



Sogliano  
Ambiente

Plant design  
and construction

We turn waste into  
resources while protecting  
the environment.

# Sogliano Ambiente

Specialized environmental engineering



Since 1996 Sogliano Ambiente has been setting the benchmark for turning the problem of waste into an opportunity **for growth and economic development**.

With more than **10 years of experience** and a high degree of specialization, our seriousness, precision and professionalism are demonstrated by domestic customer and international certifications. All this enables us to meet any demand for **eco-compatible waste management**.

In particular, we have developed great competence in **environmental engineering** geared to the **design of landfills, waste treatment and disposal plants and facilities for the recovery of energy and materials from waste**.

Besides the necessary knowledge and theoretical skills, we have **direct experience** that enables us to determine the best technologies and reduce the environmental impact of waste disposal and recovery to the barest minimum.

**We can offer quality products for the following engineering sectors:**

- urban and special waste treatment and disposal plants;
- plants for selection and recovery of materials from waste;
- landfills for non-hazardous waste, hazardous waste and inerts and related services, including biogas collection and combustion plants;
- plants for the recovery of biogas and cogeneration plants;
- temporary waste storage plants.

## Value added services

The knowledge we have accrued in the management of waste treatment and disposal plants ensures that most of the technical aspects are **dealt with and resolved** from the very outset, during the design phase. This ensures that subsequent management will be able to **optimize the processes**, in full safety and in an environmentally-friendly manner.

Our services cover all aspects of design, providing **technical support** for the entire project creation process: from conception and planning to obtaining permits, all the way to construction and management of the plant.

**In particular, we offer the following services:**

- technical support for planning waste treatment and disposal plants;
- environmental impact study of the designed works;
- preliminary design, final design and working drawings;
- management of the authorization process until the requested permits are received;
- management of relations with the control bodies and authorities issuing permits;
- works management;
- works management and monitoring plans;
- design of environmental monitoring systems;
- assistance and consultancy for plant management;
- design for introduction of the works in the environment and environmental restoration of the site.

## Certified quality



We have all the prerequisites and knowledge needed to design, build and manage waste disposal/treatment plants and facilities that make the most of the power in biogases, always applying the highest standards of professionalism and in full **compliance** with current **laws** (It. Leg.Dec. 36/03, It.Leg.Dec.152/2006 and subsequent amendments).

In our more than 10 years of activity, we have gained the expertise needed, both during plant design and construction, to deal with all of the numerous facets and problems that link construction with management. Our **national and international certifications** (UNI ISO 9001 and UNI ISO 14001) bear witness to this.

# References

## 2001

Project for completion of the Tesselto 2 landfill to increase overall capacity to 1,200,000 m<sup>3</sup> – commissioned by HERA S.p.A.

## 2002

Project and environmental impact assessment for the construction of a 1,500,000 m<sup>3</sup> controlled landfill for urban and special non-hazardous waste – Ginestreto site, Sogliano al Rubicone (FC).

## 2002

Project for environmental clean-up of the former city landfill located in San Martino di Borghi – commissioned by Municipality of Borghi.

## 2002

Project to recover the space made available by the physiological drop in the volume of the waste – 1<sup>st</sup> cat. controlled urban waste landfill – Ginestreto site, Sogliano al Rubicone (FC) – site name: G1.

## 2003

Project for installation of a biogas uptake and combustion plant – Tesselto landfill, Cesena (FC) – commissioned by HERA S.p.A.

## 2003-2004

Works for completion of the Tesselto 2 landfill to bring it up to an overall capacity of 1,200,000 m<sup>3</sup> – commissioned by HERA S.p.A.

## 2004

Environmental and Landscape restoration works for the “Busca” Area along the “Busca” River, Tesselto site, San Carlo di Cesena (FC).

## 2004

Works to install a biogas combustion plant at the “Busca” landfill, Tesselto site, San Carlo di Cesena (FC).

## 2004-2005

Works to settle a slope subject to land slip under the access road to the Busca landfill, Tesselto site, San Carlo di Cesena (FC).

## 2005

Works to shift upstream two sections of the access road to the Busca landfill, Tesselto site, San Carlo di Cesena (FC).

## 2005

Naturalistic works at the “Busca” landfill compensation area, Tesselto site, San Carlo di Cesena (FC).

## 2004-2006

Design, environmental impact assessment and construction of a plant to sort and make the most of materials coming from separated waste collection – Town of Sogliano al Rubicone, “Area Marconi” site.

## 2004-2006

Design and environmental screening to expand a non-hazardous waste landfill to a capacity of 460,000 m<sup>3</sup> – Municipality of Civitella di Romagna (FC) – commissioned by HERA S.p.A.

## 2005-2006

Construction of a 1,500,000 m<sup>3</sup> controlled landfill for urban and special non-hazardous waste – Ginestreto site, Sogliano al Rubicone (FC).

## 2006

Works for installation of a biogas flare at the S. Martino landfill in Varolo (FC).

## 2006-2007

Design and works to increase the capacity of an electricity generation plant powered with biogas from the G2 non-hazardous waste landfill, and arrangement for recovery of heat from the plant fumes – Ginestreto site, Sogliano al Rubicone (FC).

## 2007

Works to complete the non-hazardous waste landfill in Civitella di Romagna (FC) – S.Martino in Varolo – Fosso Pondo valley.

## 2007

Design and environmental screening for construction of a plant to collect the biogas produced at the landfill and generate 526 kW of electricity – Cà Lucio, Urbino (PU).

## 2007-2008

Design and environmental impact assessment for expansion of the “Ginestreto 2” non-hazardous waste landfill to increase capacity to 2,500,000 m<sup>3</sup> – Ginestreto site, Sogliano al Rubicone (FC).

## 2008

Works for construction of a 526 kW capacity plant to collect the biogas produced at the landfill to generate electricity – Cà Lucio, Urbino (PU).

## 2008-in progress

Design and environmental impact assessment for the construction of a plant for anaerobic and dry aerobic stabilization of the wet fraction of urban and special waste coming from separated collection or mechanical separation and designed to recover energy and materials – Town of Sogliano al Rubicone (FC) – process engineering developed by Atzwanger-Ecomaster-Bioferm.

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