

REUSE OF DECONTAMINATED AREAS

OBJECTIVE

To redevelop degraded areas.

DESCRIPTION

Environmental recovery and landscape reintegration of territories altered by the activity of a landfill. Specifically, it is about restoring the ecological equilibrium of a place through the recovering of the microbiological activity and the compensation of the aesthetic damage of the territory concerned with an appropriate plant cover, required for the nutritional and structural rebalancing of soil.

EXPECTED RESULTS

Redevelopment of degraded areas such as landfills, swampy areas, abandoned industrial areas.

RESULT INDICATORS

Decontaminated areas [ha]

INVOLVED ACTORS

Municipality, Public Administration, environmental technicians, citizens, builder.

EXPECTED TIMELINE FOR ACTION

- Medium term (5-10 years)

BEST PRACTICES

- Maiolati Spontini – Marche Region Italy
- Vicenza – Veneto Region – Italy
- Tiel – Netherlands
- Apulia Region – Italy
- Apulia Region – Italy
- San Benedetto del Tronto – Marche Sub-region – Italy
- Brindisi – Apulia Region – Italy

CRITICALITIES

Costs, settlement analysis, leachate and biogas management, maintenance of environmental safety requirements.

SCOPE OF THE ACTION

- Adaptation

- Mitigation

TYPE OF PROPOSED ACTIONS

- Green

SECTOR OF ACTION

- Agriculture / Forests / Land use
- Biodiversity / Conservation of ecosystems
- Public health

CLIMATE IMPACTS

- Change or loss of biodiversity
- Extreme precipitation
- Extreme temperatures
- Floods
- Salinization and acidification of water

IMPLEMENTATION SCALE

- Municipality

SOURCE

http://www.future-cities.eu/fileadmin/user_upload/pdf/FC_AdaptationCompass_Supplement_web.pdf