

Algar dam. 1st dam exclusively built for recharge of aquifers Valencia - Spain

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ALGAR DAM SUCCESS STORY

- Traditional irrigation from 2000 years ago
- Early XX century: dam for water storage was rejected because perviousness of terrain
- Palancia river: delta overexploited since 60s. Underground non renewable resources mobilized.
- 1996: Project recovered for other goal: recharge
- 2000: Dam commissioned.
- 2019: A success story is already proved:
 - Effective recharge about 10 Hm³/year
 - NAP moved up 80 m: aquifer balance recovered
 - Ecosystem recovered gaining resilience