

alter aqua

The Non Conventional Water Resources Programme in the Maltese islands provides sustainable solutions to address water scarcity issues



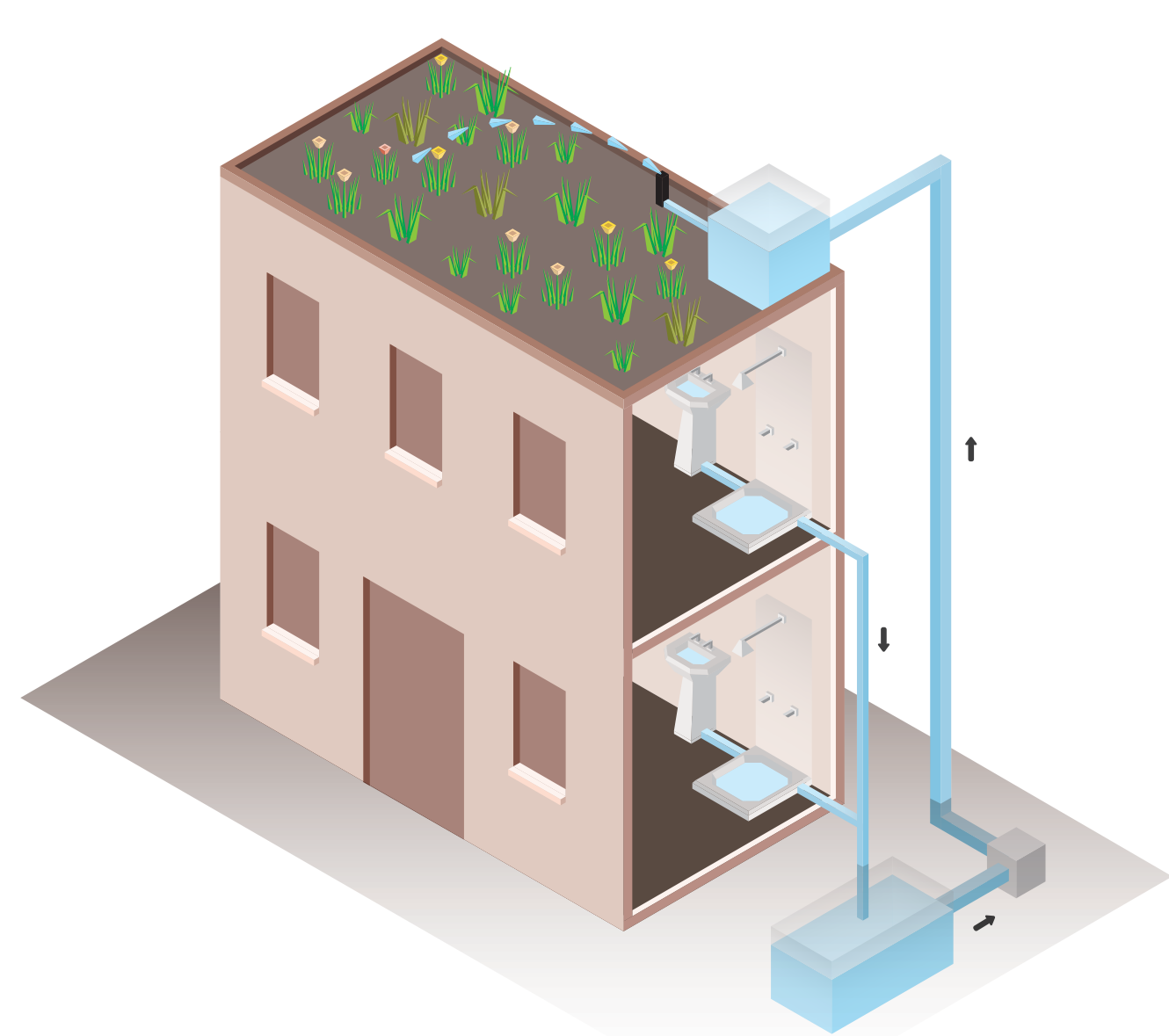
GREEN INFRASTRUCTURE WORKS in selected public buildings and areas for the demonstration of innovative NCWR technologies



RAINWATER HARVESTING

Rainwater is harvested and reused for toilet flushing and irrigation.

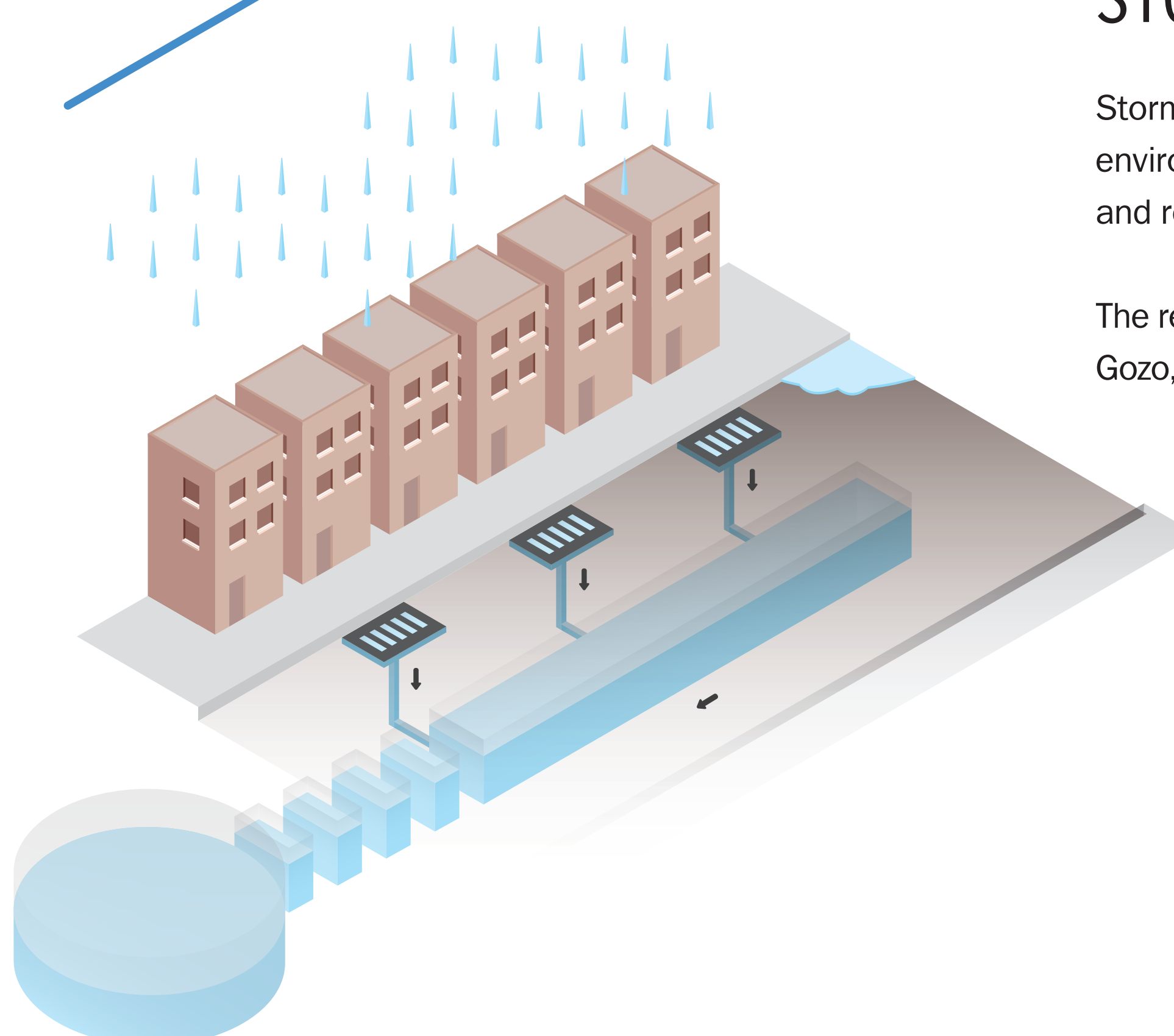
Four Rainwater Harvesting Systems installed & eight more reinstated at schools, the Gozo Experimental Farm and the Ministry for Gozo.



GREYWATER RECYCLING

Greywater, the wastewater generated from taps, wash basins and showers, is treated and reused for irrigation and toilet flushing.

Four Greywater Recycling Systems installed at the Gozo Football Stadium, the Malta College of Arts, Science & Technology (MCAST), the Helen Keller Resource Centre and the Tal-Qroqq National Swimming Pool.



STORMWATER MANAGEMENT

Stormwater retention applications in valleys and in urban environment increase the water capacity for irrigation and reduce floods.

The reconstruction of the rubble walls at the **Ramla Valley**, Gozo, captures stormwater run-off.



EDUCATION FOR SUSTAINABLE DEVELOPMENT



STUDENT HANDS-ON ACTIVITIES & TEACHER TRAINING

Instilling the values of sustainable water use and the use of non conventional water resources to the next generation is essential to better preserve and enhance the Maltese islands' scarce water resources. Students participate in educational activities in all schools in Gozo and at the Xrobb I-Ghagin Nature Park and Sustainable Development Centre. Teachers are trained in dedicated sessions on the use of the innovative *Alter Aqua* Educational Material, based on the principles of Education for Sustainable Development.



AWARENESS RAISING

CAPACITY BUILDING

POLICY DIALOGUE