

Asturias **STEEL INDUSTRY HUB**



Instituto de Desarrollo Económico del Principado de Asturias
Parque Tecnológico de Asturias, Llanera, Asturias. España
innovacion@idepa.es

<http://www.idepa.es/asturiasris3>

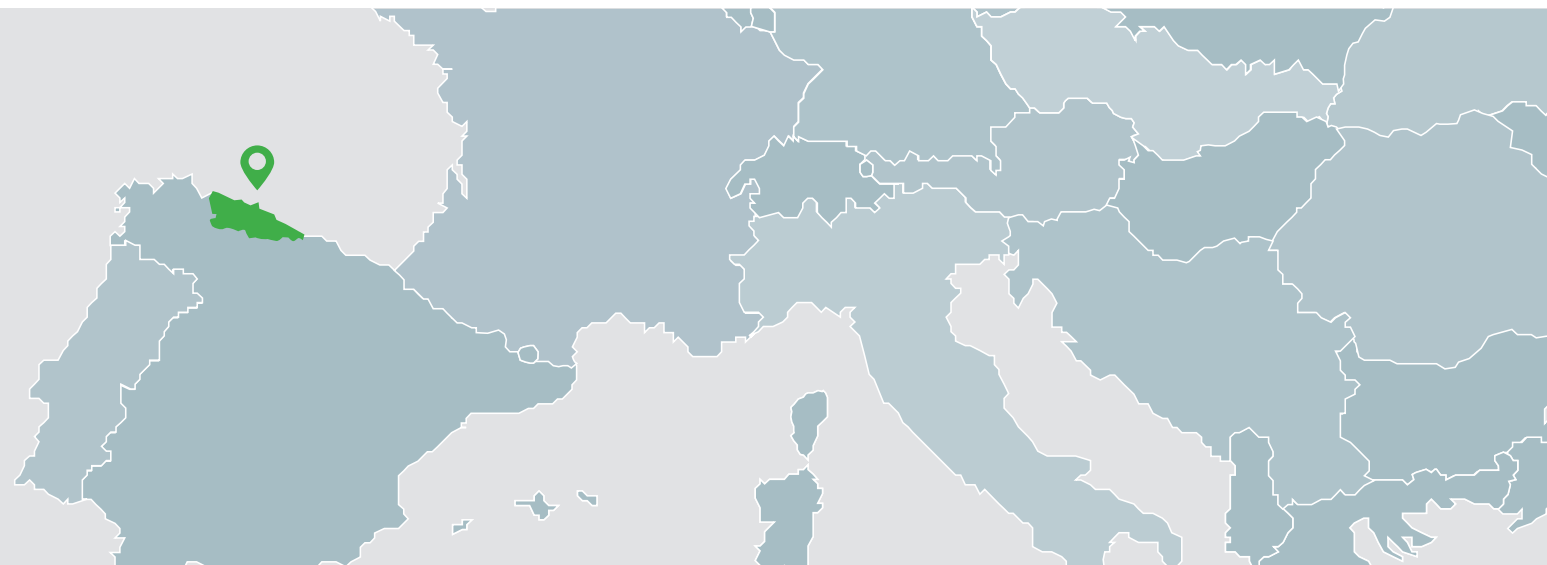
investin**asturias**



Asturias
RIS3 2014
2020

Asturias

Asturias is home to over a million inhabitants and is one of the 17 Autonomous Communities that make up the state of Spain. With 354 km of coastline, it naturally lends itself to being an ideal place to visit and live.



Population and human resources (2015)

Population: 1,051,229
Students (2014/2015): 22,090 university.
17,581 vocational training

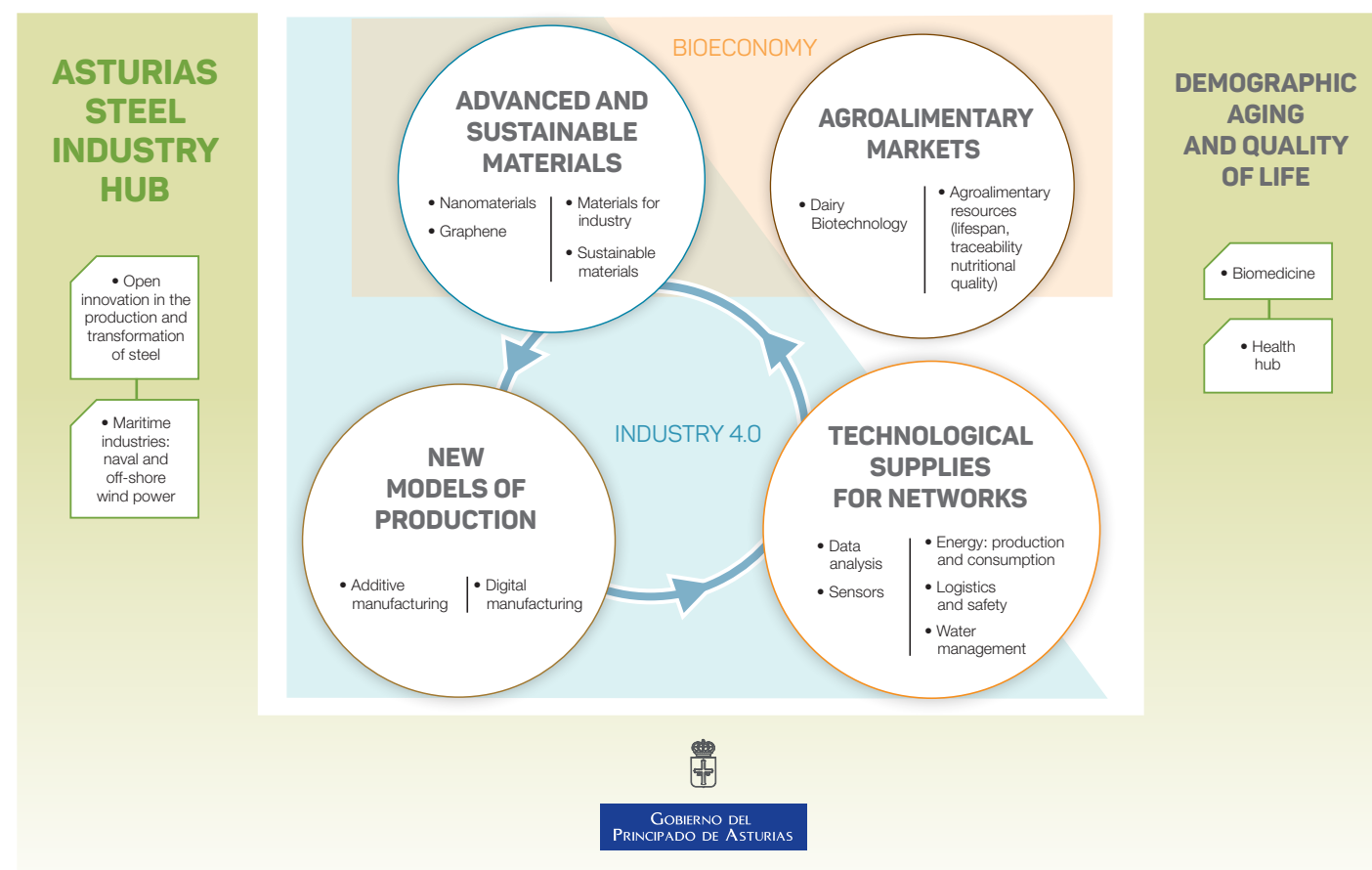
Economic information (2014)

GDP: 20,793 million €
GDP per capita: 19,727 €

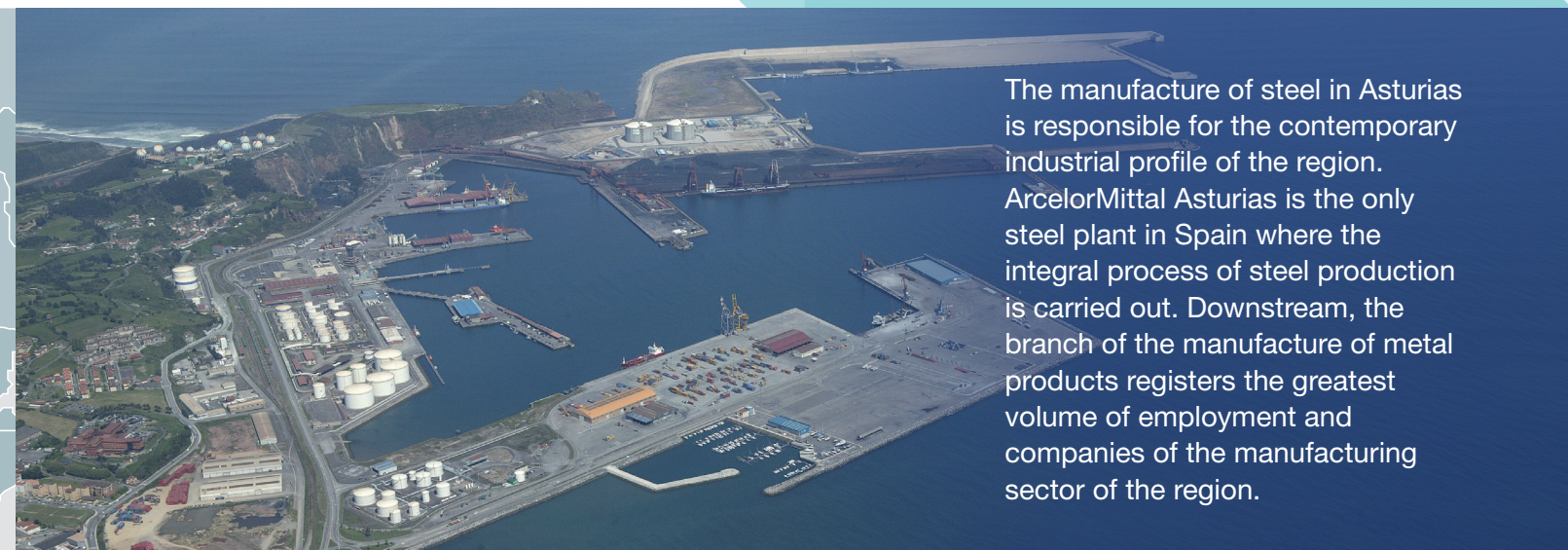
Foreign commerce (2014)

Exports: 3,838 million €
Imports: 3,342 million €
Coverage rate: 114.85%

Asturias RIS3 2014-2020 has selected 16 thematic priorities grouped in 6 fields of specialization. Four fields of specialization are formed around interrelations governed by technology. The other two fields are dominated by an approach towards economic activity and its markets: the Steel Industry Hub and the Health Hub.



STEEL INDUSTRY HUB



The manufacture of steel in Asturias is responsible for the contemporary industrial profile of the region. ArcelorMittal Asturias is the only steel plant in Spain where the integral process of steel production is carried out. Downstream, the branch of the manufacture of metal products registers the greatest volume of employment and companies of the manufacturing sector of the region.

ASTURIAS has a large concentration of Turnkey engineering companies and manufacturers of large metallic structures.

In addition, there are competitive shipyards which have managed to attract international orders, reaching an important volume of exports on a national scale.

The ThyssenKrupp Group develops in Asturias disruptive displacement systems for passengers, first in its industrial plants in Mieres, and more recently at the ThyssenKrupp Elevator Innovation Centre located in Gijón.

SCIENTIFIC AND TECHNOLOGICAL OFFER:

- University of Oviedo
- ITMA. Technological Institute of Materials
- PRODINTEC. Technological Centre of Design and Industrial Production
- CTIC Technology Centre

Transport and the Energy Industry: Specialization Markets of the regional sector

The improvement of the position of the Asturian metal sector depends on fortifying its capacity of interlocution with the end client and the technological specialization of the auxiliary industry collectively in market niches. Chains of value have been identified in the fields of energy (just 20 hours from the British and German markets, the region is in a privileged position to approach the offshore wind energy market) and transport.

Open Innovation in the Production and Transformation of Steel

The R+D Centre of ArcelorMittal in Asturias is developing an infrastructure, known as Steel Square (S2) project, that consists in an integral steel process reproduction through Pilot plants. This project will be an Open Innovation set of facilities for promoting a step forward in the Steel Value Chain. The Steel Innovation Cluster was created in 2015 to foster this project.

ASTURIAS INDUSTRIAL STEEL HUB

Objective Asturias RIS3:
R+D FOR THE MARKETS AND DIVERSIFICATION

Programme: Markets for the Steel Industry Hub

Objective Asturias RIS3: :
INDUSTRIAL LEADERSHIP THROUGH TECHNOLOGY

Grants directed towards the execution of differential or leading R+D+i projects
Primas Proof of Concept Programme