



# Intelligent solutions made in chemical regions

## Asturias strategy



6th November 2009 ECrn

# Location



# Asturias

**One of the 17 Autonomous Communities of the Spanish State**

**It has a surface area of 10,604 km<sup>2</sup>  
(2% of Spain)**

**Population: 1,080,138 inhabitants  
(2,4% of Spain)**

**Population density stands at 101.9 inhab/km<sup>2</sup>**

**80% of the population is concentrated in the central metropolitan area**

# Asturias



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# Asturias



# Asturias

# 2008

## Economic data

Gross Domestic Product (GDP)	<b>23,877 mill €</b>
Weight regarding Spain	<b>2.2%</b>
Regional GDP per capita	<b>22,559 €</b>
GDP growth rate	<b>1.24%</b>

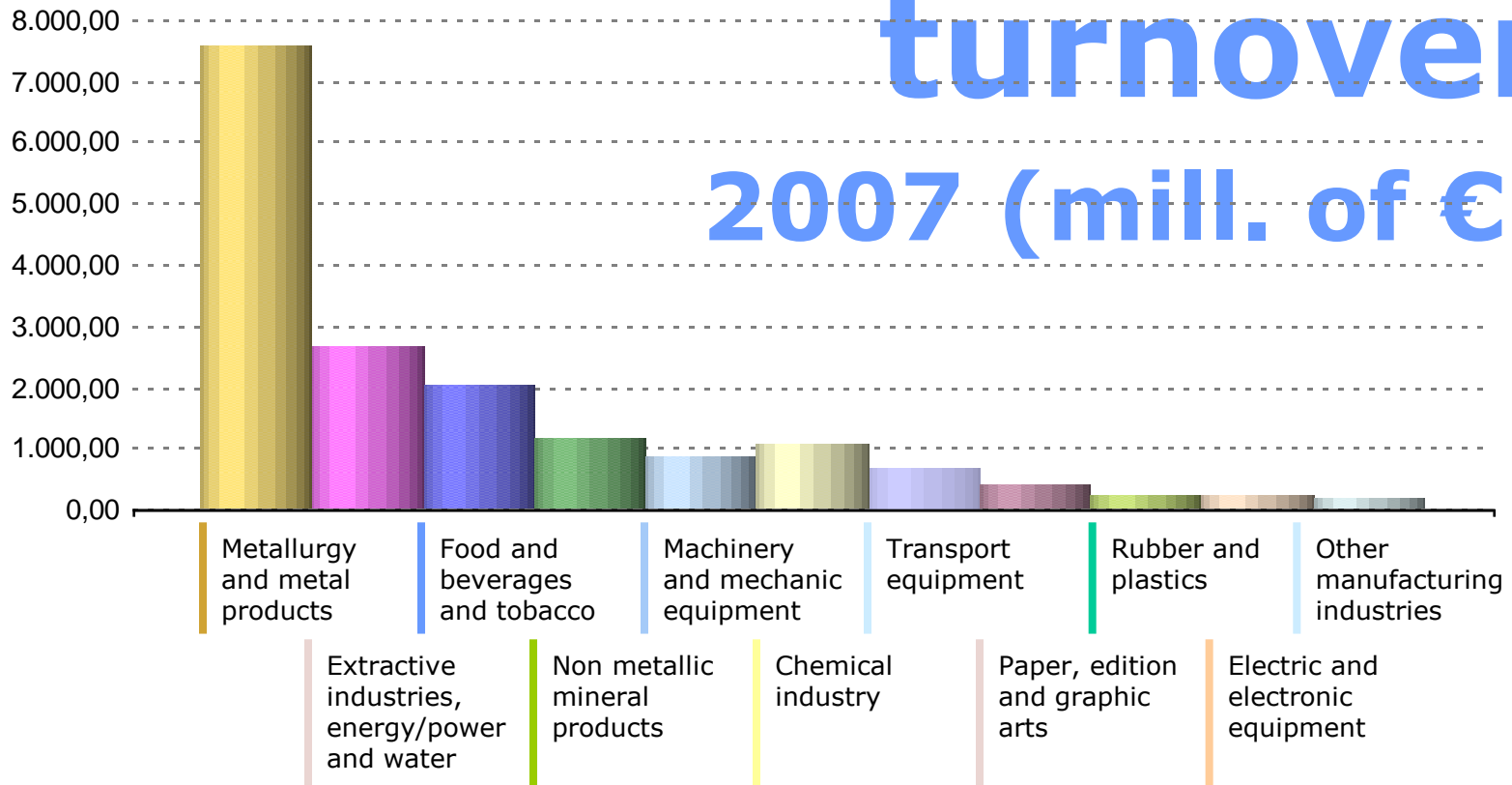
## GVA



Services	61.7%
Primary sector	1.8%
Energy	4.5%
Building	14%
Industry	18%



# Industrial sector turnover 2007 (mill. of €)



## Economic Data



The **Economic Development Agency of the Principality of Asturias (IDEPA)** is a public body dependent on the Asturian regional administration. Its mission is to favour economic growth and generate employment in the region by giving support and acting as a driving force for business activity.

Legal form	Creation year	Staff 2009	Budget
Public entity	1983: IFR 2003: IDEPA	75	61.10 mill €

# The Regional Development Agency

# IDEPA Structure

IDEPA Group



SOCIEDAD REGIONAL DE PROMOCIÓN  
del Principado de Asturias



ASTURGAR  
Sociedad de Garantía Recíproca de Asturias



SOCIEDAD DE PROMOCIÓN EXTERIOR PRINCIPADO DE ASTURIAS S.A.

SRP

ASTURGAR

CEEI

ASTUREX

The Regional Development Agency

Idepa started in 2007

1 million €

3 people full time

Activities focus on:

- Leadership
- Financial support
- Networking

# Cluster Policy

## Idepa took initiative for:

- Maritime
- Energy (FAEN)
- Automotive (Prodintec)
- Wood and furniture (CETEMAS)
- Agrofood
- Chemical (AIQPA)
- Knowledge (ClusterTic+CTIC)
- Manuf@cturias (Prodintec)

# Leadership

- Idesa Technical Consortia
- Carnicastur
- Tourism
- AEI Contract
- Media
- Refractory bricks

## Other Asturian Clusters

- European Cluster Alliance
- At-Clusters
  - Atlantic Area Project
  - 6 partners
  - Co-operation projects
- European Chemical Regions Network (ECRN)

# Networking

Main activities: carbochemistry, pharmaceutical products, fertilizers, and synthetic fibres

Reference point: diversification and generation of high value services

# Chemical Industry



- Number of companies in total: 106
- Number of employees: 3,868
- Export rate: 17.50%
- Share of Chemistry in relation to whole industry in the region
  - ✓ 2.43% of total companies
  - ✓ 6.18% of total employees
  - ✓ 7.18% of the turnover

(2007)

# Chemical industry

- IDEPA has submitted an application for the subsidies on the elaboration of the Strategic Plan for the Chemical Cluster.
- Technical secretariat of the chemical cluster:  
AIQPA

# Chemical cluster

- Founded in 1999
- Objectives:
  - ✓ promotion and development of the Chemical Sector,
  - ✓ cooperating in activities of common concern,
  - ✓ defining necessities,
  - ✓ looking into synergies,
  - ✓ foreseeing of future problems and situations
  - ✓ dissemination of activities

## ASOCIACIÓN DE INDUSTRIAS QUÍMICAS DEL PRINCIPADO DE ASTURIAS - AIQPA



Bayer



# ASOCIACIÓN DE INDUSTRIAS QUÍMICAS DEL PRINCIPADO DE ASTURIAS - AIQPA

# DuPont



**Success story**

## Case Studies

# DuPont

## 1989: Decision to set up in Asturias

324 ha industrial land  
1,000 employees  
Global investment of 600 million euros  
Three units: Nomex, Sontara, Agro

## 2003: Decision to set up SSC for the group

Finances, Human Resources and  
ICT (with Computer Sciences Corporation)

## 2006: Decision to set up two new projects

Nomex & Kevlar  
Investment of € 80 million & creation of 100 new jobs

# Case Studies



# University of Oviedo

Number of students enrolled: year 2008/2009

**26,428** (29% in technical courses)

# Vocational training

Number of students enrolled: year 2008/2009

**11,452**

# Human resources

- Multidisciplinary Approach
- More than 2000 researches
- Prominent in almost all branches on Knowledge

### **Coordinated and collaborative effort**

- Technology Centres network of the Principality of Asturias
- Own specific and combined centres of CSIC in Asturias

### **Excellent scientific and transfer indicators**

- Productivity rankings based on the number of publications : 10th and 11th position among the Spanish Universities
- Collaboration with more than 250 companies

# University of Oviedo: R+D





- To 250 destinations (Rotterdam, Gothenburg, Lisbon, New York, Hong Kong...)

- Movement of goods reached 19.3 million MT in 2008

- Port of Gijón expansion project

  - Regasification Plant
  - Combined Cycle Power Plant
  - Biodiesel Plants
  - Wind Power Farm

- Sea Highways project:

  - Nantes (France)

  - Saint Nazaire (France)

## Port of Gijón: Ongoing Projects



Thank you



GOBIERNO DEL  
PRINCIPADO DE ASTURIAS



**IDEPA**

Instituto de Desarrollo Económico  
del Principado de Asturias