Gaza Strip: Water and Habitat Department- January-December 2015

Current Project Planning

The WatHab activities are reported along the following categories:

Water and Wastewater: covers activities WatHab implements in the water and power sectors in partnership with or to build the capacity of the Palestinian Water Authority (PWA), the Coastal Municipalities Water Utility (CMWU), and the Gaza Electrical Distribution Company (GEDCo) in Gaza.

Emergency Preparedness: for the last 15 months, the ICRC closely works with PWA, CMWU, PENRA GEDCo and Ministry of Local Government (MoLG) to support the elaboration of Gaza water and power service providers' contingency planning, and implement the most needed emergency preparedness measures.

Health : covers activities and projects supporting infrastructure, and non-medical equipment in Gaza hospitals in partnership with the Ministry of Health (MoH).
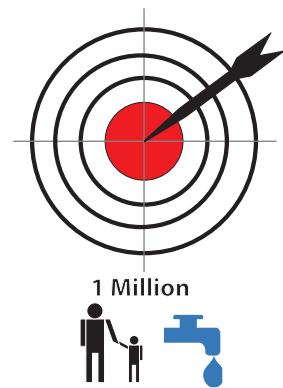
Detention: covers support activities WatHab implements in permanent and temporary places of detention in Gaza in partnership under the respective management of the Ministry of Interior (MoI)' General Administration of Rehabilitation and Reform Centers (GARRC) and Palestinian Police (PP).

Power : covers support to GEDCo to restore Gaza power distribution system capacity and rehabilitate the electrical grid in order to restore the connection of essential public infrastructures

By End of 2015

1 Million

Rehabilitation of Water and Sanitation Infrastructures in Gaza Strip

Projects that Covers all Gaza Strip

- Mechanical and Electrical Refurbishment Water and Wastewater Facilities **(800,000 Beneficiaries)**

- Emergency Rehabilitation and Refurbishment Wells ,Pumping Stations **(800,000 Beneficiaries)**

- Emergency Intervention for Winterization and Cleaning Requirements **(190,000 Beneficiaries)**

- Nahal Oz – Mekorot Connection Water Supply **(400,000 Beneficiaries)**

Rehabilitation of Abu Naser Well **(15,000 Beneficiaries)**

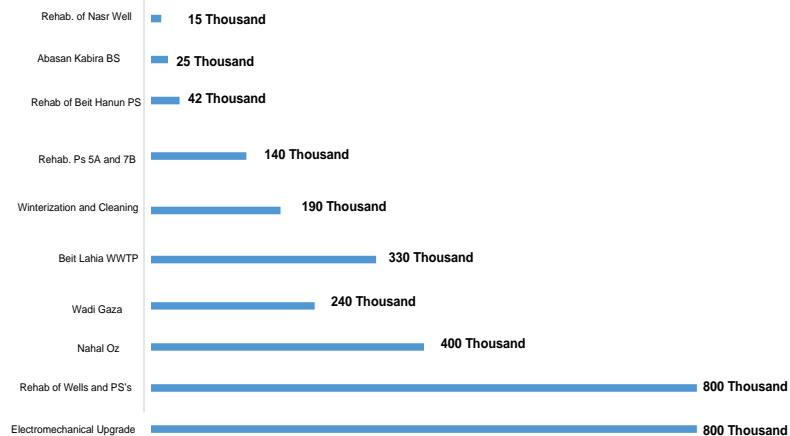Rehabilitation of Beit Lahia WWTP **(330,000 Beneficiaries)**

Emergency Repairing Wastewater Pumping Stations **(42,000 Beneficiaries)**

Rehabilitation of Pump Stations 5A&7B **(140,000 Beneficiaries)**

Wadi Gaza Environmental Improvement
Lot 1 – Intermediate WWTP (treatment capacity of 16'000m3/d)
Lot 2 – 4km of pressure line three sewage pumps
Lot 3 – Rehabilitation of Al-Nusirate sewage pumping station **(240,000 Beneficiaries)**

Electromechanical Refurbishment Water Booster Station **(75,000 Beneficiaries)**

Map labels: GAZA NORTH, Beit Lahia, Beit Hanun, Gaza, GAZA, Wadi Gaza, Deir Al Balah, MIDDLE AREA, Bani Suhaila, KHAN YUNIS, RAFAH

Water and Wastewater Projects VS Beneficiaries

Project	Beneficiaries
Rehab. of Nasr Well	15 Thousand
Abasan Kabira BS	25 Thousand
Rehab of Beit Hanun PS	42 Thousand
Rehab. Ps 5A and 7B	140 Thousand
Winterization and Cleaning	190 Thousand
Beit Lahia WWTP	330 Thousand
Wadi Gaza	240 Thousand
Nahal Oz	400 Thousand
Rehab of Wells and PS's	800 Thousand
Electromechanical Upgrade	800 Thousand

Support to the Health Sector

Emergency Preparedness (1,723 beneficiaries)
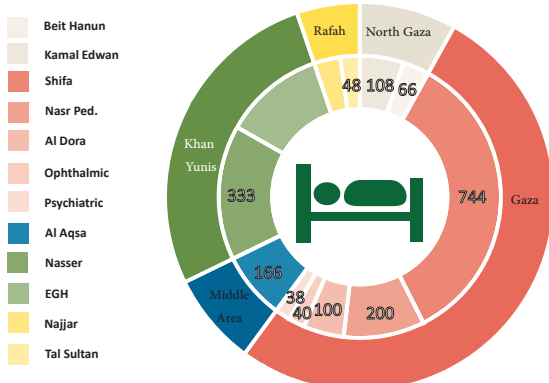- Application of 3M protective film

Hospitals Rehabilitaion (321 beneficiaries)
- Repair damage from 2014 conflict

Securing Reliable Power Supply (2,257 beneficiaries)
- Generator maintenance and repair
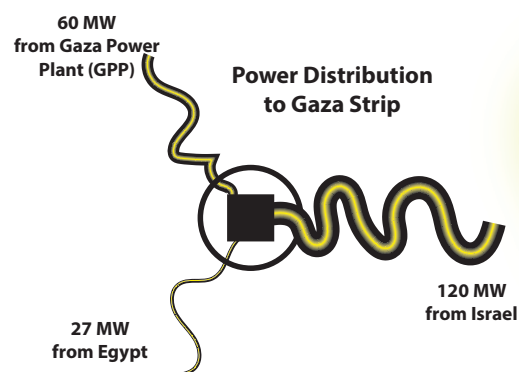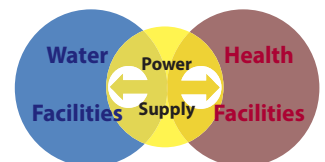- Supply of oil and consumables
- Operations capacity development

MoH Hospitals VS No. of Beds

Legend: Beit Hanun, Kamal Edwan, Shifa, Nasr Ped., Al Dora, Ophthalmic, Psychiatric, Al Aqsa, Nasser, EGH, Najjar, Tal Sultan

Ring chart values: Rafah, North Garza, 48, 108, 66, Khan Yunis 333, Gaza 744, Middle Area 166, 38, 40, 100, 200

Support to the Power Sector

Covering all Gaza Strip

- Restock GEDCo warehouse Providing electrical material

- Support the rehabilitation of Gaza power distribution network

- Rehabilitate the electrical grid and restore the connection to WASH and Health facilities

Water Facilities — Power Supply — Health Facilities

Power Distribution to Gaza Strip

60 MW from Gaza Power Plant (GPP)

27 MW from Egypt

120 MW from Israel

Deficit 50%