

Regional governments can make the difference

the role of aragon and some examples of adaptation and mitigation to climate change

COP-15
7-18 December 2009

ARAGON: INTERNATIONAL REFERENCE IN TACKLING CLIMATE CHANGE

ARAGON SUPPORTS RENEWAL ENERGIES AND THE DECREASE OF EMISSIONS

PLANNING: ARAGONESE STRATEGY OF CLIMATE CHANGE AND CLEAN ENERGIES

IMPLEMENTATION: ACTION PLAN TO TACKLE CLIMATE CHANGE IN THE GOVERNMENT OF ARAGON

DOUBLE OBJECTIVE

- To contribute to green house gases effects **mitigation**.
- To enable the **adaptation** of the main economic sectors to climate change impacts.

Aragon is one of the leading Spanish regions that counts with tools to tackle climate change

TOOLS OF THE GOVERNMENT OF ARAGON IN TACKLING CLIMATE CHANGE

Aragonese Strategy of Climate Change and Clean Energies (EACCEL)

1.- A REFERENCE IN ARAGON

MORE THAN 200 LINES OF ACTION
to reduce emissions in diffuse sectors
involved in Aragon's climate change

52% of GHG in Aragon

Natural resources and biodiversity, energy,
transport, housing, industrial, water and
agriculture, waste, health, tourism, education

DOCUMENT ELABORATED WITH A WIDE
CONSENSUS *by means of a large
participation process*

2.- A DYNAMIC PROCESS

Invites all bodies, organisms and authorities to design their own **Action Plan** in tackling climate change

TOOLS OF THE GOVERNMENT OF ARAGON IN TACKLING CLIMATE CHANGE

Approved on 23.
September 2009

Aragonese Strategy for Climate Change and Clean Energies

Government of Aragon

Local Authorities

Firms and civil society

Action Plan

Approved on 1.
December 2009

Objective: To stop at least the emission
of **3 million ton CO2 equivalent** and 16
million ton of induced emissions

Adaptation measures

**151 specific
measures**

+
Supporting
measures

108 for the mitigation of emissions
17 for the adaptation to climate change impacts
26 of double nature (mitigation and adaptation)

To raise social society awareness
To promote social society training

6 PROGRAMMES

EXAMPLES IN ARAGON FOR ADAPTATION AND MITIGATION TO CLIMATE CHANGE

**EXAMPLES THAT ARE CURRENTLY ON GOING IN ARAGON
PERIOD 2008-2012**

Important contribution TO THE DECREASE EMISSIONS

1. SPECIAL WATER TREATMENT PLAN OF ARAGON:

- 425 water treatment plan
- Total investment: **1.420 million euros**
- Definitive boost to water quality

adaptation

PESD

Pyrenees
Plan

2. INTEGRATED WASTE MANAGEMENT PLAN OF ARAGON (GIRA):

- Total investment: **833 million euros**
- Direct decrease of emissions (tCO₂eq/year): 37.055
- POTENTIAL MITIGATION EMISSIONS (2008-2012): **158.275 (TnCO₂ eq)**

mitigation

3. PLAN DE APOYO A LA GESTIÓN DE PURINES DE ARAGÓN:

- 4 swine waste treatment plants
- Investment: 18,7 M euros
- Direct Reduction of emissions (TnCO₂eq/year): 62.856
- Potential Mitigation Emissions (2008-2012): **314.280 (TnCO₂ eq)**

mitigation

COMPLETION

**SOLUTIONS BEFORE THE CHALLENGE OF CLIMATE
CHANGE** (GREEN HOUSE GASES EMISSIONS)

To go in deep in a phenomenon that it is already occurring in Aragon

UNFITTING the curves of
economic growth and
emissions



**WE CAN KEEP ON GROWING FROM AN ECONOMIC POINT OF VIEW
WITHOUT THE NEED OF KEEP OUR EMISSIONS GROWING.**

**THE PARTICIPATION OF REGIONAL GOVERNMENTS
IS NECESSARY IN THE
DECISION-TAKING PROCESSES AND IN THE DEPLOYMENT
OF ENVIRONMENTAL POLICIES**