

THE PROVINCE OF BOLOGNA Environmental Statement

Case study 2

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APAT

Agency for Environmental Protection and Technical Services

Summary

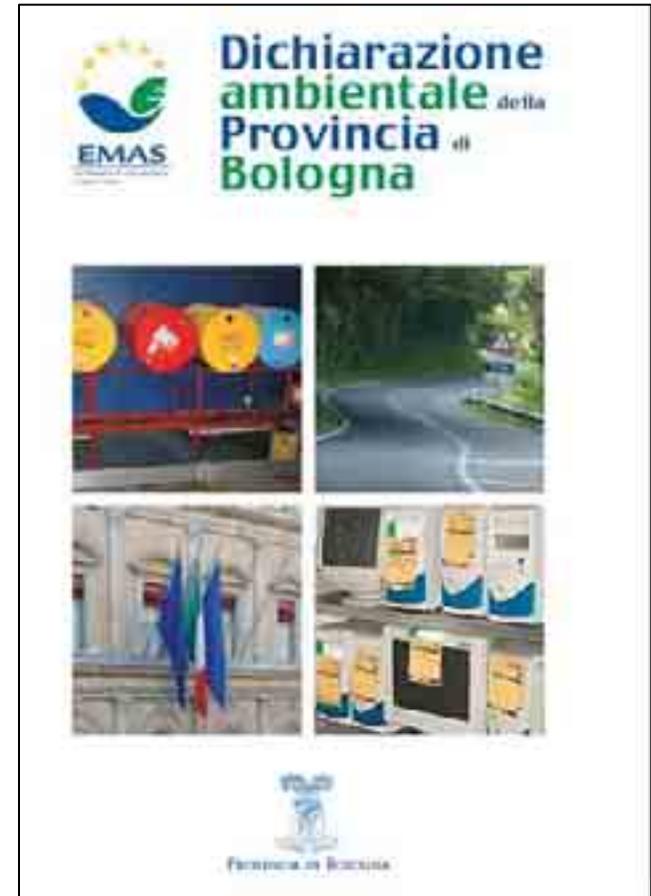
- The requirements of an Environmental Statement
- Target Group
- Conclusions

The requirements of an Environmental Statement

The requirements of an Environmental Statement are described in Annex III section 3.2 the EMAS regulation (761/01).

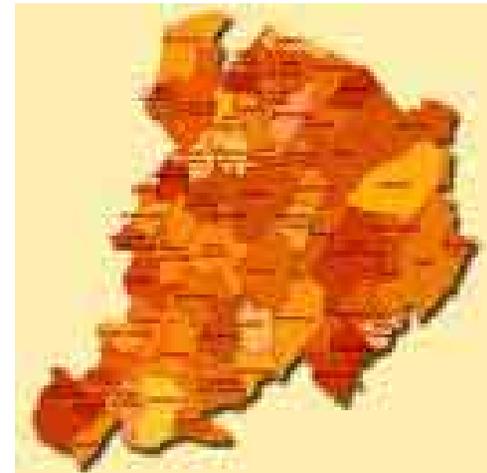
Upon its first registration an organisation shall produce environmental information. This information, validated by an environmental verifier, shall be submitted to the competent body and then made publicly available.

The Environmental Statement is a tool for communication and dialogue with the public and other interested parties regarding Environmental performance.



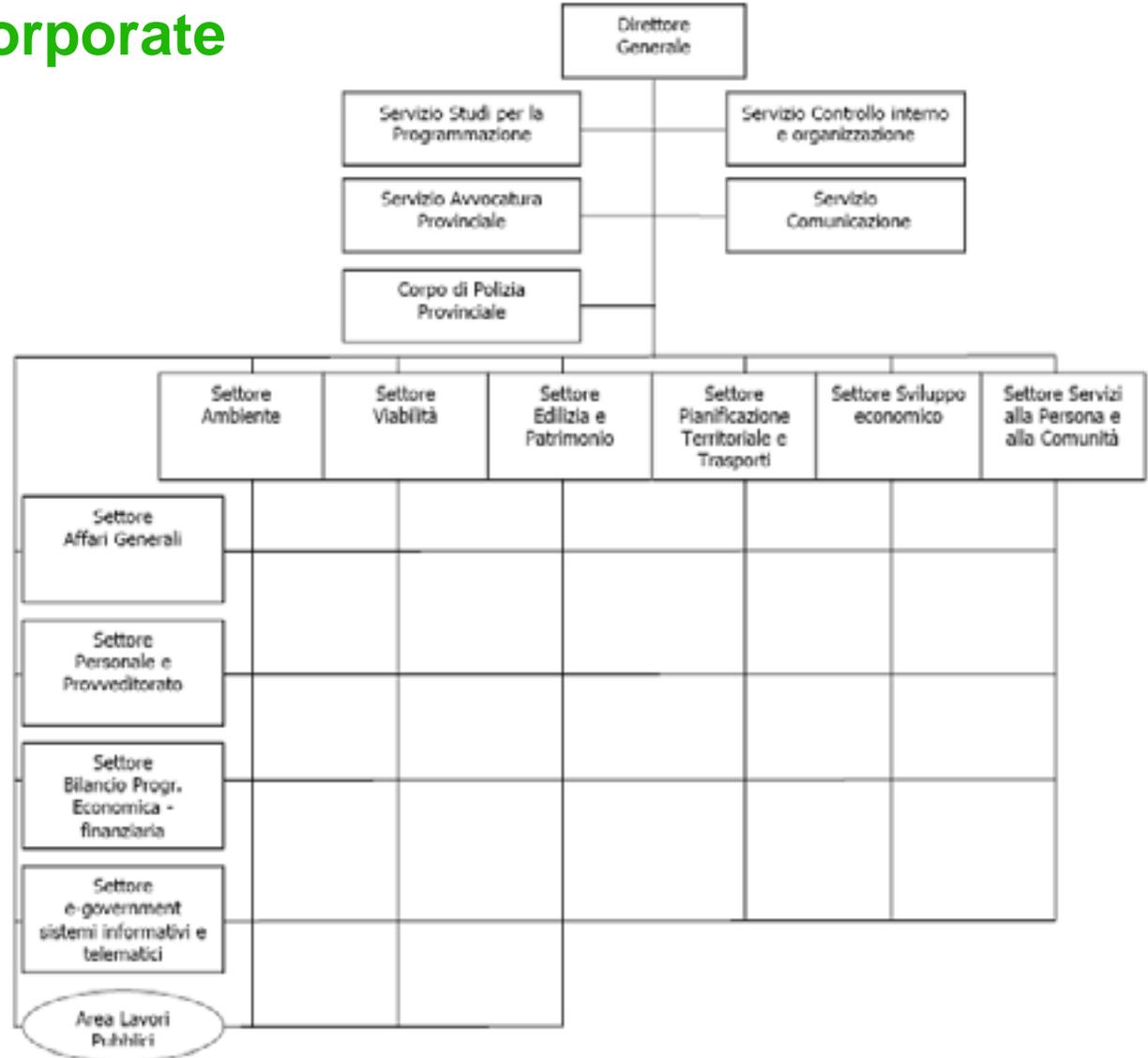
The minimum requirements for this information shall be as follows:

- a) A clear description of the organisation registering under EMAS and a summary of its activities products and services and its relationship to any parent organisation as appropriate;

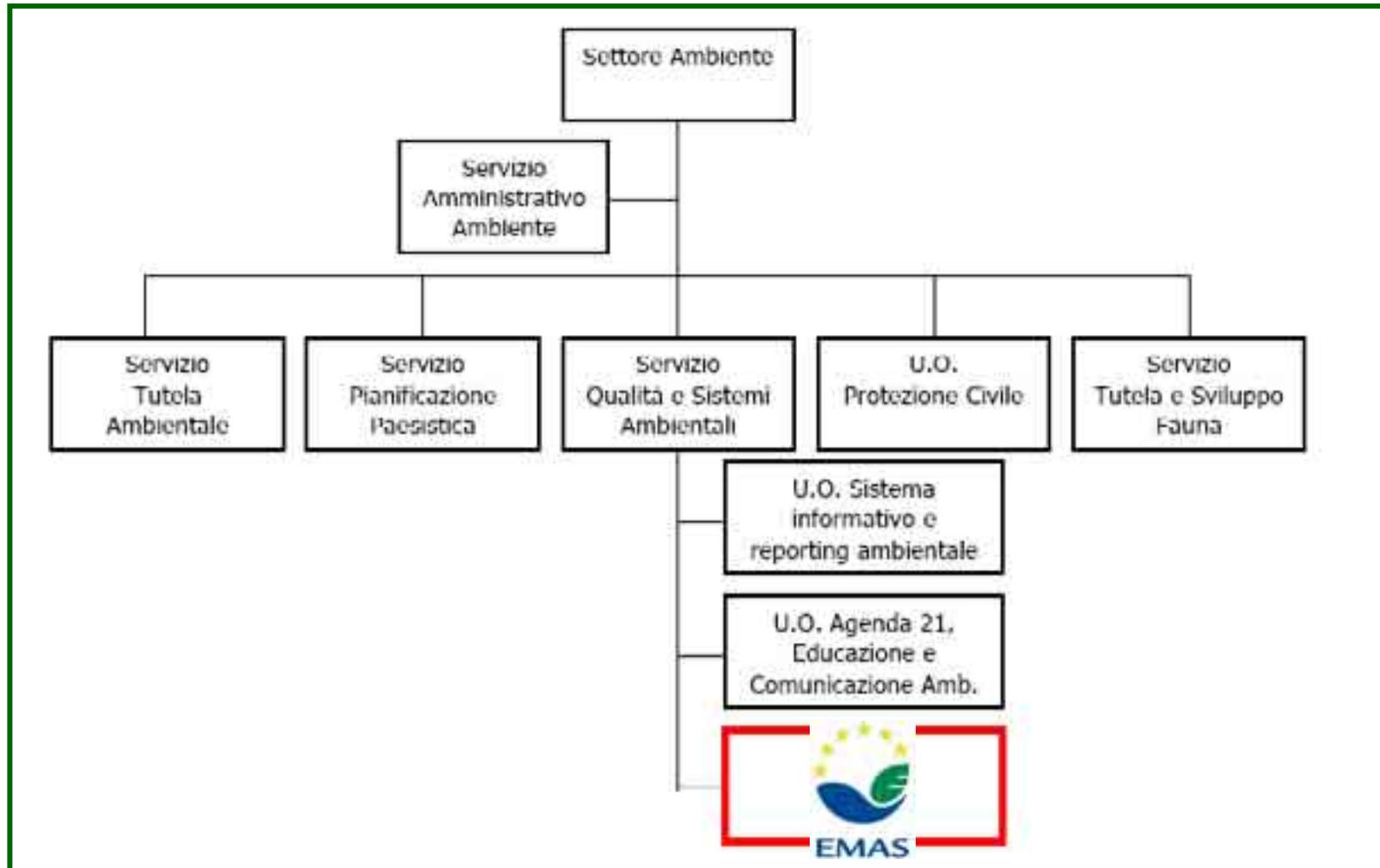


NACE: 75.11 GENERAL (OVERALL) PUBLIC SERVICE ACTIVITIES

Bologna's Corporate



Bologna's Environmental Department



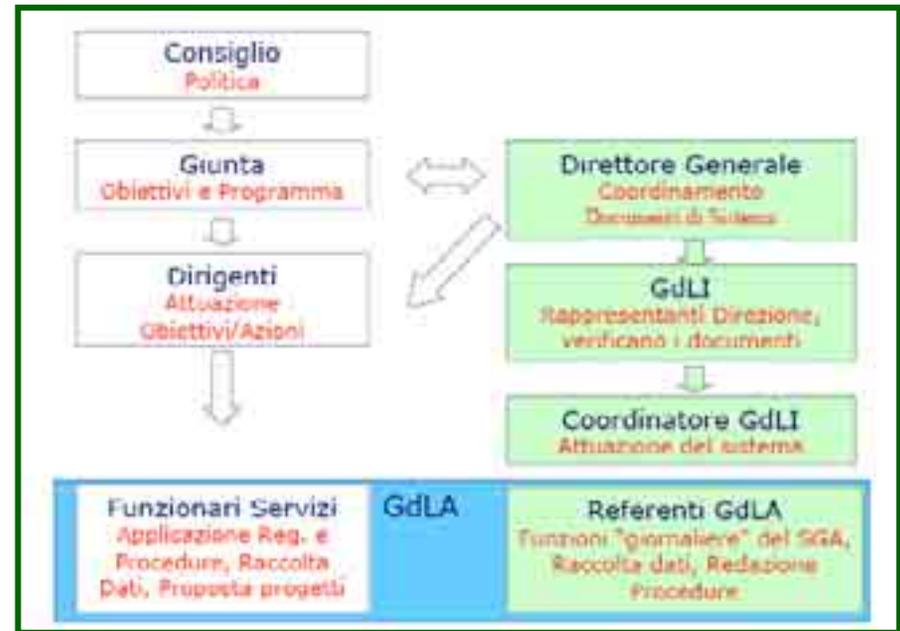
Bologna's Environmental Department Services

- Environmental legislation and permits
- Environmental Protection Act
- Use of resource Planning
- Public transportation
- Protected area management
- Fishing & Hunting management
- Water waste management
- Public Health emergencies
- technical-administrative support to local authorities
- Environmental monitoring and data collection

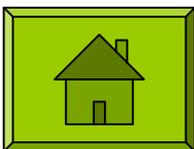
b) The environmental policy and a brief description of the environmental management system



The environmental management system



Role and Responsibility

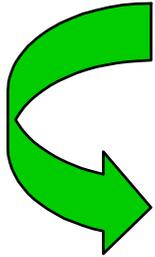


- c) A description of all relevant direct and indirect environmental aspects which result in significant environmental impacts of the organisation and an explanation of the nature of the impacts as related to these aspects





Direct Aspects



1. Energy, water, paper consumption
2. Waste Management
3. Green Purchasing
4. Traffic management
5. Visual and noise



Indirect Aspects



1. Planning and resource decision
2. Effects of policies
3. Suppliers and contractor
4. Grants and loans
5. Investments

Direct Aspects

Water Management

Environmental aspects	Trend monitoring	Problems
domestic waste water		
waste water management system		Sporadic breaches of permits limits in water treatment plants
water consumption		

Direct Aspects

Energy Consumption

Environmental aspects	Trend monitoring	Problems
energy consumption		
Fuel consumption in urban traffic		

Direct Aspects

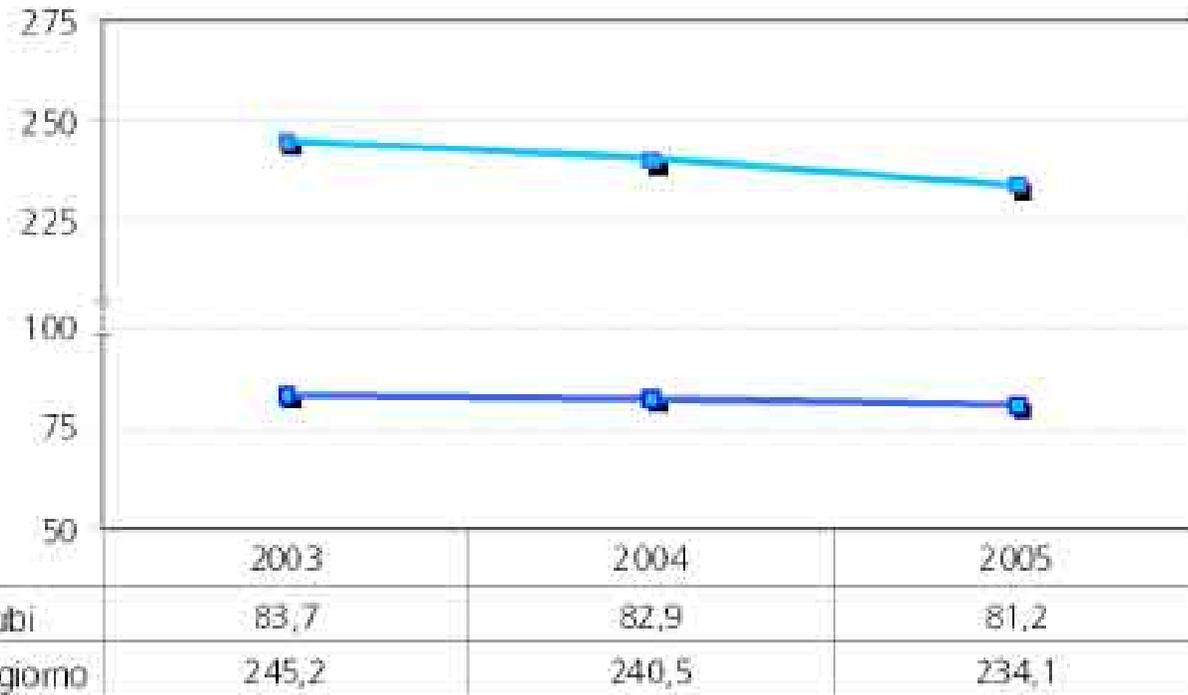
Waste Management

Environmental aspects	Trend monitoring	Problems
central print office / paper waste		
office waste		Need to increase monitoring of areas
construction site waste		
waste as result of maintenance		Dangerous waste production

Indirect Aspects

In general, from 2005 till today environmental data has been showing a low improvement

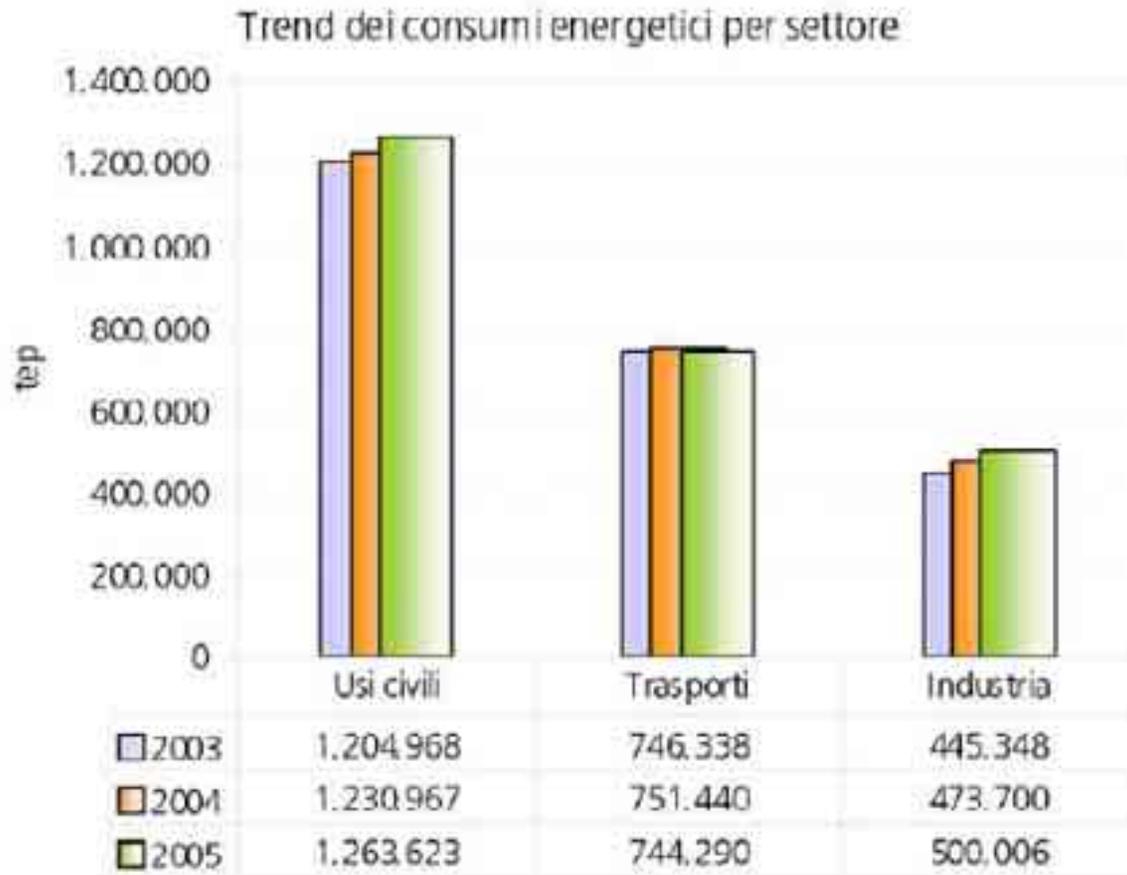
Environmental aspects	Trend monitoring
air pollution	
Traffic	
water consumption	
water source pollution	
waste management	
energy consumption	



Water consumption slowly decreasing (6,4 litres per inhabitant per day reduction): data 2003 - 2005

Indirect Aspects

Environmental aspects	Trend monitoring
air pollution	
Traffic	
water consumption	
water source pollution	
waste management	
energy consumption	



Energy consumption trend for domestic use, transport use and industry has been growing from 2003 to 2005

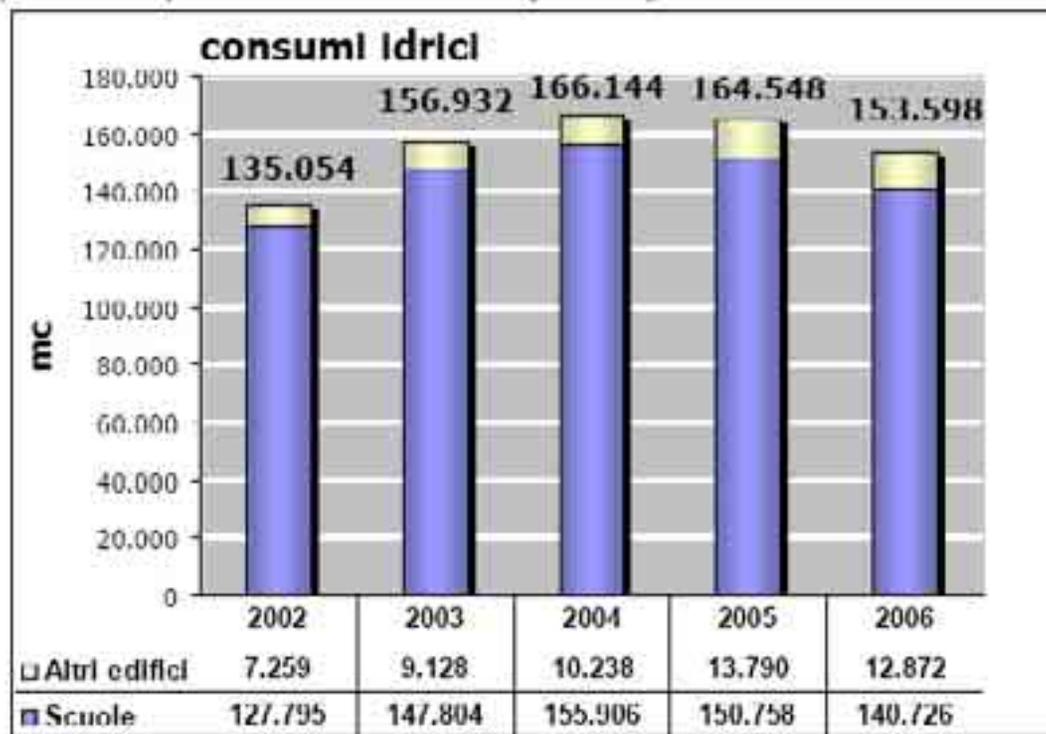
d) A description of the environmental objectives and targets in relation to the significant environmental aspects and impacts

Objective	Target	Actions	Money
Water consumption reduction	Civil water consumption reduction: <ul style="list-style-type: none"> • 235litres per inhabitant per day within 2008 • 220litres per inhabitant per day within 2016 	<ul style="list-style-type: none"> • Adoption of the “Water Preservation Plan” • Monitoring consumption in the civil, industrial and agricultural sectors 	€ 30.000
	Pipe leaks reduction: From 26% to 21% within 2008 From 21% to 18% within 2008	<ul style="list-style-type: none"> • Promote the “Reno vivo” Project for management of water and soil; • Incentives for water preservation in the agricultural sector 	€ 1.200.000

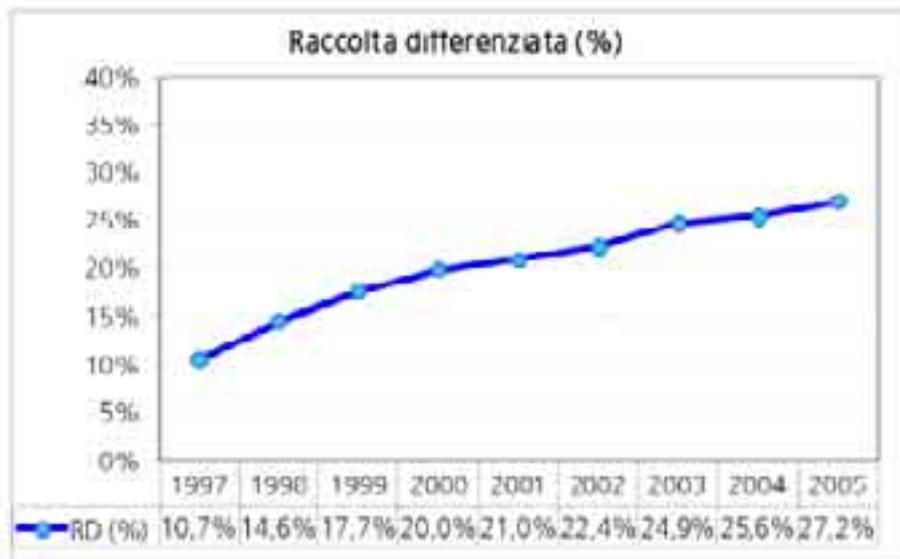
Objective	Target	Actions	Money
Fossil fuel use reduction	3% fossil fuel reduction	<ul style="list-style-type: none"> • Monitoring the renewable energy sources in the Province's (Bologna territory) • support R&D activities with University of Bologna and research institutes for renewable energy • adoption of Micro Kyoto protocol for Local Authorities • Incentives for renewable energy sources in agricultural sector 	€ 1.000.000

Objective	Target	Actions	Money
Land Management	Eco – industrial park promotion	Support n. 3 eco – industrial park projects	€ 61.000
	Promote and take provisions for sustainable land management in local authorities (municipalities)	disseminate the results obtained from the sustainable land management plans	€ 200.000

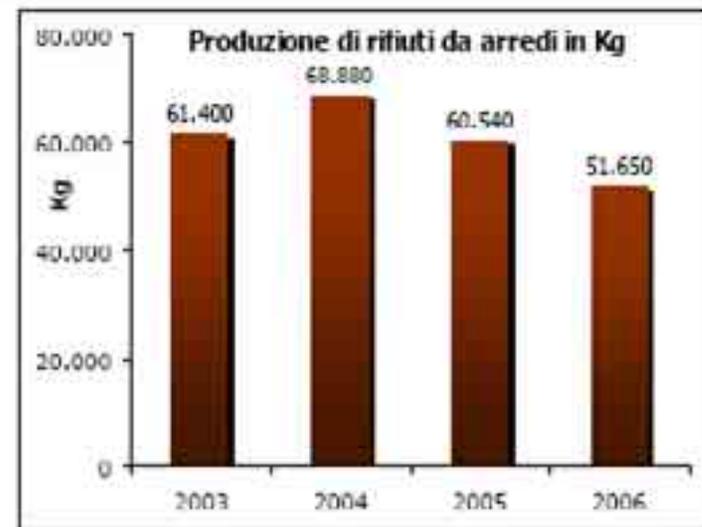
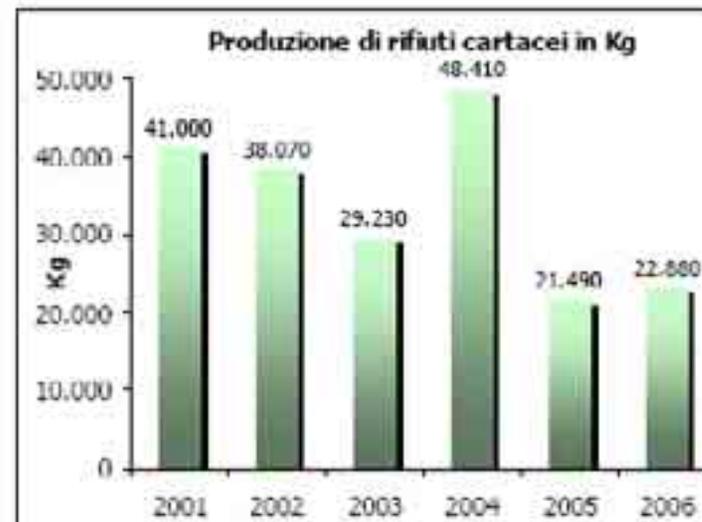
- e) A summary of the data available on the performance of the organisation against its environmental objectives and targets with respect to its significant environmental impact.



Water consumption



Waste Management Territory

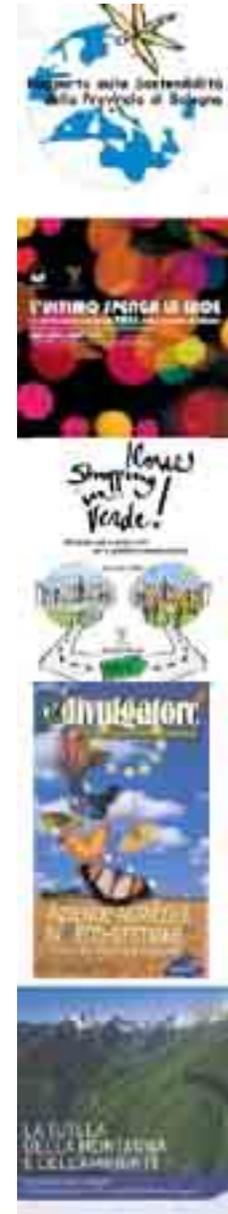


Waste Management Office

Target Groups

The main target groups for the Environmental Statement are local community groups and individuals, employees and government and regulators. In this case study the province of Bologna considers:

- Environmental group
- employees
- contractors
- school and university
- local politicians
- local press and media
- Other local authorities



Conclusions

EMAS:

- helps local authorities to reduce internal use of resources
- contributes to solve environmental problems in the territory
- is addressed to employees, suppliers, companies and citizens
- is a right attitude
- helps to save Money
- is an opportunity for a sustainable land management