VET Centers of Excellence & Innovation Galician experience

Spain (Galicia)

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Subdirección Xeral de Formación Profesional

Where are we from?

Galicia
(Spain)

	Spain	**Galicia**
• Population	46,52 millions	2,71 millions (5,82%)
• Area	505.944 Km^2	29.574 Km^2 (5,84%)

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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**.
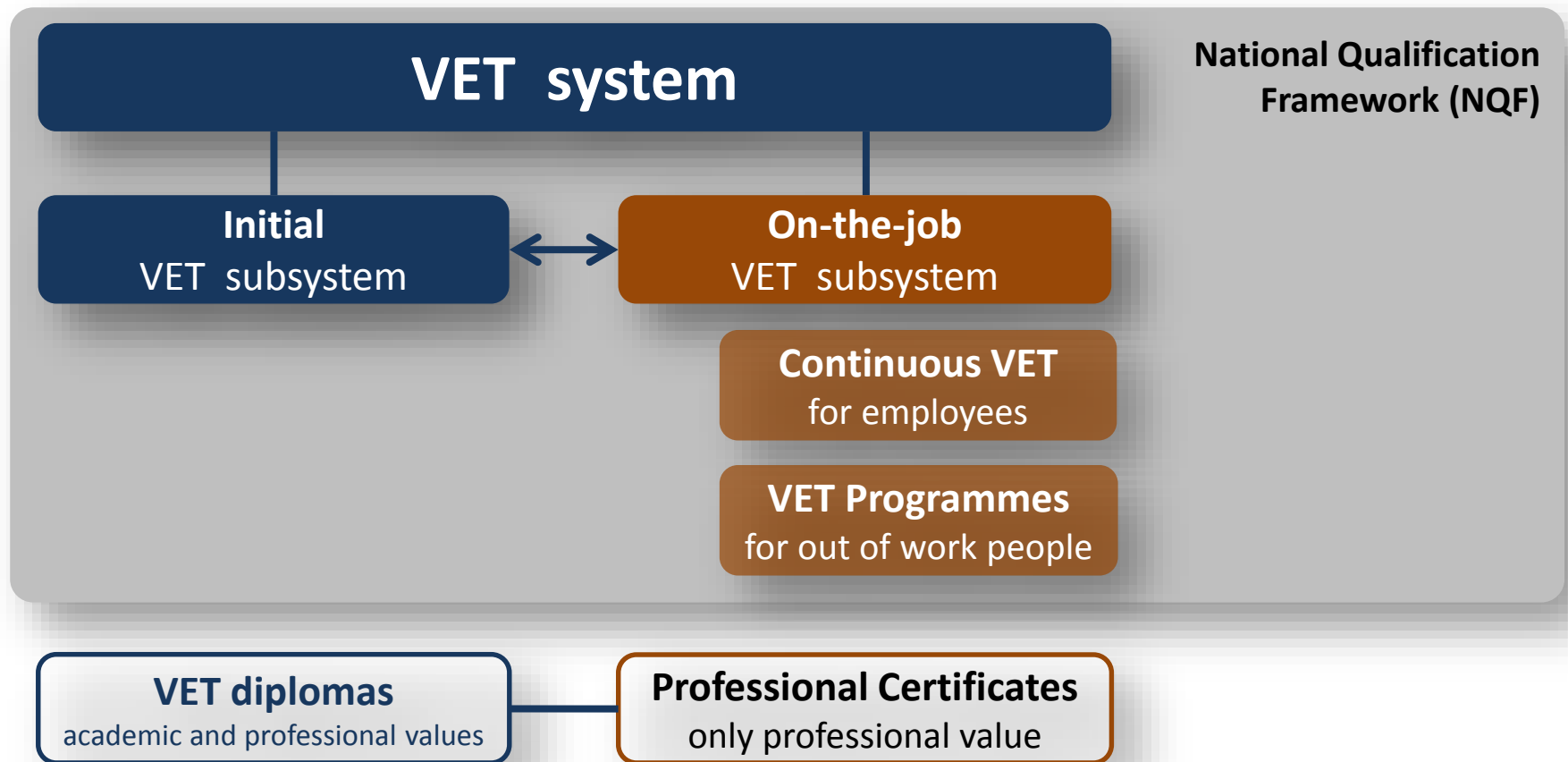- **Regional president** and **cabinet**.

Sets regional legislation applying, adapting and developing common laws.
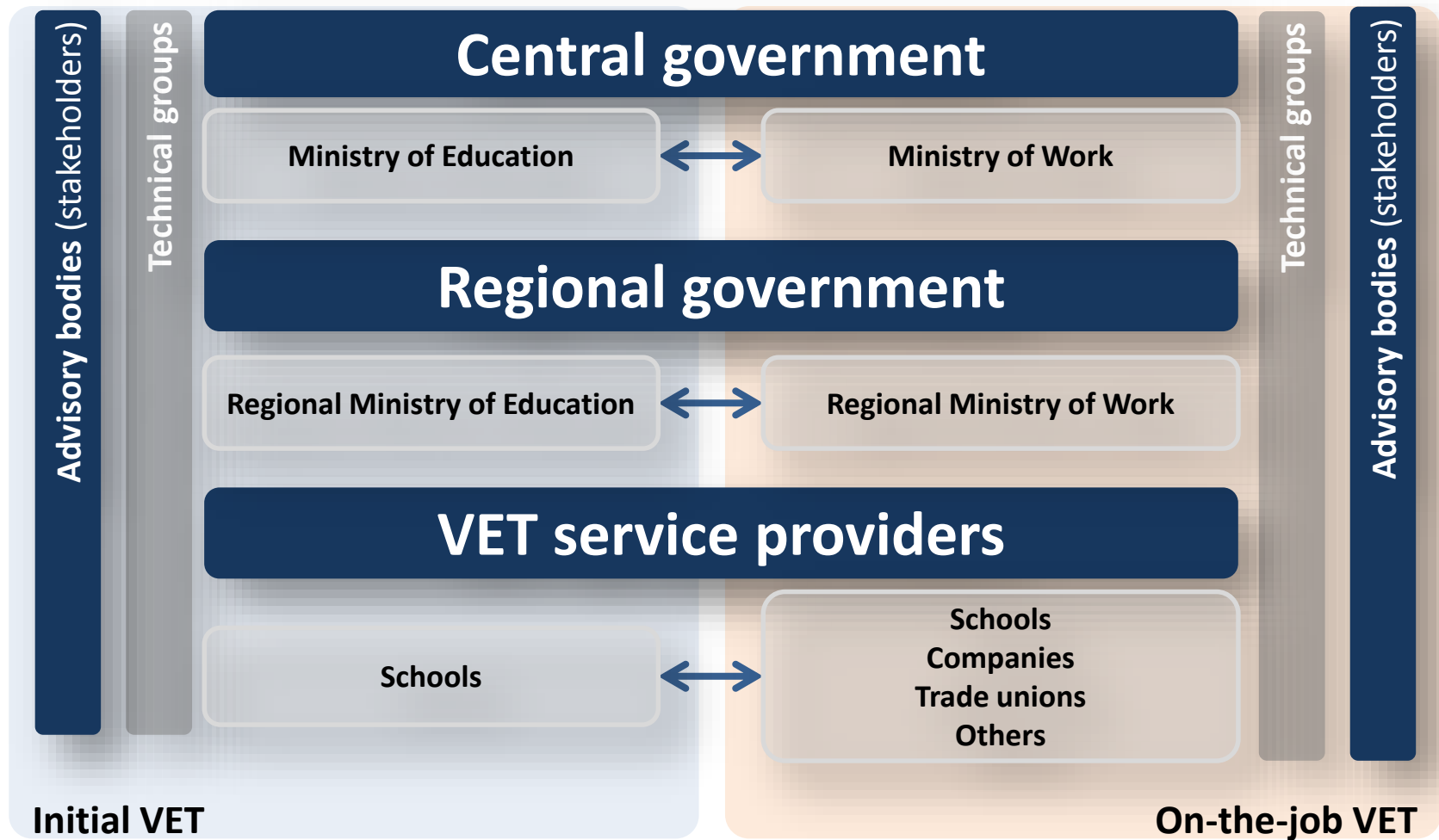
Local government

- **City council**.
- **Mayor**.

Sets local rules based on regional and state laws.

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Spain (Galicia)
VET system

VET system

National Qualification Framework (NQF)

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

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Spain (Galicia)
decentralized VET governance

Advisory bodies (stakeholders)

Technical groups

Central government

Ministry of Education ⟷ Ministry of Work

Regional government

Regional Ministry of Education ⟷ Regional Ministry of Work

VET service providers

Schools ⟷ Schools
Companies
Trade unions
Others

Technical groups

Advisory bodies (stakeholders)

Initial VET

On-the-job VET

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VET
partnerships communication

Advisory bodies (stakeholders)

Central government

- VET directorate.
- National Qualifications Framework.

Regional government

- VET regional administration.
- Major agreements.

VET schools

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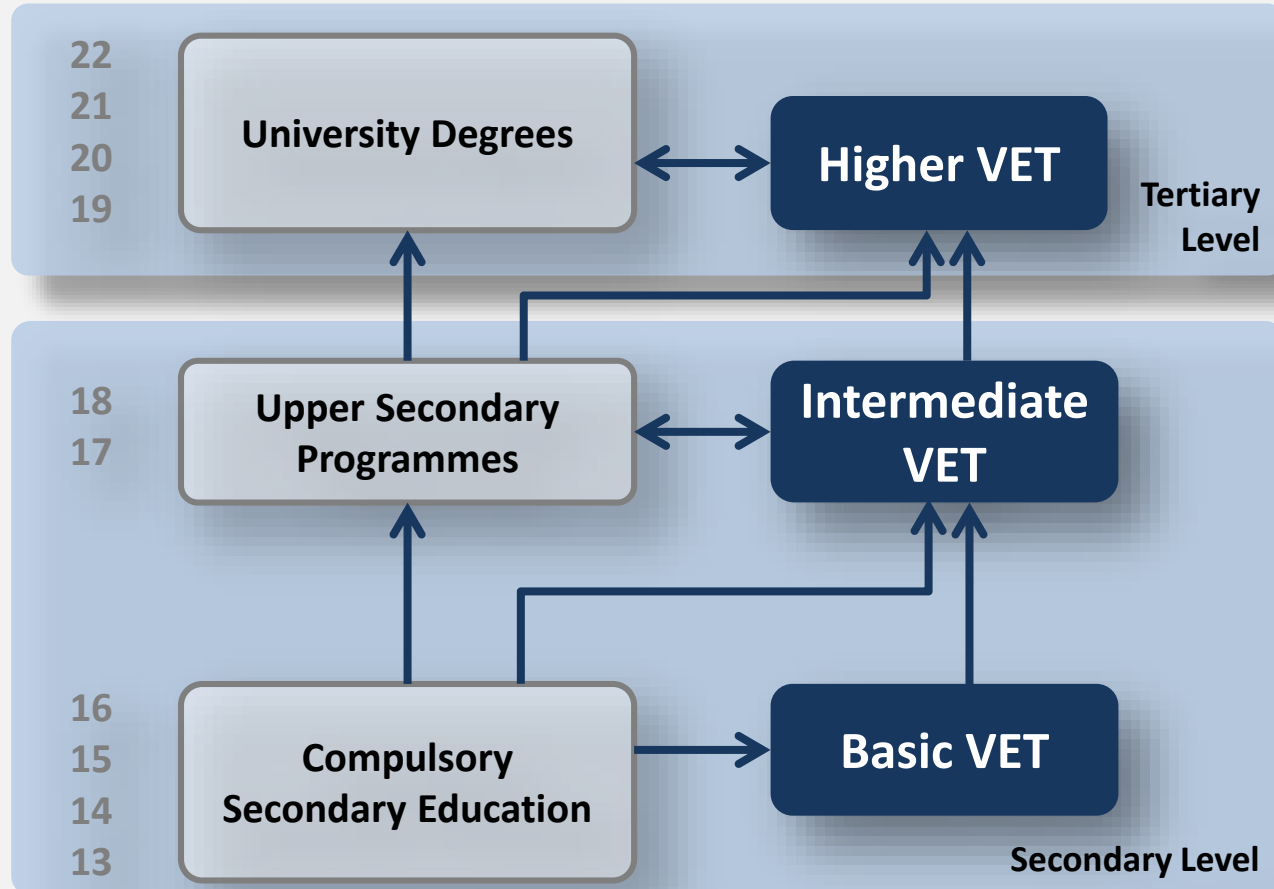- Work placement module tutor.
- Teachers.

Companies

- Information.
- Dual VET programmes.
- Work placement module.
- Study leaves for teachers.
- Entrepreneurship.
- Technical work groups.
- Innovation.
- Fairs.
- Congresses.
- Competitions.

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Spain (Galicia)
current VET system

Educational system ⟷ **Labour system**

Age				
22 21 20 19	University Degrees ⟷ Higher VET	Tertiary Level		Level 3 Professional certificates
18 17	Upper Secondary Programmes ⟷ Intermediate VET			Level 2 Professional certificates
16 15 14 13	Compulsory Secondary Education → Basic VET	Secondary Level		Level 1 Professional certificates

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Spain (Galicia)
VET service providers

VET system

National Qualification Framework (NQF)

Initial VET subsystem ↔ **On-the-job** VET subsystem

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

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.

- **CIFP** (Integrated VET centres).
- **Other accredited centres:**
  - **Trade Unions**.
  - **Companies.**

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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

Initial VET

Full time programmes

Modular programmes (>18)
On-site, distance learning

Dual VET (>18,<30)

Dual VET on 2nd course
full time programme (>18,<30)

Tests to get a VET diploma
(without schooling)

On-the-job VET

Training plans for unemployed

Training plans for employed

Training on-demand

Apprenticeship contract

**Recognition of skills** acquired through work experience

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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 2nd 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.

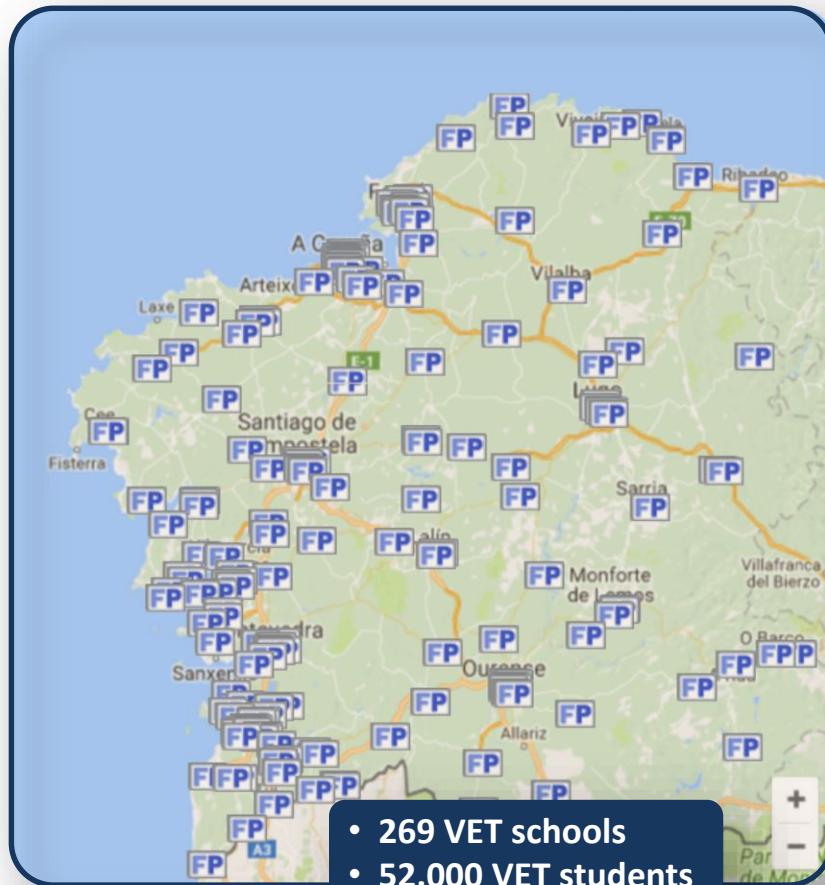- Students obtain a **VET diploma** at the end of the programme.
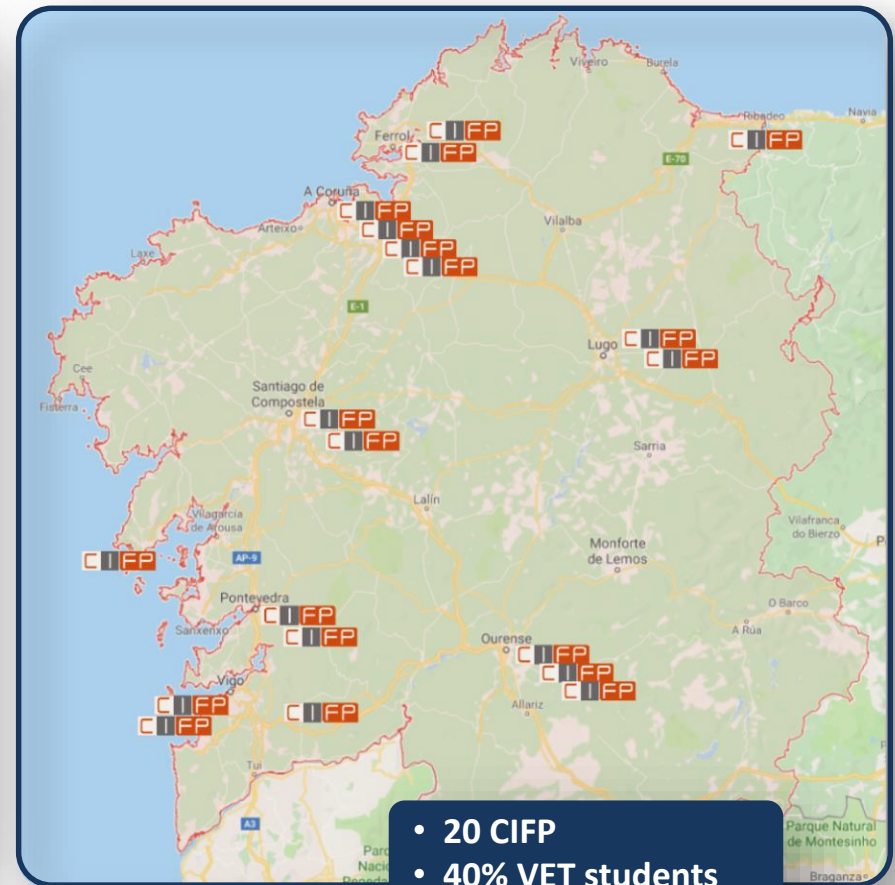
VET map
in Galicia (Spain)
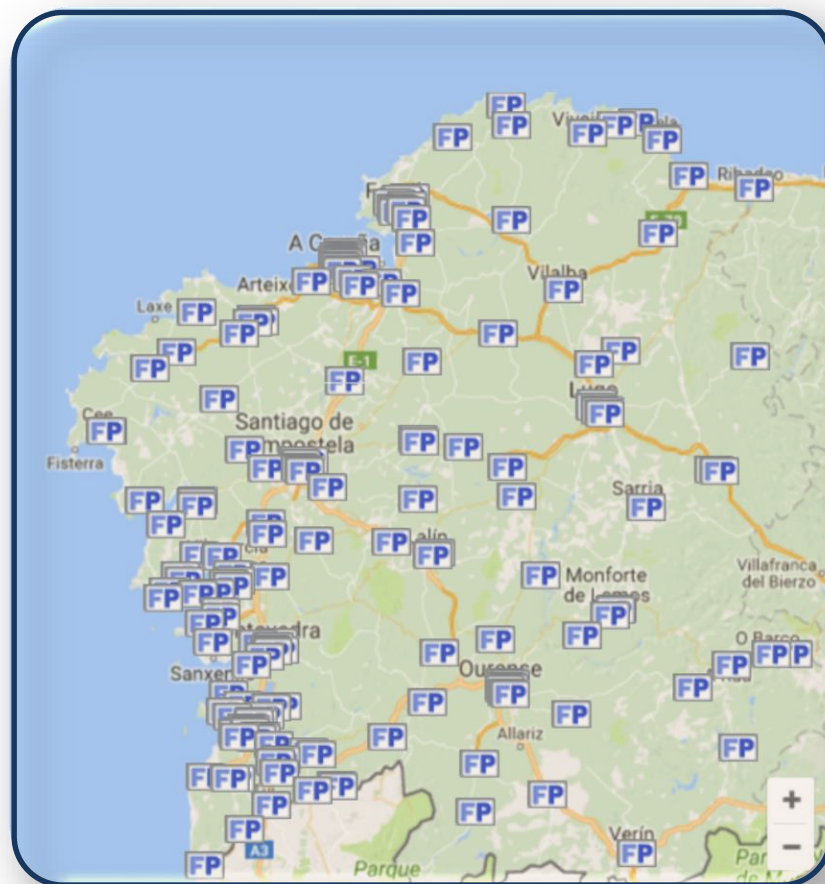
Academic year 2018-2019			
Basic	**Intermediate**	**Higher**	**TOTAL**

	Basic	Intermediate	Higher	TOTAL
Full time programmes	208	395	381	**984**
Mod. Prog. on-site		93	89	**182**
Dual		18	32	**50**
Mod. Prog. distance		18	27	**45**
TOTAL			*State schools	**1.261***

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VET map
in Galicia (Spain)

- **269 VET schools**
- **52.000 VET students**
- **4.091 VET teachers**

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

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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.
- **Quality Management System**: IQNet and AENOR - *ISO 9001:2015*.
- **Relationships** CIFP-companies.
- Entrepreneurship plan – "Eduemprende".
  - Business incubators for VET students
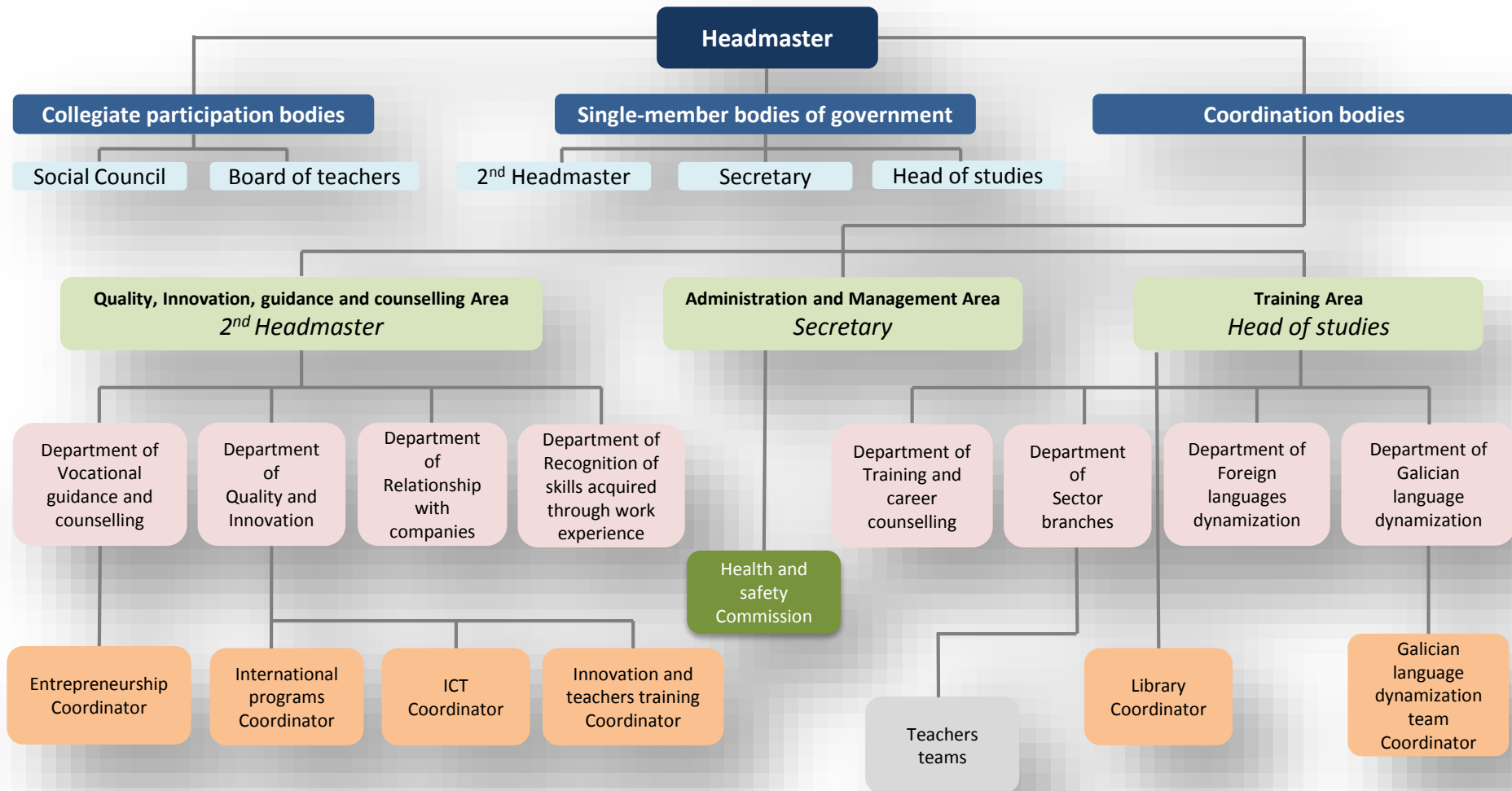- Innovation projects.

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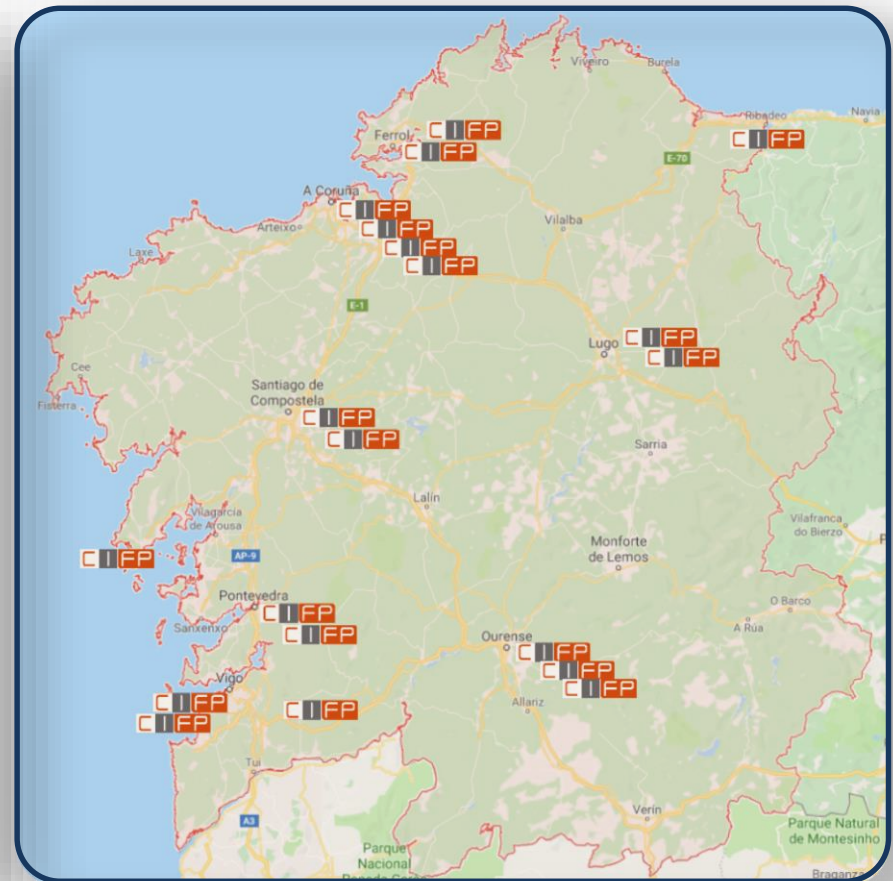
CIFP
Network Quality Management System

- **Multisite certificate** ISO 9001/2015.
  - Common Quality Manual: processes, working instructions, documents.

- **Common coordination**: Galician Regional Administration Sub-directorate General of VET.

- System tracing: **CIFP Quality Managers Working Group**.

- System management: **Quality committee.**
  - Sub-directorate General of VET.
  - CIFP network Quality Manager.
  - CIFP Headmasters.

- Internal and External Network **audits**.

CIFP structure

Headmaster

Collegiate participation bodies
- Social Council
- Board of teachers

Single-member bodies of government
- 2nd Headmaster
- Secretary
- Head of studies

Coordination bodies

Quality, Innovation, guidance and counselling Area
2nd Headmaster
- Department of Vocational guidance and counselling
- Department of Quality and Innovation
- Department of Relationship with companies
- Department of Recognition of skills acquired through work experience
- Entrepreneurship Coordinator
- International programs Coordinator
- ICT Coordinator
- Innovation and teachers training Coordinator

Administration and Management Area
Secretary
- Health and safety Commission

Training Area
Head of studies
- Department of Training and career counselling
- Department of Sector branches
- Department of Foreign languages dynamization
- Department of Galician language dynamization
- Teachers teams
- Library Coordinator
- Galician language dynamization team Coordinator

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CIFP
Social Council

Social Council members

6 CIFP staff	7 Non- CIFP staff
• Headmaster • Head of studies • Secretary	• 3 Administration representatives
• 3 Teachers	• 2 Representatives of the most prominent business organizations in the Region
	• 2 Representatives of the most prominent trade unions in the Region

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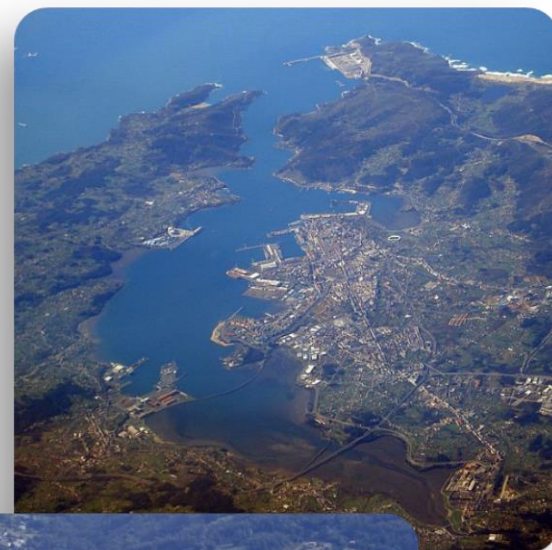
CIFP
Rodolfo Ucha Piñeiro (Ferrol)
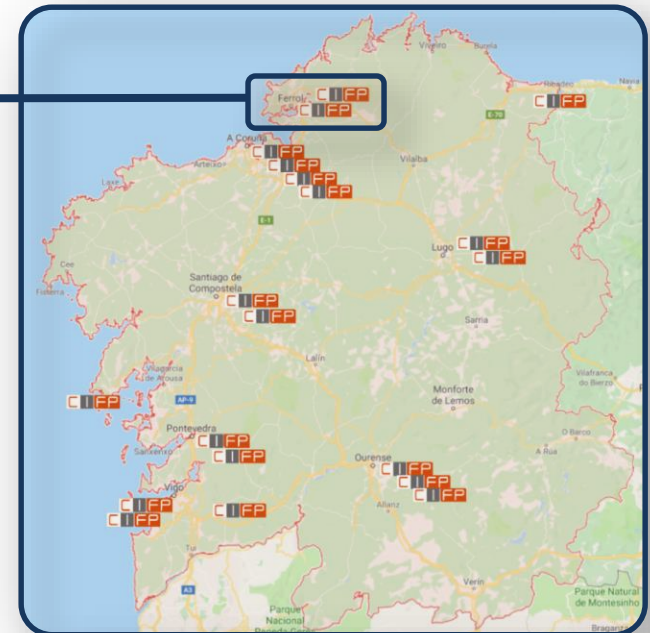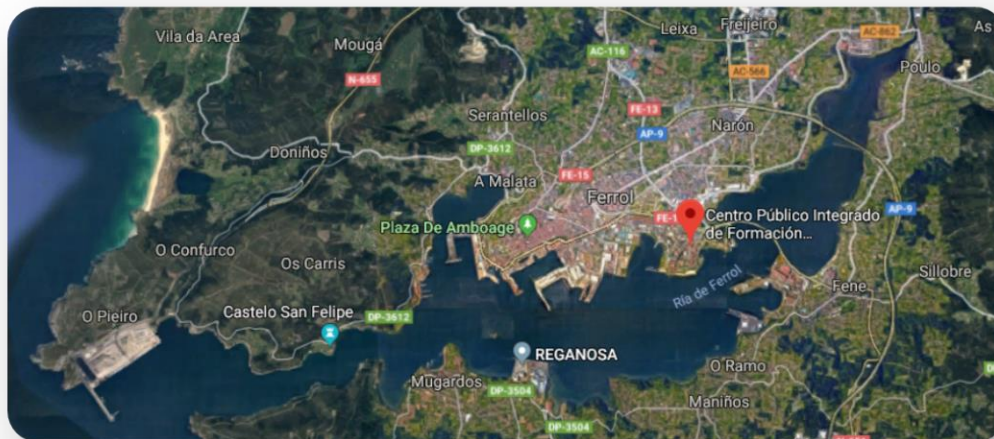
- **Ferrol**
  - 2 CIFP
  - 9 Schools with VET
- **Influence area**
  - 7 Schools with VET

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Ferrol

- **City in the province** of A Coruña, on the Atlantic coast.

- **Population**: 70.000.

- **Population influence area**: 200.000.

- **Economy**:

  - **Naval sector**: Navantia – public dockyards.

  - **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).

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CIFP Rodolfo Ucha Piñeiro (Ferrol)
Initial VET subsystem

6 sector branches ➡ **14 VET** diplomas

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

Plan de **Acreditación** experiencia profesional

- **Administration and Management** ⟹ **50** people
- **Trade and Marketing** ⟹ **20** people

AFD "Actividades Formativas para Desempregados"

- **VET Programmes for unemployed people** ⟹ more than **50** people

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CIFP's
Income/Expenses

INCOME

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

EXPENSES NOT MANAGED BY THE SCHOOL

- Payments of teaching and non teaching staff.
- Equipment and facilities.
- Teacher training.

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.

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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.
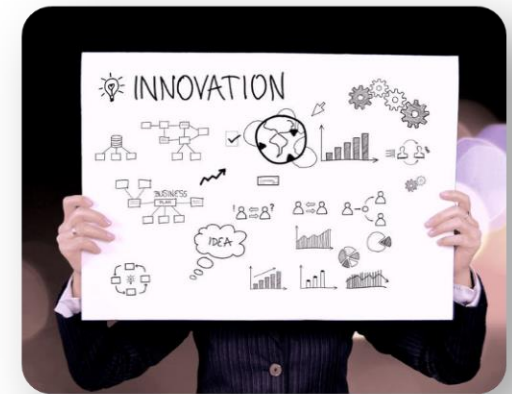
Innovation

- **Innovation** is:
  - Get ahead of the changes.
  - Promote the changes.
- **Educative** administration & Innovation.
  - Facilitate and promote innovation.
- **Continuous feedback** within innovation.
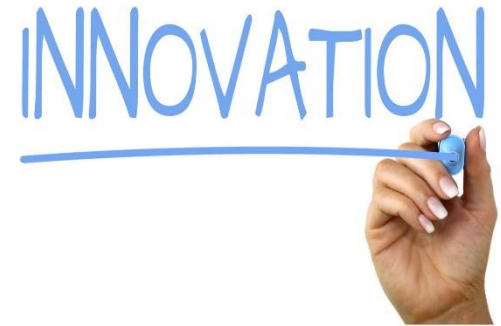
Innovation
main areas

- **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

eduemprende
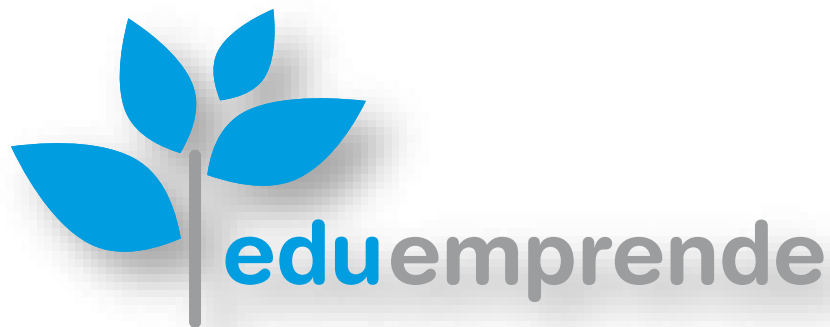
Strategic axes

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

emprende — Rede de viveiros de empresas — A solicitude de asesoramento está aberta de forma permantente

simula — Publicación proximamente dos centros participantes

actúa — IGAPE — Prazo de solicitude pechado para a convocatoria 2018-2019

atrévete — Prazo de solicitude pechado para a convocatoria 2018-2019

depoemprende — Prazo de solicitude pechado para a convocatoria 2018-2019

emprendemento en FP — Fundación Repsol — Prazo de solicitude pechado para a convocatoria 2018-2019

finanzas para mortais — Banco Santander S.A. e UCEIF — Prazo de solicitude pechado para a convocatoria 2018-2019

grand prix financeiro — Abanca Corporación Bancaria S.A. — Prazo de solicitude pechado para a convocatoria 2018-2019

medios de pagamento — Abanca Corporación Bancaria S.A. — Prazo de solicitude pechado para a convocatoria 2018-2019

superlíderes — Prazo de solicitude pechado para a convocatoria 2018-2019

lanzadeiras Miniempresas Coruña — Fundación Alcoa — Prazo de solicitude pechado para a convocatoria 2018-2019

lanzadeiras Miniempresas Lugo — Fundación Alcoa — Prazo de solicitude pechado para a convocatoria 2018-2019

avanza — Convocatoria 2018-2019 pendente de publicación

idea — IGAPE — Convocatoria 2018-2019 pendente de publicación

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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.
  - Fair: Innova FP 2017.
    - 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.

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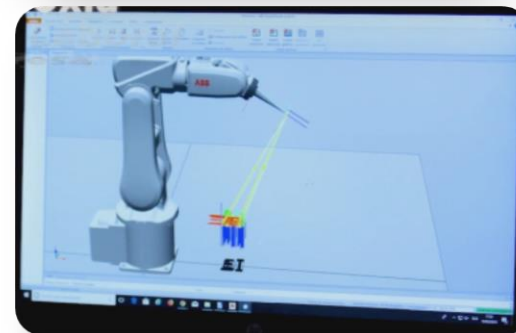CONSELLERÍA DE EDUCACIÓN, UNIVERSIDADE E FORMACIÓN PROFESIONAL

VET
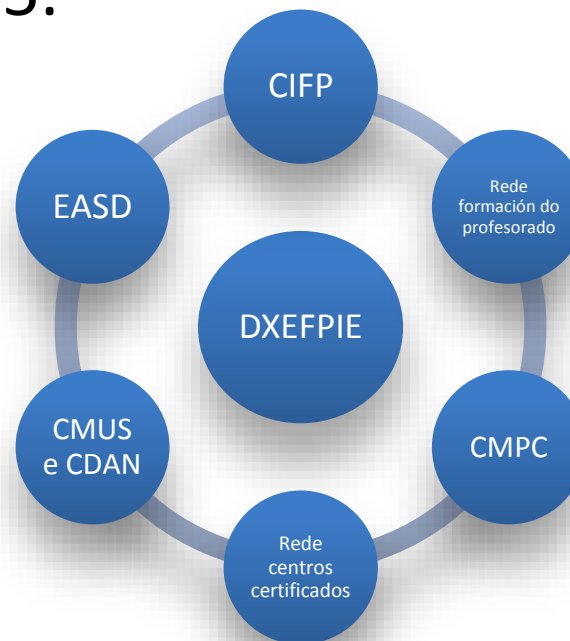## advertising

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.
  - ISO 9001/2015.

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.
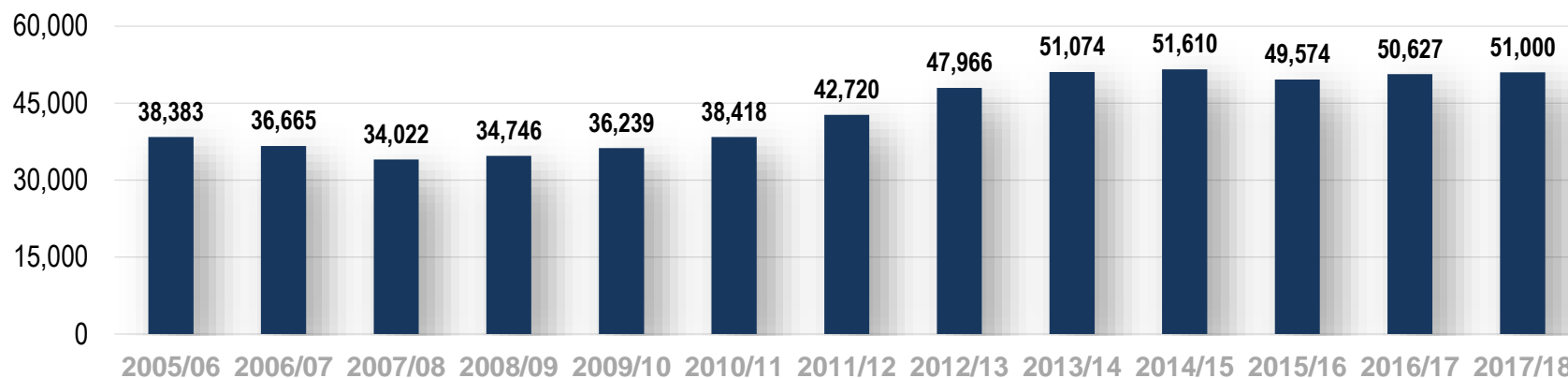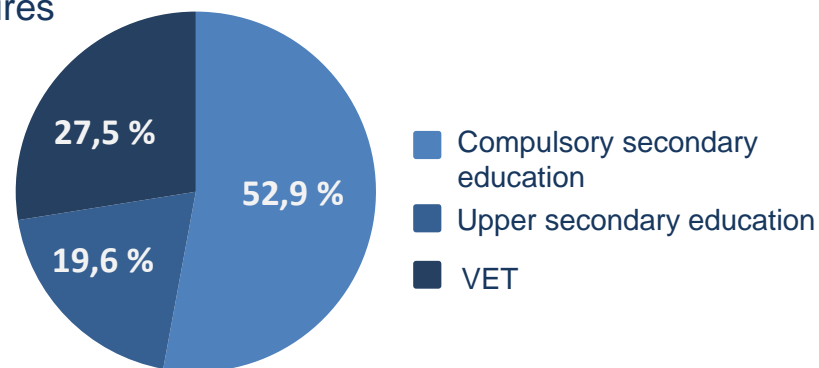 - Oriented to innovative projects.

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

Pie chart:
- 52,9 % — Compulsory secondary education
- 27,5 % — VET
- 19,6 % — Upper secondary education

Legend:
- Compulsory secondary education
- Upper secondary education
- VET

Bar chart: **VET students in Galicia**

Year	Students
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

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Thank you
for your attention

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