VET Centers of Excellence & Innovation
Galician experience

Spain (Galicia)
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Where are we from?

Galicia (Spain)

- Population: 2,71 millions (5,82%)
- Area: 29.574 Km² (5,84%)

Spain
- Population: 46,52 millions
- Area: 505.944 Km²
Spain (Galicia)
decentralized administration structure

Central government
- Parliament.
- Government (president and ministers).

Sets common and basic laws (based on EU regulations when necessary).

Regional government
- Regional parliament.
- Regional president and cabinet.

Sets regional legislation applying, adapting and developing common laws.

Local government
- City council.
- Mayor.

Sets local rules based on regional and state laws.
Spain (Galicia)

VET system

- Initial VET subsystem
- On-the-job VET subsystem
  - Continuous VET for employees
  - VET Programmes for out of work people

VET diplomas
academic and professional values

Professional Certificates
only professional value

National Qualification Framework (NQF)
VET partnerships communication

Central government
- VET directorate.
- National Qualifications Framework.

Regional government
- VET regional administration.
- Major agreements.

VET schools
- Headmaster.
- Work placement module tutor.
- Teachers.

Companies
- Information.
- Dual VET programmes.
- Work placement module.
- Study leaves for teachers.
- Entrepreneurship.
- Technical work groups.
- Innovation.
- Fairs.
- Congresses.
- Competitions.
Spain (Galicia) current VET system

**Educational system**

1. **Compulsory Secondary Education**
2. **Upper Secondary Programmes**
3. **University Degrees**

**Labour system**

1. **Level 1**
   - Professional certificates
2. **Level 2**
   - Professional certificates
3. **Level 3**
   - Professional certificates

**Tertiary Level**

1. **Basic VET**
2. **Intermediate VET**
3. **Higher VET**
4. **University Degrees**
Spain (Galicia) VET service providers

VET system

Initial VET subsystem
- CIFP (Integrated VET centres).
- State secondary schools.
- Private secondary schools.

On-the-job VET subsystem
- Continuous VET for employees
- VET Programmes for out of work people

All centres need an administrative accreditation.
Current regulations set: minimum common rules, facilities, equipment and teachers.

National Qualification Framework (NQF)
National Qualifications Framework
26 Sector branches

- **Administration** and management.
- **Agriculture**.
- **Arts** and crafts.
- **Chemistry**.
- **Construction** and civil work.
- **Electricity** and electronic.
- **Energy** and water.
- **Extraction** industry.
- **Food** industry.
- **Glass** and ceramics.
- **Graphic** arts.
- **Health**.
- **Hospitality** and tourism.
- **Image** and sound.
- **Information** and communications technology.
- **Installation** and maintenance.
- **Maritime** and fishing industry.
- **Metal** working.
- **Personal** image.
- **Physical** and sports activities.
- **Security** and environment.
- **Sociocultural** and community services.
- **Textile**, clothing industry and leather.
- **Trade** and marketing.
- **Transport** and vehicles maintenance.
- **Wood**, furniture and cork.
National Qualifications Framework figures

**Initial VET**
- 34 Basic VET diplomas
- 60 Intermediate VET diplomas
- 81 Higher VET diplomas
- 175 Total VET diplomas

**On-the-job VET**
- 77 Level 1 Professional certificates
- 242 Level 2 Professional certificates
- 255 Level 3 Professional certificates
- 574 Total Professional certificates

**26 sector branches**
### Types of VET offer flexibility

<table>
<thead>
<tr>
<th><strong>Initial VET</strong></th>
<th><strong>On-the-job VET</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Full time programmes</td>
<td>Training plans for unemployed</td>
</tr>
<tr>
<td>Modular programmes (&gt;18) On-site, distance learning</td>
<td>Training plans for employed</td>
</tr>
<tr>
<td>Dual VET (&gt;18,&lt;30)</td>
<td>Training on-demand</td>
</tr>
<tr>
<td>Dual VET on 2\textsuperscript{nd} course full time programme (&gt;18,&lt;30)</td>
<td>Apprenticeship contract</td>
</tr>
<tr>
<td>Tests to get a VET diploma (without schooling)</td>
<td></td>
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</table>

**Recognition of skills acquired through work experience**
VET diplomas
key features

• **Academic** and **professional** value.
• Based on **learning outcomes**.
• Practical learning in **simulated** real-working-environments.
• **2.000 hours** in two academic years (full time programmes).
• Training is organised in **professional modules**.
• VET diplomas **common modules**:  
  – Professional and guidance training.
  – Business and entrepreneurial initiative.
• **Work placement module**: FCT “Formación en Centros de Trabajo” (at the end of 2\textsuperscript{nd} academic year).
  – Basic VET: **320 hours**.
  – Intermediate VET: **410 hours**.
  – Higher VET: **384 hours**.
Dual VET programmes
key features

• Learning is shared by school and company.
• Company’s participation in the qualification’s training hours range from 33% to 85%.
• Programme can be extended from two to three years.
• Before starting at the company, students have to attend training in a training centre.
• Students’ assessment is the responsibility of the teachers at school, considering the opinion of in-company tutors and work performance.
• Students receive a payment for their work because they have a contract with a company.
• Students obtain a VET diploma at the end of the programme.
VET map in Galicia (Spain)

Academic year 2018-2019

<table>
<thead>
<tr>
<th>Type</th>
<th>Full time programmes</th>
<th>Mod. Prog. on-site</th>
<th>Dual</th>
<th>Mod. Prog. distance</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic</td>
<td>208</td>
<td>93</td>
<td>18</td>
<td>18</td>
<td>984</td>
</tr>
<tr>
<td>Intermediate</td>
<td>395</td>
<td>89</td>
<td>32</td>
<td>27</td>
<td>182</td>
</tr>
<tr>
<td>Higher</td>
<td>381</td>
<td></td>
<td></td>
<td></td>
<td>50</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>984</strong></td>
<td><strong>182</strong></td>
<td><strong>50</strong></td>
<td><strong>45</strong></td>
<td><strong>1,261</strong></td>
</tr>
</tbody>
</table>

* State schools
VET map in Galicia (Spain)

- 269 VET schools
- 52,000 VET students
- 4,091 VET teachers

- 20 CIFP
- 40% VET students
- 35% VET teachers
CIFP network

- **Network** consisting of 20 Galician CIFP:
  - Initial VET.
  - On-the-job VET.
  - Recognition of skills acquired through work experience.
- **Vocational guidance** and counselling.
- **CIFP Common strategy** and coordination among schools.
- **Lead VET** in Galicia.
- **Relationships** CIFP-companies.
- Entrepreneurship plan – “Eduemprende”.
  - Business incubators for VET students
  - Innovation projects.
CIFP
Network Quality Management System

- Common coordination: Galician Regional Administration Sub-directorate General of VET.
- System management: Quality committee.
  - Sub-directorate General of VET.
  - CIFP network Quality Manager.
  - CIFP Headmasters.
- Internal and External Network audits.
CIFP Social Council

Social Council members

6 CIFP staff
- Headmaster
- Head of studies
- Secretary
- 3 Teachers

7 Non-CIFP staff
- 3 Administration representatives
- 2 Representatives of the most prominent business organizations in the Region
- 2 Representatives of the most prominent trade unions in the Region
CIFP
Rodolfo Ucha Piñeiro (Ferrol)

- Ferrol
  - 2 CIFP
  - 9 Schools with VET
- Influence area
  - 7 Schools with VET
Ferrol

- City in the province of A Coruña, on the Atlantic coast.
- Population: 70,000.
- Population influence area: 200,000.
- Economy:
  - Industrial parks: Factories, Malls, Hypermarkets, Car dealerships, Petrol stations, Construction companies, ...
  - Commercial districts.
  - Tourism.
CIFP
Rodolfo Ucha Piñeiro (Ferrol)

- Facilities → 1 Building:
  - 5,000 Square metres.
  - 30 Classrooms with more than 500 personal computers.
  - Events hall (240 seats).
  - Library.
  - Sports hall and sports court.
  - School cafeteria.
  - Business incubators.

- 69 Teachers staff.
- 10 Non-teaching staff.
- 850 VET Students:
  - 600 → Full time programmes.
  - 250 → Modular programmes (>18).
CIFP Rodolfo Ucha Piñeiro (Ferrol)  
Initial VET subsystem

<table>
<thead>
<tr>
<th>6 sector branches</th>
<th>14 VET diplomas</th>
</tr>
</thead>
</table>

**ADMINISTRATION AND MANAGEMENT**
- Technician in Administrative Management
- Higher Technician in Administration and Finance
- Higher Technician in Office Director Assistance

**TRADE AND MARKETING**
- Technician in Commercial Activities
- Higher Technician in Sales Management and Commercial Spaces
- Higher Technician in Marketing and Advertising

**HOSPITALITY AND TOURISM**
- Higher Technician in Tourist Guide, Information and Assistance

**PHYSICAL AND SPORTS ACTIVITIES**
- Higher Technician in Sport and Physical Activities Recreation

**CONSTRUCTION AND CIVIL WORK**
- Higher Technician in Building Projects

**INFORMATION AND COMMUNICATIONS TECHNOLOGY**
- Basic Skilled Operator in Office Computing
- Technician in Microcomputer Systems and Networks
- Higher Technician in Computer Network Systems Management
- Higher Technician in Multi-platform Applications Development
- Higher Technician in Web Applications Development
CIFP Rodolfo Ucha Piñeiro (Ferrol)
On-the-job VET subsystem

Recognition of skills acquired through work experience

- Administration and Management → 50 people
- Trade and Marketing → 20 people

AFD “Actividades Formativas para Desempregados”

- VET Programmes for unemployed people → more than 50 people
CIFP’s
Income/Expenses

**INCOME**
- General income for operating expenses.
- ESF → European Social Fund.
- Photocopies.
- Use of facilities.

**EXPENSES**
- Basic maintenance.
- Heating.
- Electricity and water supplies.
- Consumables.
- Minor equipment.
- Payment to experts.
  - Training.
  - Lectures.
- Complementary teaching activities.
  - Transport services.
  - Tickets.
- Travel allowance.
- Renting of equipment.
- Office supplies.
- Postal charges.

**EXPENSES NOT MANAGED BY THE SCHOOL**
- Payments of teaching and non teaching staff.
- Equipment and facilities.
- Teacher training.
Innovation

• People’s and organization’s attitude towards...
  – Doing something **new**.
  – Doing the same in a **different** and **new** way.
  – Doing it in a **simpler** way.
  – Doing it with a **better** quality standard.
  – Doing it in a more **efficient** way.
Innovation

• **Innovation** is:
  – Get ahead of the changes.
  – Promote the changes.

• **Educative** administration & Innovation.
  – Facilitate and promote innovation.

• **Continuous feedback** within innovation.
Innovation main areas

- CIFP network.
- Dual VET.
- Entrepreneurship.
  - Programmes.
  - Business incubators network.
- Innovation projects.
- VET advertising.
- ICT development.
- Quality management system.
- VET teachers training.
- Internationalization.
- Multilingualism.
Entrepreneurship programmes

**Strategic axes**

- Motivate
- Train to start a business
- Encourage and support
- Coordinate and take advantage of initiatives
Entrepreneurship business incubators network

26 Schools in Galicia with business incubators

- Common branding.
- 2 - 4 workstations.
- Tutor.
- Business plan.
Innovation projects

- **Yearly** call (5th).
- **2018** budget.
- **Modalities.**
  - Technological or scientific.
  - Didactic.
- **Collaborative.**
  - Among centres.
  - With companies.
- **Useful** for learning.
- **Motivation.**
  - Teachers.
  - Students.
- **Improve** employability.
  - Number of companies which make it to incubators.
- **Allowance < 40,000 €.**
  - Equipment.
  - Transport expenses and FDA.
- **Advertising.**
  - VET portal.
    - 30 projects.
    - 17 projects of minicompanies.
    - 4 companies from incubators.
    - 32 schools, 47 companies.
VET advertising

- Branding.
- Brochures.
- Media.
- www.edu.xunta.es/FP
- VET centres websites.
- Social networks.
- Fairs and congresses.
- **Competition:** GaliciaSkills.
VET advertising
ICT development

• **Management tools:**
  – Needs identification.
  – ICT tools development.
  – Tools connectivity.

• **E-learning platform:**
  – Platega 2.0.

• “Programacións”.

• **Simulators, virtual reality (VR).**
Quality management system

• Quality networks:
  – 48 certified centres.
VET teachers training

Current
- Teachers training network.
- ICT management tool “Fprofe”.
- On-site and e-learning activities.
  - 140 training activities.
  - 2512 teachers.
- Placements in companies (75).
- Studies “leave”.
  - To obtain a qualification.
  - To elaborate or to develop didactic materials.
- “Work-abroad” programmes (128).

New
- Own centre training projects:
  - Centre-need’s identification.
  - Ad-hoc project design.
  - Implementation.
    - 77 projects.
    - 597 teachers.
- New strategies in VET teachers training:
  - Companies involvement.
  - Oriented to innovative projects.
Internationalization Multilingualism

- **Bilingual Sections and Multilingual** VET centres:
  - Teach non-linguistic subjects in a foreign language.
  - Improve student’s skills in other language.
  - Non-linguistic teacher with the language competence coordinated by a language teacher.
  - Language assistant available.
  - Complementary activities > 40 hours.
  - At least 2 academic years.

- **“Work or study abroad”** programmes (last 4 years):
  - Students 787.
  - Diplomates 70.
  - Teachers 128.

- Taking part in **activities all over the world**.
VET popularity

- **Up-to-date** studies
- **Flexibility**
- **Better employability**
- **Increasing the attractiveness and appreciation of VET**
- **Increase** VET students figures

VET students in Galicia

- 2005/06: 38,383
- 2006/07: 36,665
- 2007/08: 34,022
- 2008/09: 34,746
- 2009/10: 36,239
- 2010/11: 38,418
- 2011/12: 42,720
- 2012/13: 47,966
- 2013/14: 51,074
- 2014/15: 51,610
- 2015/16: 49,574
- 2016/17: 50,627
- 2017/18: 51,000

- Compulsory secondary education
- Upper secondary education
- VET

Galicia

Xunta de Galicia
Thank you for your attention

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