5.1 CASE STUDIES
PARK HA-SHARON LANDSCAPE RECOVERING IN TEL AVIV, ISRAEL

5.1.3- AGRICULTURAL RECOVERING PARK- Case Study N.2

**Model Description:**
Concept- Landfill Recovering plus Environmental Education  
Economical Base- Alliance between Municipality and Private Agriculture School  
Environmental Aspects- Waste Recycling, Landscape recovering, Education

**Location:** Tel Aviv, Dan Metropolitan Area, Israel  
**Size:** 800 ha  
**Year:** 2004 international competition

**Land property:**
Private Agriculture Shoel “Mikveh Israel” and Government agreement: between Mikveh Israel and Dan Metropolitan Area -taxes reduction and historical building reconstruction on an exchange of providing access to agriculture fields between Mikveh Israel and Municipality of Tel Aviv.

**Waste management:** Dan Region Association of Towns Sanitation and Solid Waste Disposal board

**Maintenance:** A recycling facility operated by the Israeli company ArrowEcology

**Profits:** the plant generates all the electricity required by the Hiriya site and sells the excess to the Israel Electric Corporation

**Environmental benefits:**
Educational sites, waste recycling activities, wetlands water cleaning areas

**Social accomplishments:**
Provides open space and recreation for all Dan Metropolitan Area. Additional work places, internship and volunteer opportunities

**Brief History:** Mount Hiriya Rehabilitation

The Hiriya site received waste and worked as a landfill from 1952 to 1999. Over time, the size of the mountain reached 450,000m², a height of 60m, and a volume of 16 million cubic meters of waste. By 1998, Hiriya was receiving 3,000 tons of household waste per day, and in 1999, as part of a process being undertaken by the Ministry of Environmental Protection, the decision was made to stop dumping waste on the mountain and turn Hiriya into a transfer station.

In 2001, the Dan Municipal Sanitation Association began the process of rehabilitating the mountain, with the intention of turning it into a green and flourishing park that would lead environmental change worldwide. In an international architectural competition to choose landscape architects for the rehabilitation of the mountain, Prof. Peter Latz was selected from 14 applicants from Israel and abroad – an architect with huge experience of projects of this scale around the world.

The rehabilitation of Mount Hiriya is only the first step of the construction of Ariel Sharon Park, the largest “green lung” of the Dan Metropolitan Area, which you will be able admire from various observation posts on the mountain.
WATER TEMPLE- AGRICULTURE PARK IN SUNOL, CALIFORNIA, US

5.1.4- AGRICULTURAL HERITAGE PARK- Case Study N.3

Model Description:
Concept- Historical Preservation, Traditional Landscape, Recreation Place
Economical Base- Rent, Commerce
Environmental Aspects- Education, Green Planting Activities

location: the East Coast of San Francisco Bay, California, US
size: ~7.5 ha
year: 2006
land property: San Francisco Public Utilities Commission
management: The land is leased by the non-profit group, Sustainable Agriculture Education (SAGE), for nine years
maintenance: Six farmer tenants work rented plots in the park and sell their produce at farmers’ markets, produce stands, to restaurants and through CSA (Community Supported Agriculture). Tenants share infrastructure, get training in organic agriculture practices and pay rent and water costs.
environmental benefits: Protects habitat for pollinators and other native species. Preserves water quality
social accomplishments: Field trip destination for 2,000 students annually. Provides open space, recreation, job training, internship and volunteer opportunities for nearby communities

Brief History
The Sunol Water Temple AgPark, created in 2006 through an historic partnership between San Francisco Public Utilities Commission (SFPUC) and SAGE, fosters sustainable farming and public education programs while protecting natural resources in the Alameda Creek watershed. The AgPark is located in the beautiful Sunol Valley at the confluence of two wild creeks, on 18 acres of prime farmland that SAGE leases from SFPUC. The AgPark is adjacent to the 100-year-old Sunol Water Temple.

Today, the AgPark is a thriving urban-edge farm, home to four small-scale organic farming enterprises that produce delicious, fresh food for diverse Bay Area communities. SAGE provides technical and marketing assistance for farmers and has established an irrigation system, fencing, and farm roads on AgPark land.

Through the continuing support of the SFPUC, the AgPark also provides hands-on environmental education for schoolchildren, service learning and job training for youth, and volunteer and natural resource stewardship opportunities for community members. SAGE is collaborating with SFPUC on the development of the Alameda Creek Watershed Center – a permanent environmental education center being built at the AgPark and the Water...
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All the illustrations, diagrams, schemes and maps were designed and developed by the author, if not mentioned the other sources.