

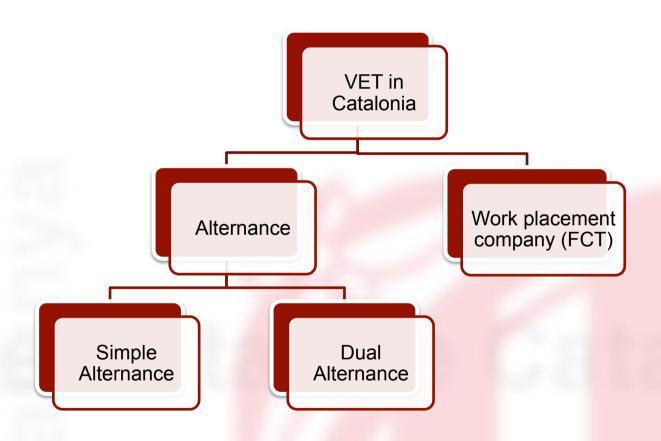
Generalitat de Catalunya

Departament d'Ensenyament

QUALITY GUARANTEE IN THE WORK BASED LEARNING IN CATALONIA

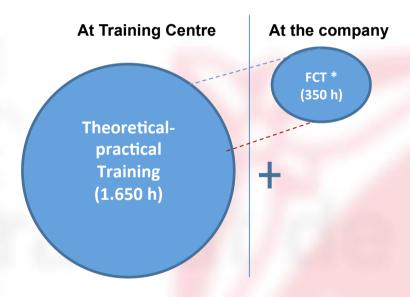
DOYOURMOB, Verona, 30th november 2017

The Catalan VET System



The Catalan VET System

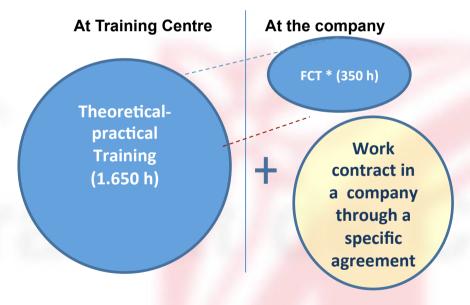
☐ FCT (Standard). Work placements with school-based training, in which the tasks are coordinated between the training centre and the company



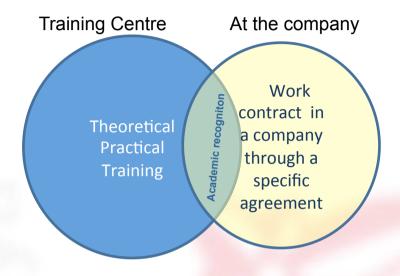
(*) Compulsory in-company training

It is a VET system alternating work placements with school-based training, in which the tasks are coordinated between the training centre and the company with the recognition of the learning outcomes acquired by the trainees during their activity in the company

Simple alternance combines the usual training time at school with a working weekly time at the company to complete the acquisition of competences in the modules and LO acquired in the TC (no academic recognition)



(*) Compulsory in-company training



- □ Dual VET System with <u>academic recognition of the knowledge acquired in a company through.</u>
 - An internship grant
 - Work contract

VET model example

Duration of training	2000 h
Enterprise-based training	350 h
Training centre	1650 h

Dual model example

Duration of training	2310 h
Enterprise-based training	970 h
Training centre	1340 h

The DUAL VET system in Catalonia: organization

✓ 1st year in the training centre

✓ 2n year:

Training centre	Company
4 hours a day	4 hours a day
3 days	2 days
1 week	2 weeks

	Students	Groups	Centres	VET qualifications	Companies
2012-2013	590	32	25	18	118
2013-2014	2.116	92	49	44	251
2014-2015	3.718	207	122	67	645
2015-2016	5.075	391	171	94	2.500
2016-2017	7.809	594	200	109	2.900
2017-2018	10.007	650	229	114	3.589



The DUAL VET system in Catalonia: organization

MoU Memoranum of Understanding

Conveni Marc

□ Company's responsibilities

- Welcome the trainee with the internship grant or work contract
- Assign an adequate work place to the agreed training tasks
- Follow up of the tasks performance and report back to the training centre

□ Training centre's main responsibilities

- Programming, organizing and coordinating the training process and recognition of the learning outcomes acquired by the trainee through work and training carried out at the company.
- Time allocation to each training module
- Assessment of the trainee's performance, both at the training centre and at the company
- Evaluation of the acquired learning outcomes
- Setting up of the actions needed to improve the trainee's competence acquisition needed correcting actions on student's training process to favour competence acquisition

Criteria for quality and effective apprenticeships

Proposal for a Council Recommendation on a European Framework for Quality and Effective Apprenticeships (Brussels, 5.10.2017)



Quality and Effectiveness



Written agreement

Pay or compensation





Learning outcomes

Social protection





Pedagogical support

Working conditions



Workplace component



Criteria for quality and effective apprenticeships



Framework conditions



Regulatory frameworks

Flexible pathways





Partnership approach

Career guidance and awareness raising





Support for companies

Transparency and mobility

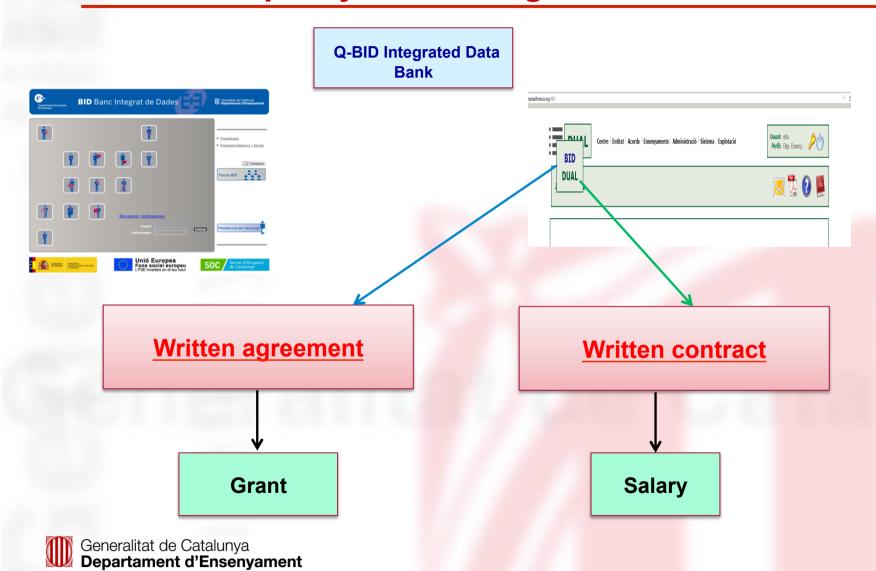


Quality assurance





Criteria for quality: Written agreement/contract



Criteria for quality: Learning outcomes

Curriculum organization of the professional **modules** and **training units** in:

- Learning outcomes (Resultats d'aprenentatge, RA).
- Assesment criteria (Criteris d'avaluació, CA).
- The contents related to each of the learning outcomes (knowledge, skills and competence).

Criteria for quality: Learning outcomes

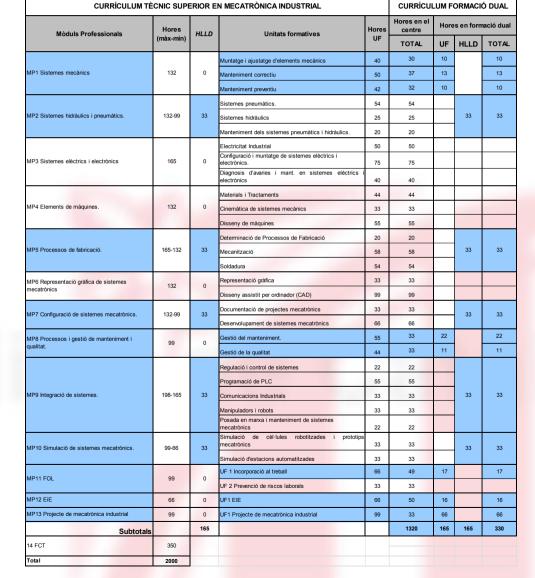
Model A. Organització i avaluació per estructura curricular

Currículum del cicle formatiu	Currio	culum del cicle formatiu en alternança amb formac	ió dual
Mòdul professional A Mínim Reial decret ¹	Hores lectives al centre docent Mòdul professional A Mínim Reial decret ¹	Activitat formativa a l'empresa (AF) HLD ² S'utilitzen per a l'AF de l'empresa les HDL	Retorn al centre docent de la valoració de l'AF ³ → Qualificació MP A
Mòdul professional B Mínim Reial decret ¹	Mòdul professional B Mínim Reial decret ¹	S'utilitzen per a l'AF de l'empresa les HLD i altres hores del MP	→ Qualificació MP B
Mòdul professional C Mínim Reial decret ¹	Mòdul professional C Mínim Reial decret ¹	S'utilitzen per a l'AF de l'empresa les hores del MP	→ Qualificació MP C
Mòdul professional de Síntesi o de Projecte Mínim Reial decret ¹	MP de Síntesi o de Projecte	S'utilitzen per a l'AF de l'empresa les hores del MP Síntesi o Projecte	→ Qualificació MP Síntesi o Projecte
MP Formació en centres de treball		MP Formació en centres de treball	→ Qualificació: Apte/No apte

Criteria for quality: Learning outcomes



Activity plan in the company





Criteria for quality: Learning outcomes (assessment)

- Monthly meetings between teacher and mentor to monitor the trainees's progress.
- Assesment based on the learning outcomes and the assesment criteria established for each training unit.
- Qbid integrated data bank provide the assessment grids to be filled by the company.
- The final assessment of the subjects will be registered by the training centre

Criteria for quality: Learning outcomes (assessment)



Learning Outcomes Assesment

Generalitat de Catalunya
Departament d'Ensenyament
Direcció General de Formació Professional
Inicial i Ensenyaments de Règim Especial

REF19/Valoració del Ouadern

VALORACIÓ DELS RESULTATS D'APRENENTATGE

Centre docent:

Nom/Cognoms de l'alumne/a:

Estudi:

La valoració es mesura de la següent forma:

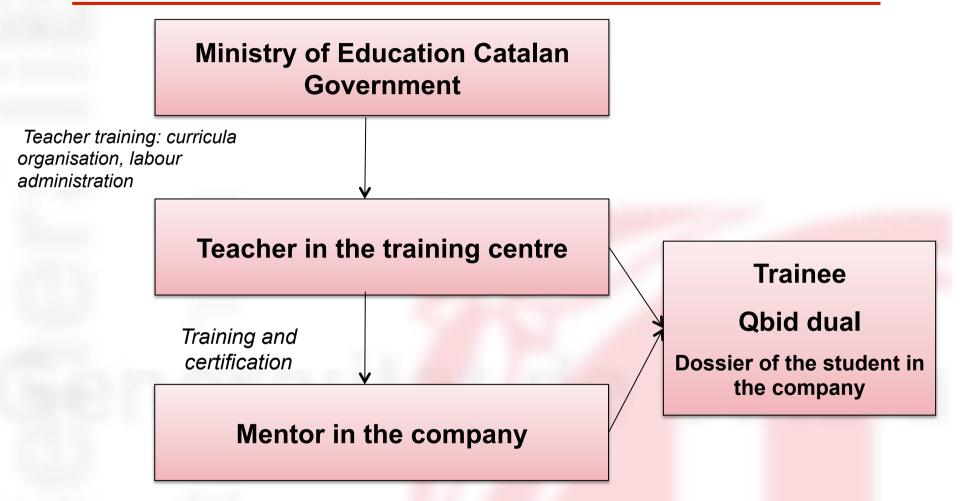
Molt bona	Bona/Bé	Suficient	Passiva	Negativa	Sense valoració

Pla d'activitats pactat.

Modul professional	Unitat formativa	Activitat	Hores	Valoració
MP03-Instal·lacions de distribució.	UF1-Centres de transformació i xarxes de distribució en baixa tensió	9Mesurament de magnituds elèctriques.	11.0h	BONA/BÉ (6-8)
MP03-Instal·lacions de distribució.	UF1-Centres de transformació i xarxes de distribució en baixa tensió	16Muntatge de canalitzacions i estesa i connexió de conductors.	201.0h	MOLT BONA (8-10)
MP03-Instal·lacions de distribució.	UF1-Centres de transformació i xarxes de distribució en baixa tensió	17Muntatge de caixes generals de protecció.	8.25h	BONA/BÉ (6-8)
MP03-Instal·lacions de distribució.	UF1-Centres de transformació i xarxes de distribució en baixa tensió	19Instal·lació i connexió de la xarxa de terra.	0.0h	BONA/BÉ (6-8)
MP03-Instal·lacions de distribució.	UF2-Instal·lacions d'enllaç	16Muntatge de canalitzacions i estesa i connexió de conductors.	201.0h	MOLT BONA (8-10)
MP03-Instal·lacions de distribució.	UF2-Instal·lacions d'enllaç	17Muntatge de caixes generals de protecció.	8.25h	BONA/BÉ (6-8)
MP03-Instal·lacions de distribució.	UF2-Instal·lacions d'enllaç	19Instal·lació i connexió de la xarxa de terra.	0.0h	BONA/BÉ (6-8)
MP03-Instal·lacions de distribució.	UF0-Dual	16Muntatge de canalitzacions i estesa i connexió de conductors.	201.0h	MOLT BONA (8-10)
MP10-Electrotècnia	UF3-Mâquines elèctriques	9Mesurament de magnituds elèctriques.	11.0h	BONA/BÉ (6-8)



Criteria for quality: Pedagogical support



Criteria for quality: Pedagogical support

Trainees' Dossier

It's an instrument to allow the trainee to reflect on his learning process and relate the LO acquired with the LO acquired in the training centre.



Description of the company

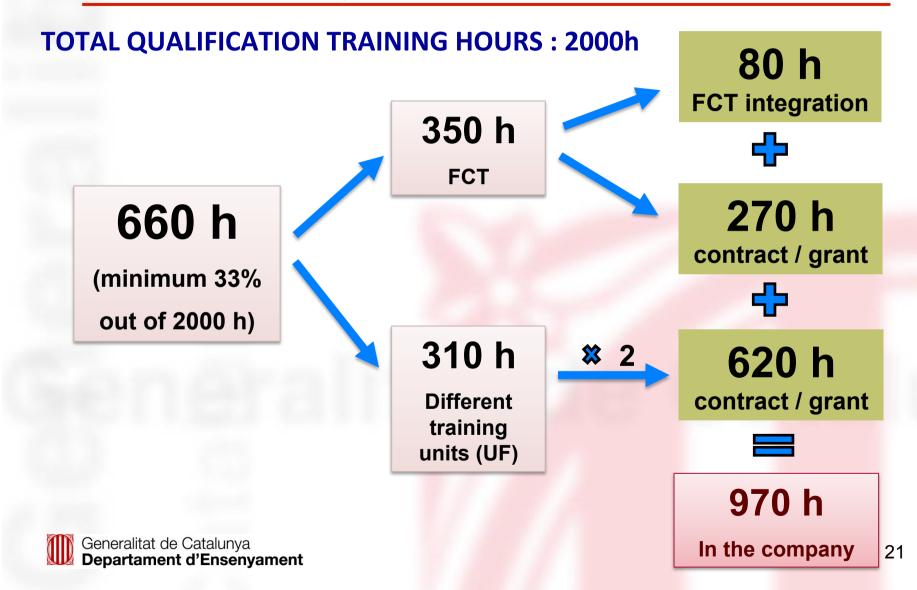
Personal expectations

Activites carried out in the company

Description of the learning outcomes acquired

Self -evaluation

Criteria for quality: Workplace component



Criteria for quality: Pay and/or compensation

Work Contract

Salary: It's established in the agreement (proportional to the time worked)

The reference index is *SMI*: 707,70€ (full time 8h/day).

> Training grant

Monthly allowance: to be negotiated between the school and the company.

The reference index is *IPREM* (proportional to the time worked) 534,87 € (full time)

Criteria for quality: Social protection

- Trainees have social security covered and public liability policy
- Trainees must have followed the unit about Labour Risk Prevention
- The company has to provide training about specific labour risk prevention
- The company has to provide protection equipment

Criteria for quality: Working conditions

Timetable

Criteria	Estàndard
Timetable	6:00 - 22:00
Daily hours	Maximum 8 h
Working days	From Monday to Sunday Maximum 6 days a week
Hours per week	Maximum 40 hours between training centre and company

Criteria for Framework conditions

CRITERIA	Instruments
Regulatory framework	Resolution ENS/1204/2012, of 25 may, organising the dual training in VET in Catalonia. Royal Decree 1529/2012, of 8 de november, establishing the bases off dual training in Spain. Resolution de 22 of june 2017 of approval of the documents for teh organisation and management of VET centres for 2017-2018
Partnership approach Involvement of social partners	Monitoring Committee of the MoU
Support for companies (cost-sharing)	Reduction in Social Security Mentor training provided by TC

Criteria for Framework conditions

CRITERIA	Instruments
Flexible pathways and transnational mobility	Flexible training adapted to each company's situation. Difficult to organise transnational mobility!!
Career guidance and awareness raising	Territorial Network of TC to get support from Departament d'Ensenyament Criteria for selection of trainees (TC+Company+trainee)
Transparency	MoU are published in the website of the Generalitat de Catalunya
Quality assurance and graduate tracking	Homologation of companies Qbid Monitoring Committee Insertion studies (after 6 months and after 5 years of
	graduation)

Dual VET System Added Value

- □ Increase of trainee's employability due to a greater contact and knowledge of the world of labour between trainee and company (labour insertion 20% higher)
- The company becomes actively involved in the training of their prospective future workers
- ☐ Improvement of social inclusion and opportunities for trainees
- Advantages for the company
 - Direct knowledge of trainee's potential, which might help the company when replacing retired staff
 - Training at the company with own equipment, processes, values...
 - Increase of the company's potential thanks to new opportunities and the improvement of the staff's work competence and qualification
 - Greater adaptability of the qualifications of the labour market
 - Incorporation of new trainees in the in-service training scheme so that both the trainees and the unqualified company staff, can obtain the academic recognition of this training
 - **.**..



To be improved

- International mobility in dual training
- Involvement and recognition of teachers
- Access of more VET students and companies to Dual training
- Improve women access to industrial qualifications
- Specific labour contract for DUAL training