

# The green economy and green employment: The basis and future of the economic, social and environmental development of Andalusia

Seville, 11 February 2011

## The shift towards sustainability

Europe 2020 Strategy

Intelligent economy.

Based on knowledge and innovation.

Sustainable, greener and more competitive.

Inclusive, with high employment, productivity and social cohesion.

Method: By integrating the environmental, social and economic dimensions.

Instrument: Eco-efficiency

## Commitments in Andalusia

- *The right of Andalusians to live and enjoy a balanced, sustainable and healthy environment.*
- *The needs of social progress satisfied in harmony with respect for the environment and the conservation of nature.*
- *Sustainability as a policy to be mainstreamed in all actions taken by the Andalusian Government.*

INSTRUMENTS TO SUPPORT THE DECISION-MAKING PROCESS  
IN THE FIELD OF SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL POLICY

Environmental information  
Monitoring of environmental activities  
and emerging sectors for a sustainable economy

## Andalusia. Organisations with environmental economic activities

### PRINCIPALES RESULTADOS

#### Ámbitos de actuación y actividades ambientales principales

→ El número de establecimientos con actividad económica ambiental en Andalucía asciende a **14.756**, a 1 de enero de 2009.

→ Cerca de la mitad de los establecimientos declaran como ámbito de actuación ambiental principal alguna de las actividades incluidas en la *Agricultura, ganadería y pesca sostenibles* (hasta 7.008 establecimientos, que supone el 47,5% del total). A este grupo principal le siguen, en orden de importancia, la *Gestión sostenible de la energía*, la *Gestión de residuos, reciclaje y descontaminación*, y el *Ecoturismo*, con alrededor del 12% del total de unidades registradas en el DEMA cada uno de ellos.

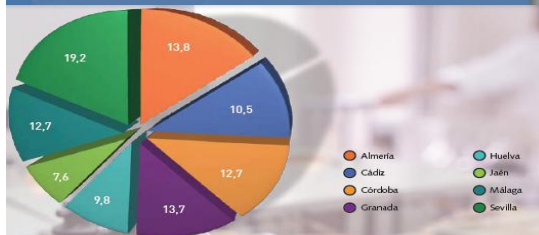
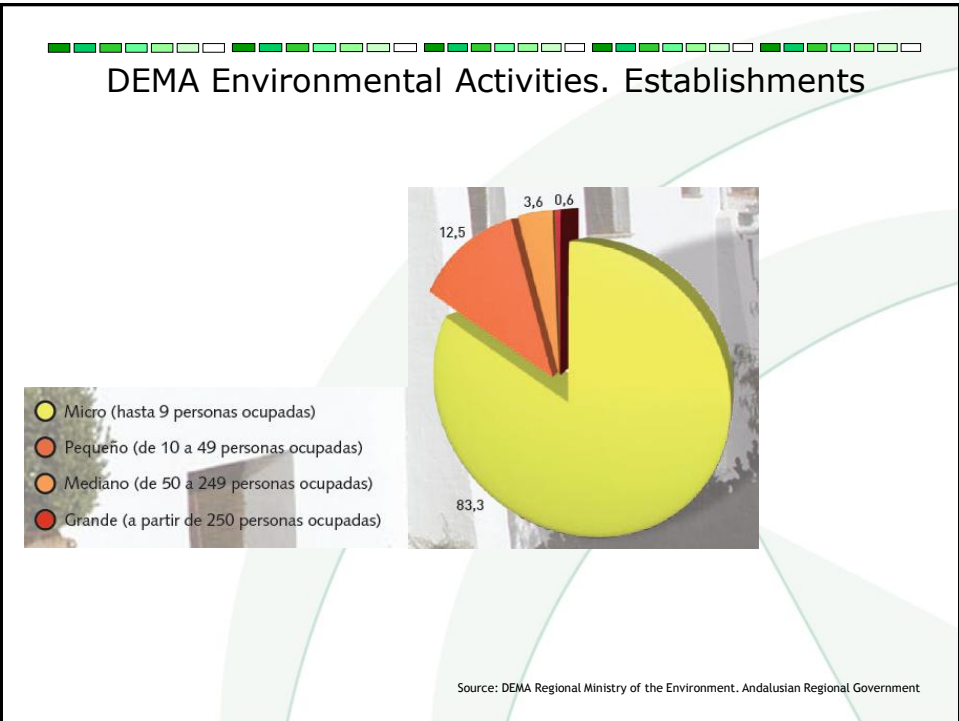
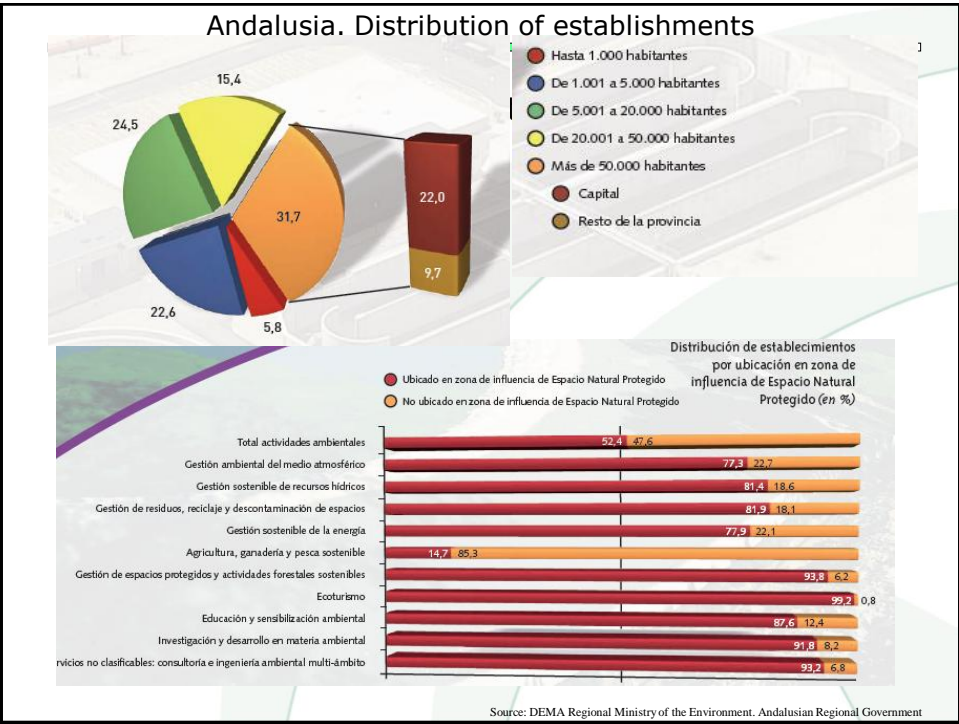


Gráfico 1.  
Distribución de establecimientos por ámbito de actuación ambiental (en %)

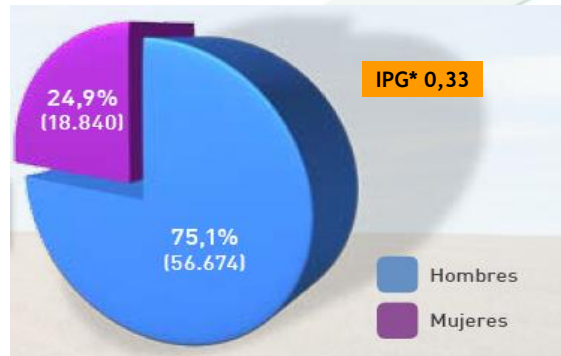


Source: DEMA Regional Ministry of the Environment.  
Andalusian Regional Government





## Environmental employment in Andalusia The gender perspective



Average rates registered for all environmental activities

(\*) **Gender Presence Index (IPG)** = women / men, measured in full-time equivalent employment.  
For 50% of men and women, the IPG value is 1.00

Source: Employment and the environment in Andalusia 2008. Regional Ministry of the Environment. Andalusian Regional Government

## Turnover and type of environmental action in Andalusia

Ámbito de actuación ambiental	Facturación ambiental, importe total y media, por ámbito de actuación		Importe Total		Media <sup>(*)</sup>
			millas de euros	%	millas de € / establecimiento
[01] Gestión ambiental del medio atmosférico			72.260,2	1,0	846,4
[02] Gestión sostenible de los recursos hídricos			1.235.115,2	16,9	2.998,6
[03] Gestión de residuos, reciclaje y descontaminación de espacios			2.714.989,4	37,1	3.114,5
[04] Gestión sostenible de la energía			1.337.130,6	18,3	2.528,4
[05] Agricultura, ganadería y pesca sostenibles			959.205,0	13,1	608,4
[06] Gestión de espacios protegidos y actividades forestales sostenibles			325.189,7	4,5	2.174,7
[07] Ecoturismo			336.883,6	4,6	408,5
[08] Educación y sensibilización ambiental			67.715,0	0,9	211,8
[09] Investigación y desarrollo en materia ambiental			24.931,0	0,3	559,3
[10] Otros servicios ambientales: Consultoría e ingeniería ambiental multi-ámbito			244.202,2	3,3	483,1
<b>Total Producción de Bienes y Servicios Ambientales</b>			<b>7.317.621,9</b>	<b>100,0</b>	<b>1.777,5</b>

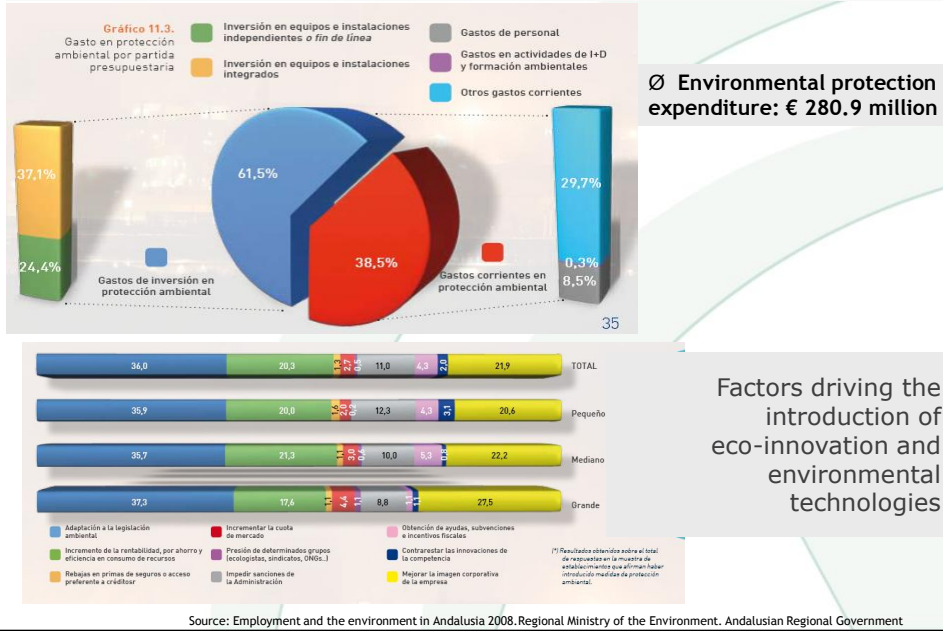
- Ø Waste management, recycling and decontamination of land: 37.1%
- Ø Sustainable management of energy: 18.3%
- Ø Management of water resources: 16.9%
- Ø Agriculture, livestock farming and sustainable fisheries: 13.1%

## Environmental expenditure by Public Administrations in Andalusia

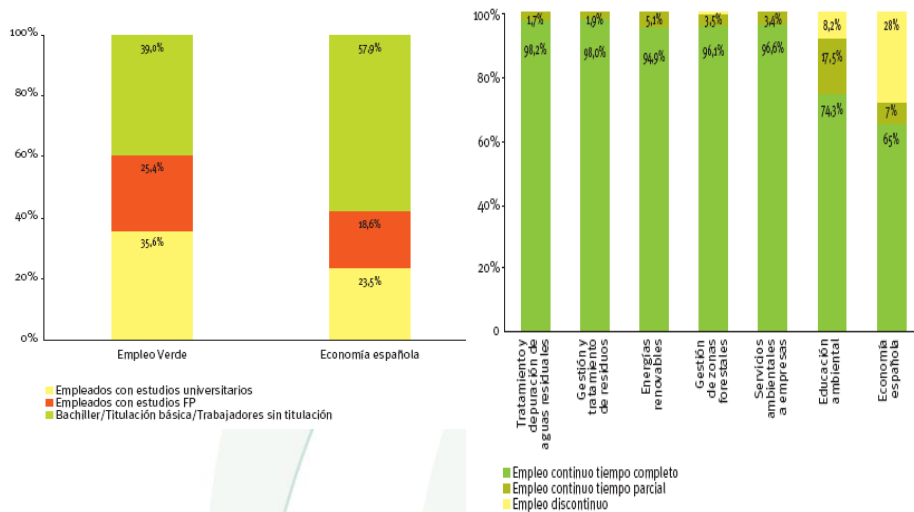
- Ø Management of water resources: 36 %
- Ø Waste management, recycling and decontamination of land: 21 %
- Ø Management of protected spaces and sustainable forestry activities: 12%

Source: Employment and the environment in Andalusia 2008. Regional Ministry of the Environment. Andalusian Regional Government

## Environmental protection expenditure in non-environmental industries

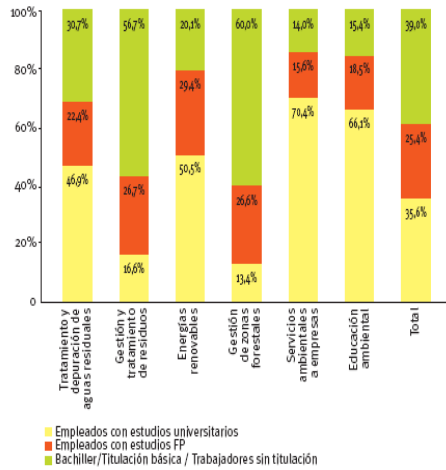


## Comparison of levels of training in green employment and the Spanish economy

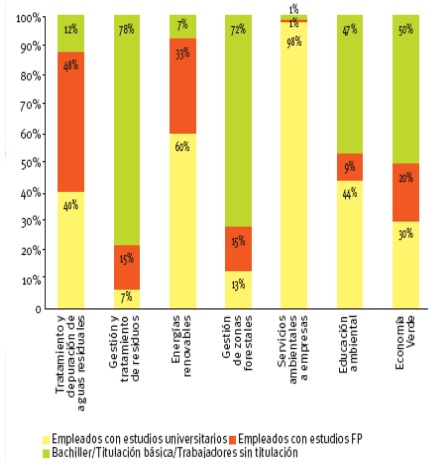


## Level of training in green employment. New contracts

### Comparison of green employment by sector

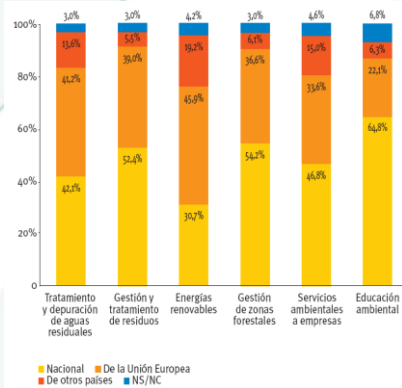
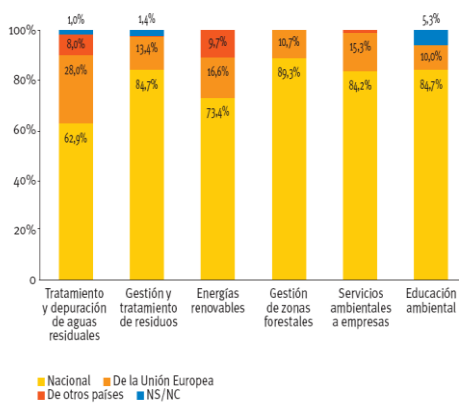


### Comparison of new contracts. Level of training in green employment sectors



Source: Report on green employment in a sustainable economy 2009. Biodiversity Foundation.

## Origin of outsourced services



## Origin of technologies applied to environment-related activities

Source: Report on green employment in a sustainable economy 2009. Biodiversity Foundation.



## Environmental planning strategies in Andalusia

**Cross-sectoral planning is the starting point for environmental planning in Andalusia, since it establishes the direction and guidelines for the rest of sectoral planning.**

**The basic planning instruments, which share this transversal focus, establish the direction and guidelines recommended for the development of environmental policy affecting different areas over a specific period of time.**

[Andalusian Environmental Plan](#)

[Andalusian Forestry Plan](#)

[Sustainable Development Plans for protected natural spaces](#)

[Andalusian Environmental Education Strategy](#)

[Andalusian Climate Change Strategy](#)

[Andalusian Sustainable Development Strategy. Agenda 21 Andalusia](#)

[Andalusian Integrated Coastal Zone Management Strategy](#)

[Environmental Assessment of Plans and Programmes](#)

Thank you for your attention!

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