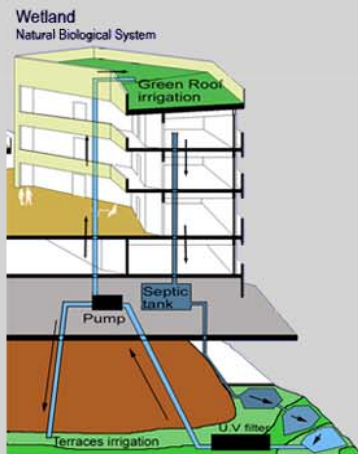
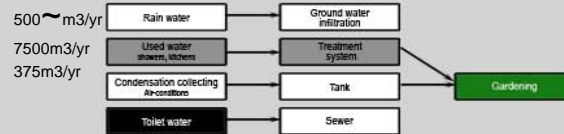


Ecologic Architecture - The Green Building



Maximum recycling of water



Water recycling and reuse
“Grey” water recycling.
Rain and AC water collection,
storage and controlled re-use
Alternative Water Recycling System

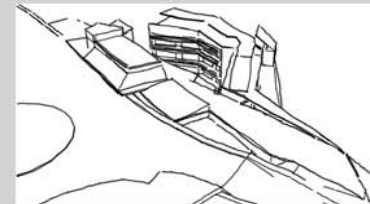
Sustainable energy source.

Use of natural light transmitted via fiber optic cables and windows to all parts of the building.
Extensive use of Photovoltaic (PV) panels to maintain renewable energy production and reduce emissions

Roofs	750 M2	50 KwP
Balconies	200 M2	20 KwP
Building core	100 M2	10 KwP
Total	1,050 M2	80 KwP
Annual capacity	126,000 Kwh/Year	

SWITCH and the Green building

One of the examples that SWITCH has contributed to linking the people and initiatives is the idea of the development of a design of a “Green Building” to be constructed in the vicinity of the University of Tel Aviv, in collaboration with Elram Consultants. The water and green roofs components of the project are meant to implement sustainable solutions developed and tested by SWITCH in Tel Aviv and SWITCH consortium partners around the world, could be implemented, together with the Learning Alliance multi-stakeholder engagement methodology.



Ecological building as a laboratory

- An office building that collects and recycles resources
- Integration within the existing surrounding landscape provides a new green area in the city for residents and commuters.
- The green roof improves insulation and energy preservation.
- Influenced by Iron Age Architecture in the Land of Israel
- Court yard that provides natural lighting into the building and chilly surroundings at summer times.



The Transportation

- By train: Students and visitors, commuting by train
- In the building affixed showers, to encourage the residents to use bicycles as a transportation method