
 - Existing capacity >120 MCM
 - Future capacity >150 MCM
 - Existing renewable energy
 - Pilot WEN projects
 - Potable water pipe
 - Export of solar power



Middle East–Europe Renewable Energy Corridor

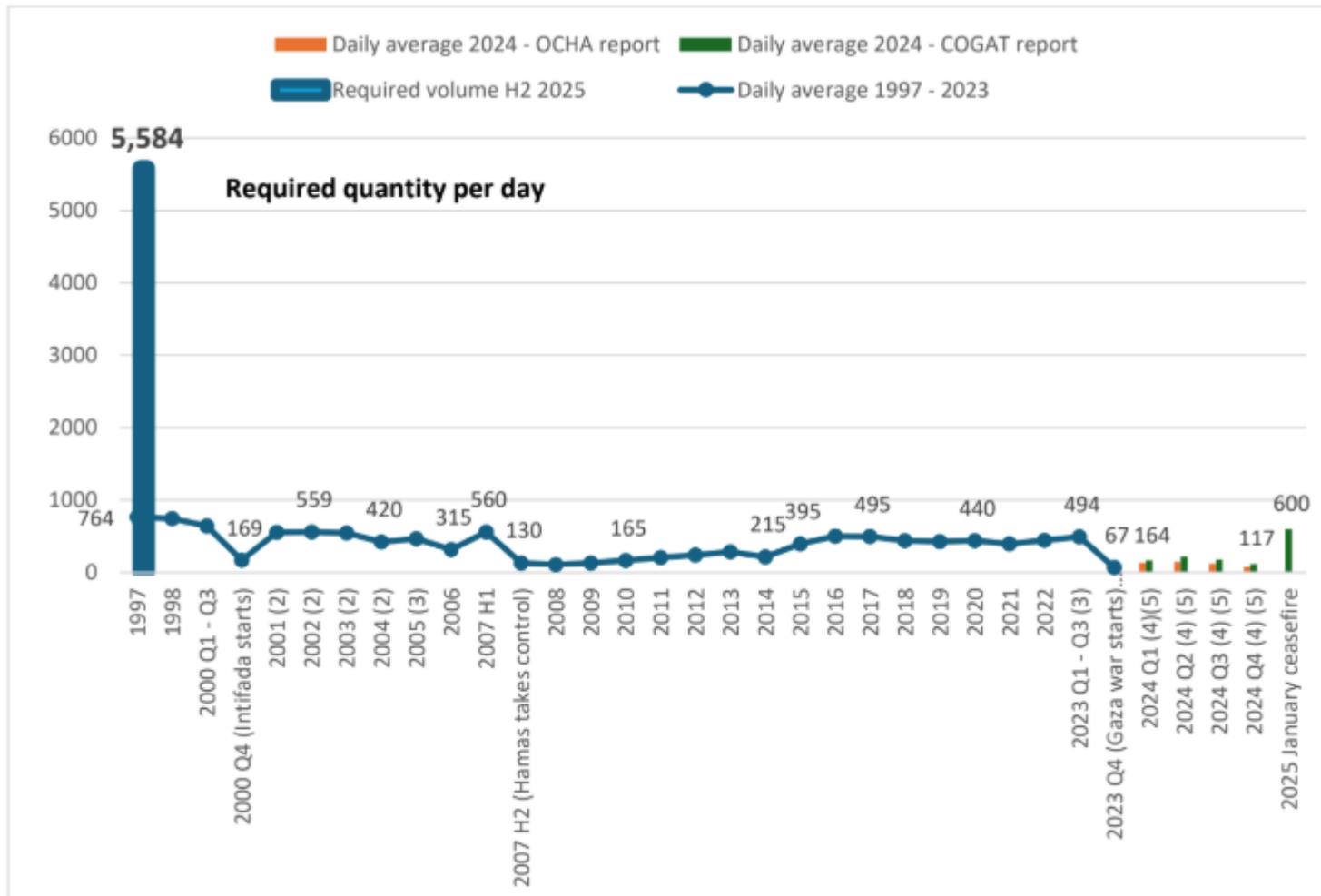
- “Sunrise Region” potential: 170 GW
- Hydrogen & electricity export
- Gaza as a hub for regional + EU cooperation



EcoPeace: Environmental Peacebuilding in Action

- Promotes **shared environmental solutions** as peace tools
- Sustainability and diplomacy





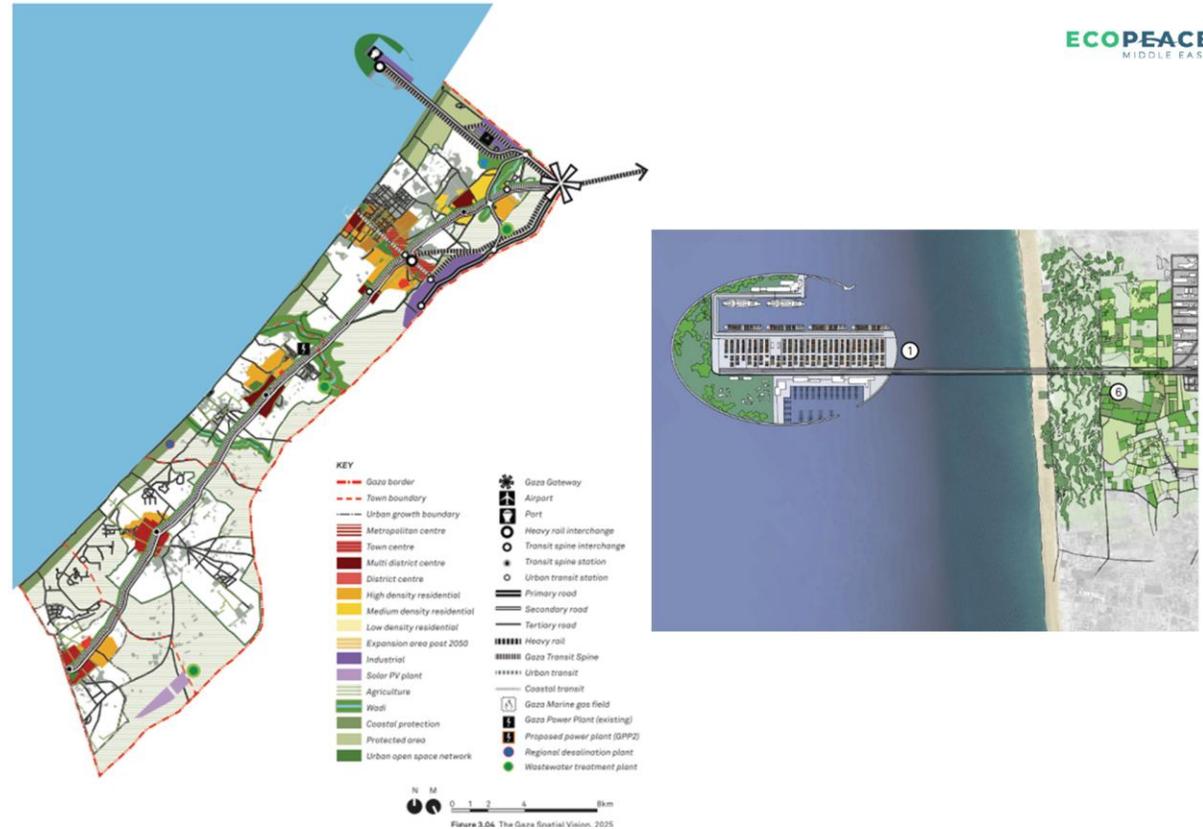
Emergency Humanitarian Work: WASH for Gaza

- Partnership with **WASH Cluster**
- Delivered drinking water tanks, hygiene kits, toilet caravans
- Working to secure **portable desalination units**



Desalination for Gaza, West Bank & Jordan

- 200 MCM/Year desalination plant
- Distribution: 50% Jordan, 25% Gaza and 25% West Bank
- Powered by regional renewable energy (solar & wind energy)



Thank you

