Promoting Green Jobs in Spain

The experience of the Biodiversity Foundation

5th ESDN Workshop
Madrid, 25-26 March 2010

Sonia Castañeda Rial
Head of International Department
Fundación Biodiversidad
Aim of the presentation

I. What green jobs are

II. Green jobs´ potential

III. BF experience in promoting green jobs
“Green jobs are: work in agriculture, manufacturing, research and development, administrative and service activities that all contribute substantially to preserving or restoring environmental quality”
What green jobs are

- Renewable Energies
- Organic farming
- Protected areas

BF experience
What green jobs are

- Sustainable fishing
- Ecotourism
- Building greening and retrofiting
- Forest management

BF experience

Green jobs potential
"The global market volume for environmental products and services currently runs to about €1,000 billion (1 trillion) with a projected €2,200 billion by 2020"

(Source: Green Jobs: Toward decent work in a sustainable, low-carbon world. UNEP, ILO, IOE, ITUC. September 2008)
Around 1 European job in every 6 is somehow dependent on the environment
What green jobs are?

Green jobs’ potential

BF experience
What Biodiversity Foundation is

- The **Biodiversity Foundation (BF)** is a non-profit foundation established in 1998 by the Spanish Ministry of Environment, Rural and Marine Affairs.

- It carries out **activities** in the field of conservation, study, and sustainable use of biodiversity, as well as in international cooperation for development.

- Also, the BF is one of the institutions managing **European Social Funds**, and for us, environment and green jobs are the key issues in the projects we support.
Our role managing European Social Fund is:

To link *employment* policies and *environmental* policies with a double target:

- That environment and sustainability become the base for better jobs and more competitive business
- That workers and business become key players in the improvement of environment and sustainable development
Managing European Social Funds since 2002

During 2007-2013 we are managing

- The Operational Programme on Adaptability and Employment

Green Jobs Programme
“Employ Green Programme”

Goals:
- Support more than 5,000 SMEs
- Foster the creation of 1,000 new green SMEs and jobs
What Green Jobs are

Green jobs’ potential

BF experience

Aims of the programme

- Promote and improve employment and green jobs in particular
- Boost modernisation of enterprises and activity sectors
- Increase skills and qualifications of workers in environmental and sustainability matters
- Adapt economic activities to environmental regulation
- Stimulate the starting up of enterprises in the environmental sector
- Encourage sustainability of economic activities
Today we have more than 80 projects in progress
With an investment of €26 million

These projects provide:

- Training to more than **28,000 people**
- Help for **800 new SMEs** or economic activities
Who are our 80 partners?

- Foundation, NGO, association: 27
- Trade union sector: 13
- Academic sector: 5
- Public administration: 18
- Business and professional sector: 17
What Green Jobs are?

Green Jobs potential

Experience of BF

What are the projects about?

- Food and agriculture industry
- Marine and coastal affairs
- Aquaculture
- Waste management
- Agriculture
- Efficiency and saving
- Rural development
- Sustainable forest management
- Environmental management
- Natural areas
- Renewable energies
- Enterprising projects

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food and agriculture industry</td>
<td>2</td>
</tr>
<tr>
<td>Marine and coastal affairs</td>
<td>2</td>
</tr>
<tr>
<td>Aquaculture</td>
<td>2</td>
</tr>
<tr>
<td>Waste management</td>
<td>2</td>
</tr>
<tr>
<td>Agriculture</td>
<td>19</td>
</tr>
<tr>
<td>Efficiency and saving</td>
<td>4</td>
</tr>
<tr>
<td>Rural development</td>
<td>4</td>
</tr>
<tr>
<td>Sustainable forest management</td>
<td>11</td>
</tr>
<tr>
<td>Environmental management</td>
<td>15</td>
</tr>
<tr>
<td>Natural areas</td>
<td>7</td>
</tr>
<tr>
<td>Renewable energies</td>
<td>10</td>
</tr>
</tbody>
</table>
Examples of projects: in Organic Farming

Project: “Cultivabio” of the Healthy Life Association

Aims:

✓ to promote organic farming by increasing the area of farming and livestock.
✓ to promote organic product transformation companies.
✓ to improve the marketing of these products.

Target groups: Agricultural workers (farmers, shepherds), educators, environmental technicians, entrepreneurs, consumers and journalists.
Specific examples. In Organic Farming

Project: “Cultivabio” of the Healthy Life Association

Activities:  
* 49 courses  
* 4 seminars  
* Advise to SMEs on organic farming, organic foods and how to improve distribution and selling.

Results:  
2,000 people will be trained  
75 organic farming entreprises will be created or reconverted  
100 Has in organic farming surface area
Specific examples. In Renewable Energies

Project: “ICENER” by Scientific & Technological Park of Extremadura

Aims:

✓ to promote innovation in energy.
✓ to boost the creation of enterprises in the renewable energies sector.
✓ to improve professional qualification of workers from the construction and energy sectors.

The idea is to retrain workers of enterprises in special difficulties, so they can head for other stronger growing sectors such as renewable energies.
Specific examples. In Renewable Energies

Proyecto: "ICENER" by Cientific & Tecnologic Park of Extremadura

Target groups: workers in construction and energy industries

Budget: € 290,000
What Green Jobs are?

Green Jobs potential

Specific examples. In Renewable Energies

Proyecto: “ICENER” by Cientific & Tecnologic Park of Extremadura

Activities: * 10 Courses * 1 Study
* 4 seminars * 3 Guides
* Advice to SMEs

on renewable energies: Photovoltaic and Thermoelectric, Solar and Wind power

Results: 340 people will be trained
10 renewable energies entreprises will be created
10 projects on R&D&innovation in renewable energies and environment
Thank you very much for your attention

Sonia Castañeda Rial
Head of Internacional Department

www.fundacion-biodiversidad.es
scastaneda@fundacion-biodiversidad.es