



SUCCESS STORIES

FOREIGN INVESTMENT IN ASTURIAS

CAPGEMINI
France

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The company currently employs over 800 workers whose activity is based around the development of software and system management, offering consulting and application management services.

COMPUTER SCIENCE CORPORATION (CSC) USA

A US multinational located in the Principality of Asturias Business Park (Aviles). It offers employment to over 900 people and more than 85 % of the work undertaken targets foreign clients. It is a technological provider of corporate solutions and services: managing business processes, outsourcing information systems, integrating systems and consulting services.

SOFTWARE AG
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The CEDAS, Asturian Development Centre, employs over 90 professionals and is established as a centre of excellence in the development of specialised software for telemedicine.



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Economic Development Agency of the Principality of Asturias, IDEPA
Parque Tecnológico de Asturias. 33428. Llanera, Asturias. Spain.
Tel.: + 34 985 980 020 Fax: + 34 985 264 455 E-mail: investinasturias@idepa.es

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ICT AND CREATIVE INDUSTRIES

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THE ICT AND CREATIVE INDUSTRIES IN ASTURIAS

The Asturian industrial fabric has undergone a radical transformation in recent years, in which advanced services have moved into the spotlight. In this new economic reality, the information and communication technology sector (ICT) deserves a special mention.

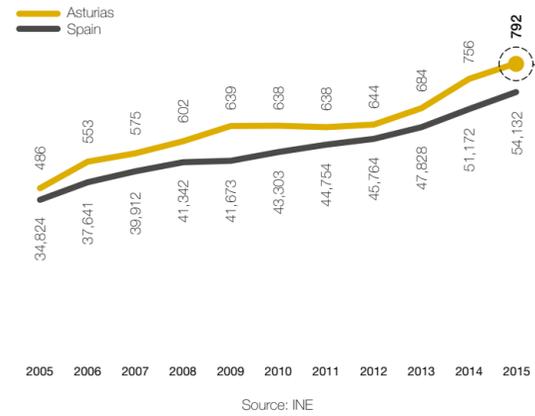
Asturias welcomes Spanish and foreign companies alike, which have moved to the region, in particular over the last decade, playing a significant role in employment in the sector.



CHARACTERISTICS OF THE SECTOR

- Excellent regional telecommunications infrastructures.
- Broadband Internet access across the entire region.
- Asturias presents higher than national average values in the field of digital citizenship.
- Clear involvement of the regional Government in developing the sector.
- Well-established cooperation initiatives such as the ICT Cluster and the Innovative Knowledge Business Association.
- Internationally outstanding R&D institutions and centres, such as the Information and Communications Technology Centre, CTIC, which also home to the headquarters in Spain and Latin America of the W3C consortium (World Wide Web), the most important international body in the field of Internet Regulation.
- In Asturias, 97.89% of companies have computers and 80.6% have access to the internet and a website (INE 2015).
- Asturias sits in 7th position nationally in terms of housing that has a broadband connection (ADSL, Cable network, etc.), with 78.7% of households compared to the national figure of 77.8% (INE 2015).

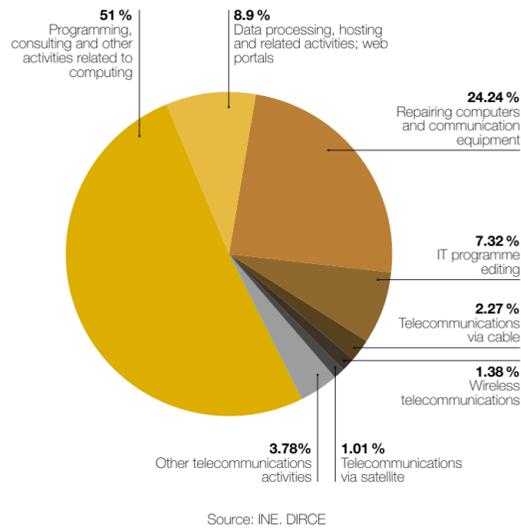
EVOLUTION OF THE NUMBER OF COMPANIES IN THE ICT SECTOR



In 2015 in Asturias, 792 companies belonged to the ICT sector, whose main activities were linked to the development, production and intensive use of information and communication technologies.

Of those 792 companies that formed the Asturian ICT sector, 51% of them fell within Programming, consulting and other IT related activities, with 24.24% being companies whose activity was linked to repairing computers and activities connected to data processing, hosting and related activities; web portals represented 8.9%.

ICT SECTOR COMPANY IN TERMS OF ACTIVITY DEVELOPED IN ASTURIAS



INNOVATION & TECHNOLOGY

TECHNOLOGY CENTRES, R&D INSTITUTIONS, CLUSTERS

CTIC. INFORMATION AND COMMUNICATIONS TECHNOLOGY CENTRE

CTIC is the main locomotive agent for ICT-related services in Asturias. **A benchmark Technology Centre which implements its activity on a regional, national and international scale, it actively contributes to social innovation,** establishing collaboration with the public sector (administrations, governments, research bodies, universities, etc.) and the private sector alike.

ICT CLUSTER

This Cluster brings together around 50 companies that represent approximately 2,500 jobs with the objective of collaborating in projects that allow them to become established as a sector with regional identity. The Cluster is particularly active in the international promotion of its companies and in the co-design of projects.

AEI. INNOVATIVE KNOWLEDGE BUSINESS ASSOCIATION

Created to promote technological development, innovation and applied research in the Knowledge Society sector, it brings together 32 companies from knowledge-related sectors (mainly the ICT sector and similar), and 2 entities belonging to the Asturias company and innovation system (ICT Cluster, the Information and Communications Technology Centre, CTIC).



EDUCATION

The University of Oviedo offers new degrees adapted to the European Higher Education Area with programs that cover the majority of fields of knowledge. 30% of its more than 22,000 students study technical degrees. The School of Computer Science Engineering at the Oviedo Campus and the Polytechnic School of Engineering in Gijón offer comprehensive training in Computer Engineering and Telecommunications.

The following qualifications from the University of Oviedo related to the ICT sector are outstanding:

- Master's Degree in Web Engineering**
- Master's Degree in Automation and Industrial Computing Engineering**
- Master's Degree in Remote Detection and Geographical Information Systems**
- Master's Degree in Computer Engineering**
- Master's Degree in Telecommunication Engineering**

Accredited Vocation Training, with 17,000 registered students, more than the 35% following technical degrees, completes the technical qualification of the Asturian workforce, combining theoretical training with work experience undertaken in companies.

CREATIVE INDUSTRIES

Graphic design, advertising and the audio-visual sector in Asturias are the heaviest weighing activities within the creative sector.

- **Graphic design**, with a deep-seated tradition in Asturias, is supported by the prestigious Higher Arts School of the Principality of Asturias and the Oviedo Arts School, in the Asturian Association of Graphic Designers (AGA), and the recognition from the MOTIVA awards, which position graphic design as both valuable and essential.
- **The Audio-visual Cluster of Asturias** aims to promote the development and globalisation of the sector, grouped within the Association of Audio-visual Production Companies of the Principality of Asturias; for their part, the **Asturias Film Commission** takes advantage of the numerous aesthetic and natural resources of Asturias, an enclave which is already outstanding as a filming location for national and international productions.
- **The advertising sector**, which has undergone considerable growth in recent years, is grouped within the Advertising Companies Association of the Principality of Asturias (ADAPPA).

The video gaming sector stands out as the link between the Creative sector and ICT. Asturias has a specific acceleration programme for entrepreneurs entitled Let's Game, backed by CEEI Asturias.

UNIQUE INFRASTRUCTURES

Not only does Asturias have varied and quality cultural backing, but it also has unique spaces, which either recovered from the past or projected into the future, uphold its unbreakable commitment towards creation and all its forms.

SPANISH OFFICE OF THE WORLD WIDE WEB CONSORTIUM (W3C)

Since 2003, the CTIC has welcomed the Spanish Office of the World Wide Web Consortium (W3C), the most important international organisation in terms of internet regulation. **The W3C is an international organisation which develops technology to guide the Web towards its maximum potential,** via the creation of regulations which ensure the future growth of the web.

LABORAL ART AND INDUSTRIAL CREATION CENTRE

A clear sign of its commitment to the region's ICT sector and creative industries, is the Laboral Art and Industrial Creation Centre, with sponsor companies including Telefónica R&D and the aluminium multinational Alcoa. Promoted by the government of the Principality of Asturias to strengthen the technology culture, it is a cross-sectorial **institution which produces, circulates and promotes access to new cultural forms that have emerged from the creative use of information and communication technologies.**

LABORAL CITY OF CULTURE

Constructed in the 20th Century, it is the largest architectural work in Spain (270,000m²). **A multi-use open space, it combines institution and headquarters and companies with all types of entertainment and leisure activities.**

Principality of Asturias Broadcasting Corporation, the College of Dramatic Art and Professional Dance the University College of Business, Tourism and Social Sciences "Jovellanos" and the R&D Centre of the German multinational Thyssenkrupp all have their headquarters in the Laboral City of Culture.



Did you know that the Asturian Technology Centre CTIC has been chosen by the European Commission for the technical development of Global Internet Policy Observatory (GIPO)?



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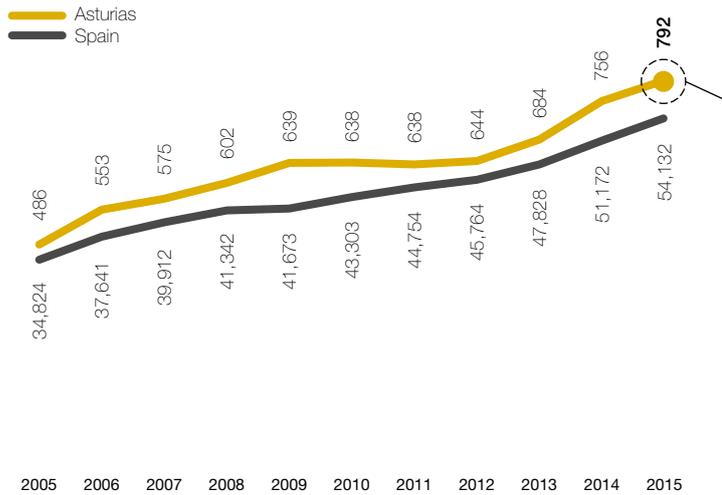
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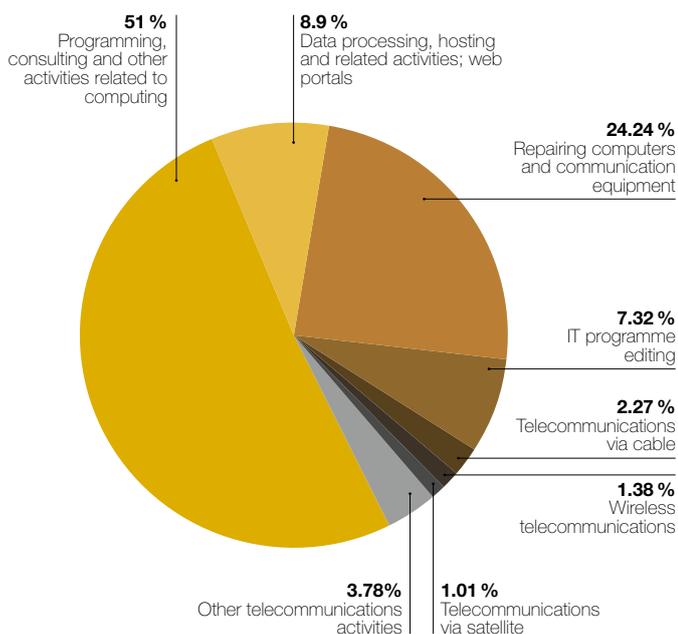


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Source: INE. DIRCE

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