

Technical Visit **WATER**



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SHARE-Barcelona

SHARE-Barcelona is an initiative of Assessorament, Estratègia i Mediació, **BGM** and Nova Consulting Organization, **NCO** with over 25 years of experience in national and international projects, which have reflected on future proposals for the XXIst century urban management and intervention.

SHARE – Barcelona’s main objective is to exchange knowledge between Barcelona and all other cities and professionals who aim to deepen in several areas including sustainability, health, architecture and urbanism in Barcelona.

SHARE-Barcelona, organizes, connects and facilitates visits, trainings and new experiences to public administrations, companies, experts and researchers interested in learning about Barcelona and its Metropolitan area solutions to advance to a more sustainable city model.



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Technical Visit WATER

10:00 → Participants pick-up at Meeting point (to be determined)

10:30 → Visit to a **rain water regulated deposit**

These deposits are part of the sewer system and have two specific functions:

- First, their retaining volume capacity allows a flow reduction, so that the maximum value of the flow at the end of the deposit is noticeably lower than the one in the entrance. This has direct positive effects in the water network which can work without pressure in case of strong flood.
- The second function is environmental: retaining highly polluted water draining from the city avoids polluting beaches, rivers and ports. The retained water is slowly released allowing the sewage plant to treat it. Added to this, retained water lowers its contamination levels given the sedimentation caused by the retention.

12:00 → Visit to the **Prat de Llobregat Desalination plant**

The lack of available flow to guarantee permanent supply to over four million inhabitants, as well as toughness and salinity problems normally matching demand peaks and lower resources availability have led to Aigües Ter Llobregat to build a sea water desalination plant as the best option to increase both quality and quantity of distributed water and reach higher supply guarantee levels.

With the Llobregat desalination plant the company intends to guarantee and complement potable water demands within the ATLL network, adding 60 Hm³/year of desalinated sea water with an average flow capacity of 180.000 m³ / day.

13.30 → End of visit.

Contact

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