



KKL-JNF WATER RESERVIORS

An Introduction

KKL-JNF'S WATER RESERVOIRS

- KKL-JNF has built over 240 reservoirs around Israel that store treated water **for agricultural use**.
- The reservoirs supply about 40% of all water used in agriculture each year.
- Israel reuses close to 90% of its effluents, mainly for irrigation.
- The reservoirs ensure that this precious resource can be stored and reliably accessed by farmers in times of need.



KKL-JNF has pioneered the construction of water reservoirs across Israel, addressing the critical challenge of water scarcity in a semi-arid climate.

These facilities are not just storage units; they are strategic national assets that bridge the gap between water availability and agricultural demand.

240+

RESERVOIRS BUILT

40%

AG WATER SUPPLY

90%

EFFLUENT REUSE

KKL-JNF's network forms the backbone of Israel's recycled water economy.

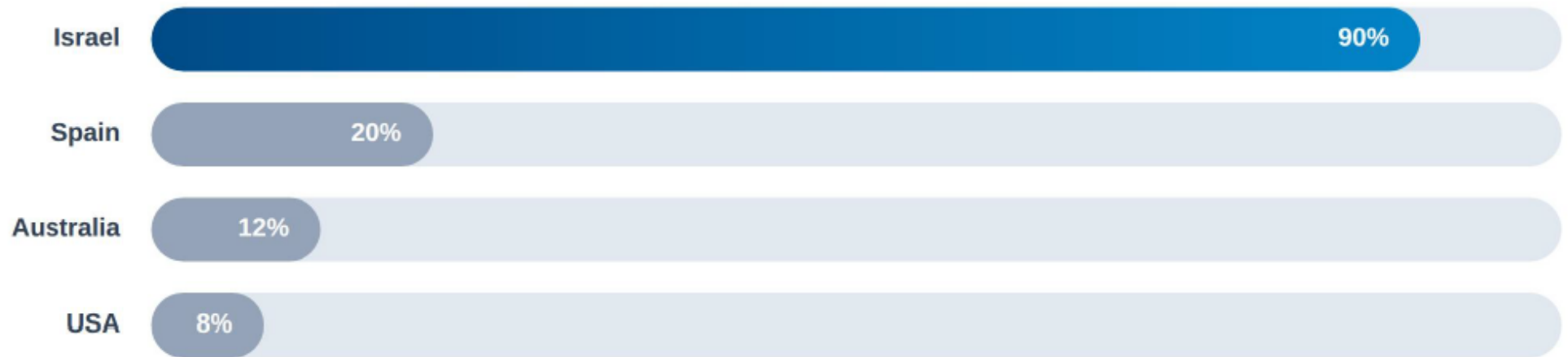


Water
Management



harvesting
300 million m³
recycled water
annually

WASTEWATER REUSE BENCHMARKS



Source: Internal Research & Water Authority Data. KKL-JNF reservoirs are the primary storage for this 90% reuse capacity.

An aerial photograph showing a large, irregularly shaped reservoir with a greyish-blue surface, surrounded by a dry, brown landscape. In the foreground, there are several large, rectangular plots of a vineyard with rows of green grapevines. The sky is clear and blue.

THE LATEST PROJECTS



קרן קימת לישראל
K K L - J N F



- Hoshen 1
- Bar'on 2
- Shomrat 3
- Beit Nir 4
- Arad 5
- Holit 6
- Nahal Oz 7
- Kfar Aza 8



The Shomrat Water Reservoir

- **Location:** the Mate Asher Regional Council in Northern Israel
- **Capacity:** 3 million cubic meters
- **Source:** treated effluents
- **Project cost:** NIS 4,071,000 - 8,142,000
- **Project No:** 7818
- **More info:** <https://marketing.kkl-jnf.org/single-project/?project-id=7818>



THE HOLIT WATER RESERVOIR

- **Location:** southern Israel near the Gaza Strip border
- **Capacity:** 400,000 cubic meters
- **Source:** recycled water
- **Project cost:** NIS 50,000 - 9,576,540
- **Project No:** 20464
- **More info:** <https://marketing.kkl-jnf.org/single-project/?project-id=20464>



THE ARAD RESERVOIR

- **Location:** near Arad in Southern Israel
- **Capacity:** 500,000 cubic meters
- **Source:** recycled water
- **Project cost:** NIS 5,000,000 - 10,000,000
- **Project No:** 12428
- **More info:** <https://marketing.kkl-jnf.org/single-project/?project-id=12428>



THE BEIT NIR RESERVOIR

- **Location:** Kibbutz Beit Nir
- **Capacity:** 2.9 million cubic meters
- **Source:** captured runoff water from the Lachish & Judea areas
- **Project cost:** NIS 11,280,000 - 22,560,000
- **Project No:** 20969
- **More info:** <https://marketing.kkl-jnf.org/single-project/?project-id=20969>

Under Construction



THE BAR'ON RESERVOIR

- **Location:** the Golan Heights
- **Capacity:** 1.9 million cubic meters
- **Source:** rainwater
- **Project cost:** NIS 4,900,000 - 9,800,000
- **Project No:** 12803
- **More info:** <https://marketing.kkl-jnf.org/single-project/?project-id=12803>



THE HOSHEN RESERVOIR

- **Location:** Golan Heights
- **Capacity:** 2 million cubic meters
- **Source:** rainwater
- **Project cost:** NIS 8,850,000 - 17,700,000
- **Project No:** 15903
- **More info:** <https://marketing.kkl-jnf.org/single-project/?project-id=15903>



Illustrative

THE KFAR AZA RESERVOIR

Location: Near the Gaza Strip

Capacity: 500,000 cubic meters

Source: rainwater

Project cost: NIS 2,315,000 – 4,630,000

Project No: 23935

- **More info:** <https://marketing.kkl-jnf.org/single-project/?project-id=23935>

**Reconstruction after
the Iron Swords War**



THE NAHAL OZ RESERVOIR

- **Location:** Near the Gaza Strip
- **Capacity:** 3.5 million cubic meters
- **Source:** rainwater
- **Project cost:** NIS 1,194,474 - 2,388,948
- **Project No:** 23934
- **More info:** <https://marketing.kkl-jnf.org/single-project/?project-id=23934>

**Reconstruction after
the Iron Swords War**