



The Lebanese Environmental Action: for Water, Air, Air Quality and the Environment

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What is LEA?

LEA is a national financing mechanism by the Central Bank of Lebanon in the assistance of LCEC.

LEA allows private sector entities to apply for subsidized loans for any type environmental conservation measure related:

Water

Air Quality

Resource
Conservation

Environment

It covers loans by any Lebanese commercial bank with 0.75-1.075% interest rate and a repayment period of up to 14 years including a grace period of 4 years.

Eligible Measures for Water Conservation



Rainwater
Harvesting



Efficient
Irrigation



WWTP

Eligible Measures for Water Conservation



Sustainable Landscaping



Sustainable Agriculture Practices



Water Efficient Fixtures

LEA: Requirements by Measure

Landscaping

- Native Plants
- Low water requirements/ Drought Resistant Plants

Efficient Irrigation

- Drip standard, drip pressure compensating, fixed spray, micro spray, rotor
- Achieve 30% water savings from BAU

WWTP

- Effluent water quality suitable for other purposes reuse

LEA: Requirements by Measure (Cont'd)

Rainwater Harvesting

- Harvested water quality suitable for further uses

Sustainable Agriculture

- Example: Soilless Irrigation (Hydroponics/Aquaponics)

Efficient Water Fixture

- Reduce Indoor Water Consumption by 30% compared to BAU

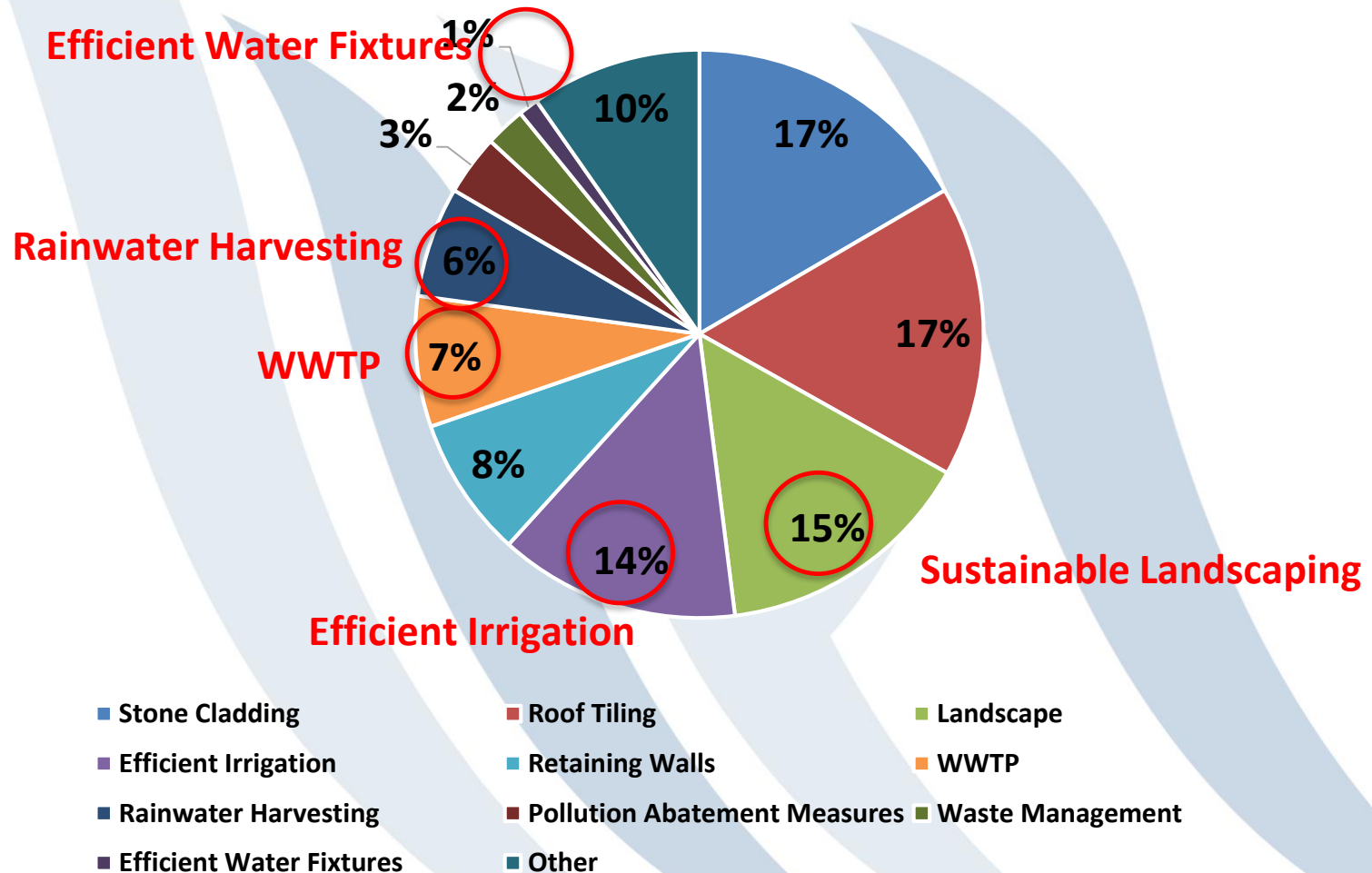
LEA Results

Until November 2017:

- More than **110 projects** among which 85% are approved and 10% are under review.
- Total granted Loan amount of **57 Million USD**.
- **45% of approved projects are water related** costing 11.2 Million USD.
- Total water savings achieved is **39,400 m³/year**:
 - Efficient Irrigation: c. 30,000 m³/Year
 - WWTP Total Installed Capacity: c. 2,200 m³/day
 - Rainwater Harvesting system: c. 7,600 m³/Year
 - Water Efficient Fixtures: c. 1,800 m³/Year

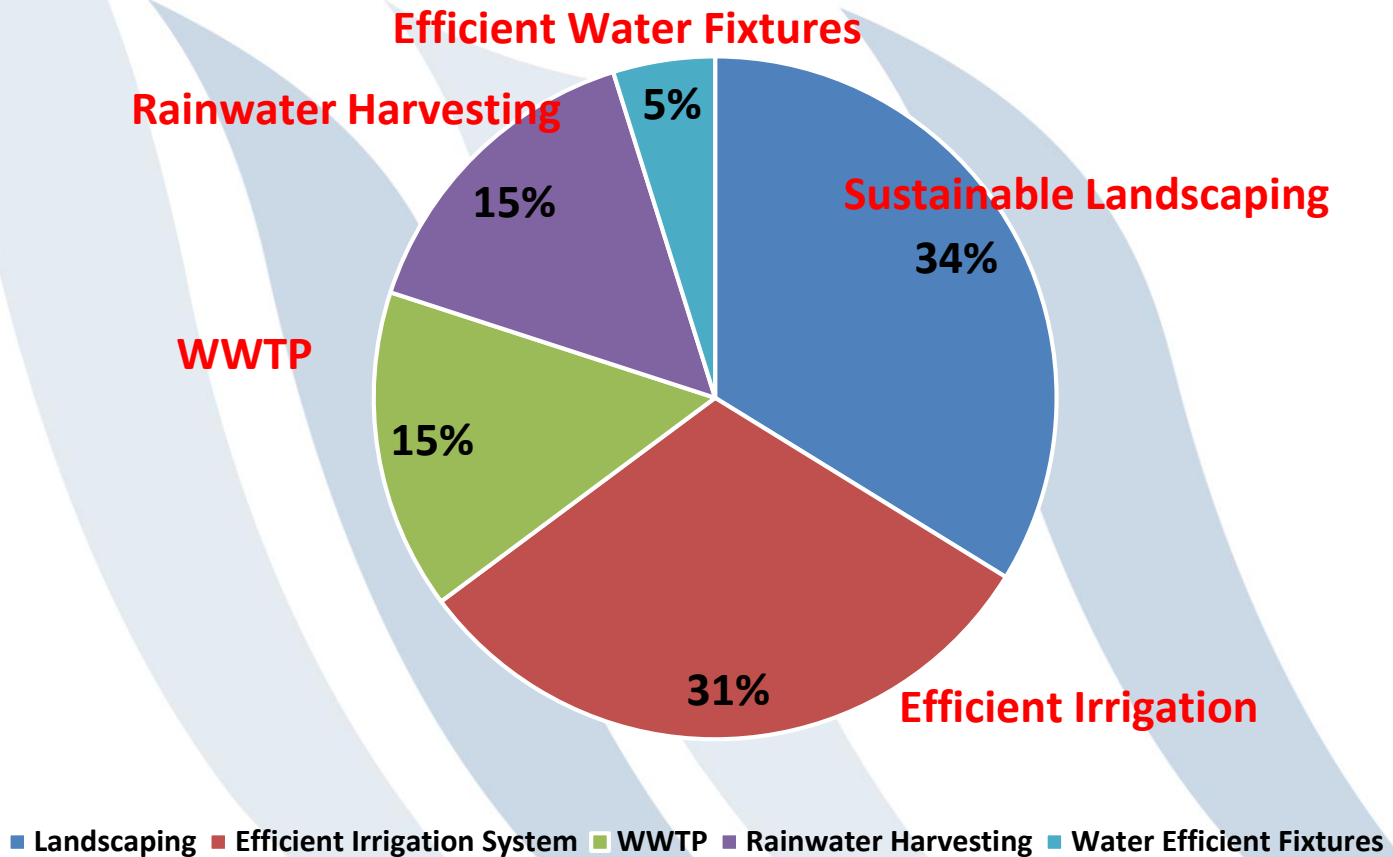
LEA Results all inclusive

Project Distribution per Measure



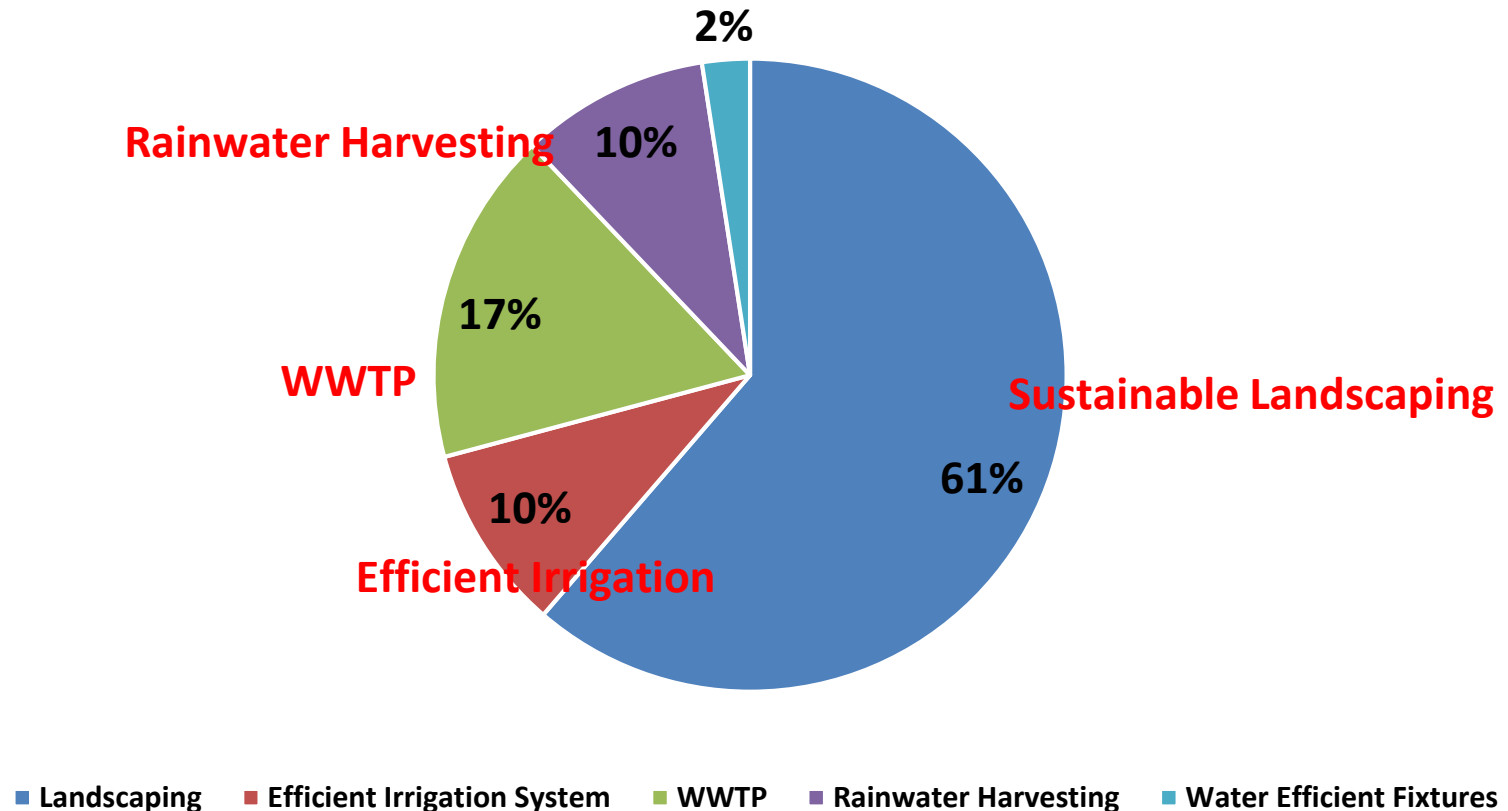
LEA Results for water related projects

Project Distribution Per Water Related Measure



LEA Results for water related projects

Granted Loan Amount Distribution





Thank You!