



FABRIKAZIOAREN
ZENTRO AURRERATUA
CENTRO AVANZADO
DE FABRICACIÓN



Universidad
del País Vasco

Euskal Herriko
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INTERNACIONAL



QUALITY ASSURANCE OF WORK BASE LEARNING

2019 june 11



• Who we are

The IMH, Machine Tool Institute is and **advanced centre in manufacturing**, which offers specialised training in advanced manufacturing, and innovation services for SMEs.

It offers **flexible timetables** directed to **employment** and prioritises the **dual engineering** model.

- ✓ Flexible and integrated training offer
- ✓ Specialised advanced manufacturing offer
- ✓ Dual engineering offer
- ✓ Offer directed to employability



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UNIBERTSITATE ESKOLA
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■ Dual Engineering University School

■ **Vocational Training** in mechanical manufacturing and maintenance.

■ **Training for Employment**: Continuing Training and Occupational Training in different formats.

■ **TKgune**: Technology transfer and projects for SMEs.

■ **Education technology transfer** with the machine tool sector.

ESSENCE

Focus on the improvement of the **SKILLS** of people and companies.

Meeting training **NEEDS** of the cluster.

LEADERSHIP in innovation in the learning process and in applied innovation.

PROFESSIONALS with technical, methodological and scientific competences.

Cutting-edge **EQUIPMENT**.

PUBLIC-PRIVATE model that favours the development of the socio-economic setting.



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Leadership and experimentation in DUAL TRAINING

- COMMON strategy with companies and institutions.
- IMH Dual Engineering since 1996.
- Promoters of the first vocational training programme (IKASI ETA LAN), active participants in the 2nd programme.

Dual Engineering University School

24 years of history

- 1995-strategic reflection: “offer tailor-made higher education to meet company needs”
- 22/07/1996: IMH-CESI agreement
- 1996: first graduates of “Ingénieur Généraliste par la voie de l'Apprentissage”
- 2004 Adjustment to Bolonia / Approved by CTI
- 2011 Attached to the University of the Basque Country



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Dual Engineering University School

Characteristics

- **METHODOLOGY** adjusted to professionalisation (best transition into labour market).
- **UNIQUE** training **PROJECT** divided into two coordinated, supplementary and interactive training environments.
- It demands an **ADEQUATE** relationship **STRUCTURE** between the **university**, the **students** and the **company**.
- It entails a structured and organised **MONITORING** of the general process.
- It implies a competent and valued **TUTORIAL** (tutorial of the company and tutorial of the school)



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Dual system, company / IMH

4 years of training (240 ECTS)

Mon,Tue,Wed: Company. Thu, Fri, 1wed a month : IMH

50 students per course

50 % working in a company / 50 % IMH

Part- time contract



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Integration

Responsabilities

Development

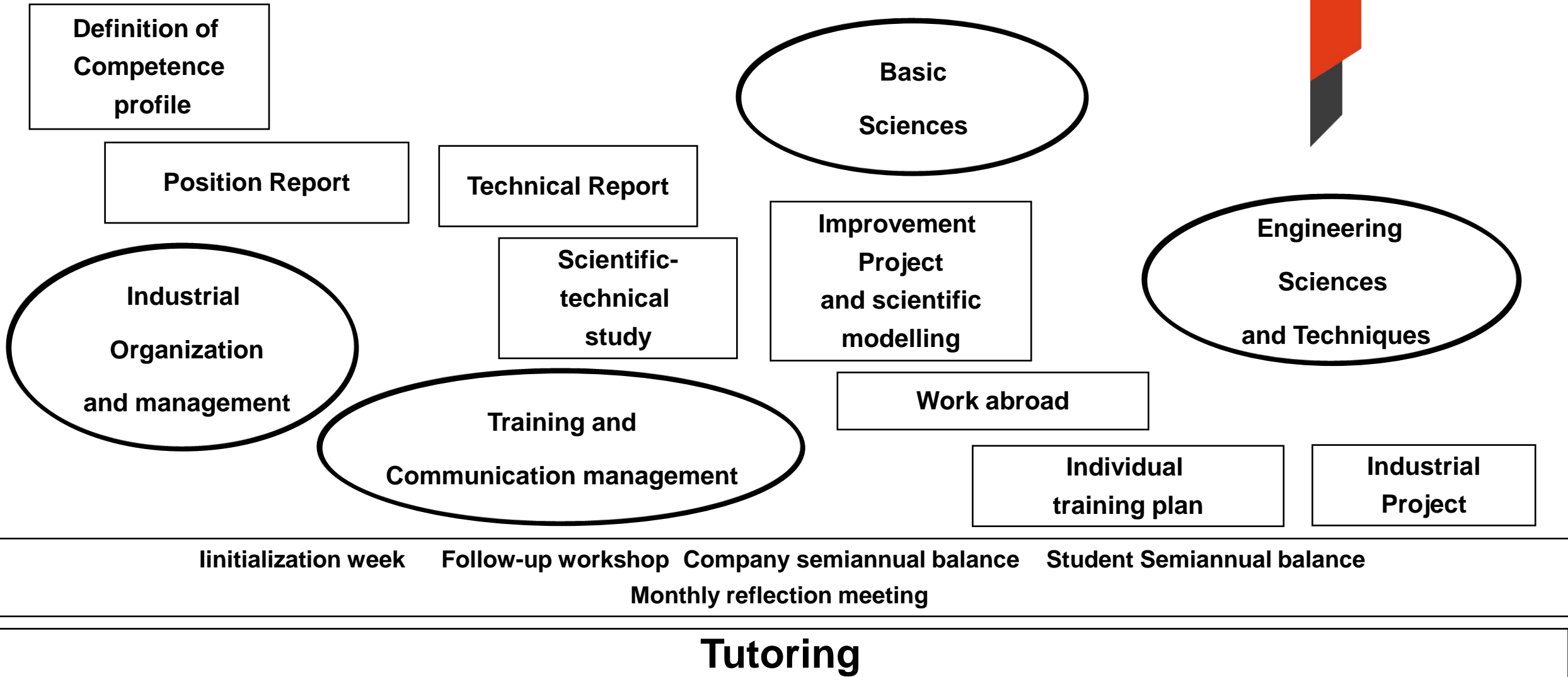
Basic Training

Technologic Training

Industrial Training

Work abroad

Final year projects



ACTIVE METHODOLOGIES

Moodle

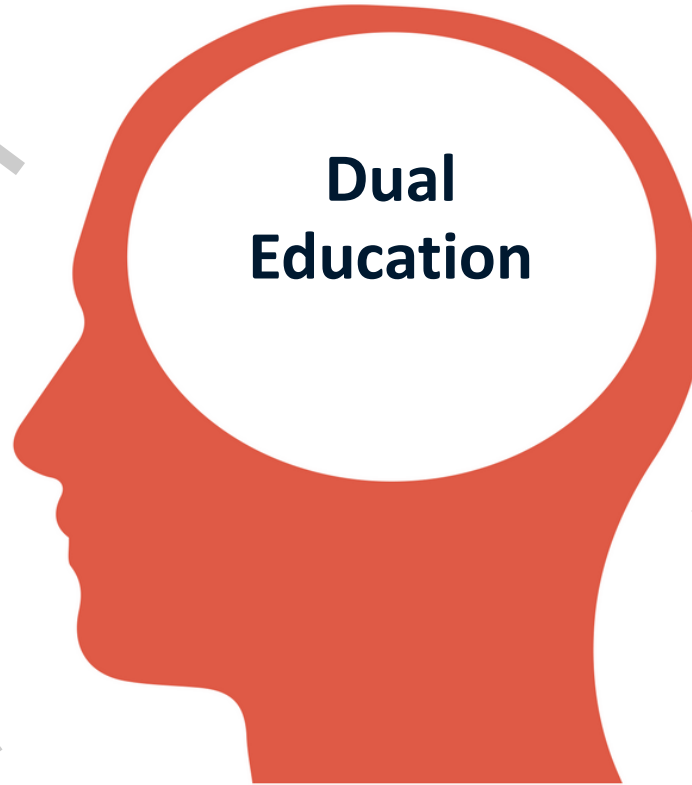
PBL

Evaluación
continua

Dual
Education

Aula invertida

Portfolio



UNIVERSITY MASTER DEGREE DIGITAL MANUFACTURING



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Dual system, company / IMH

2 years of training (90 ECTS)

Modular

20 students per course

50 % - 80 % working in a company

Part- time contract



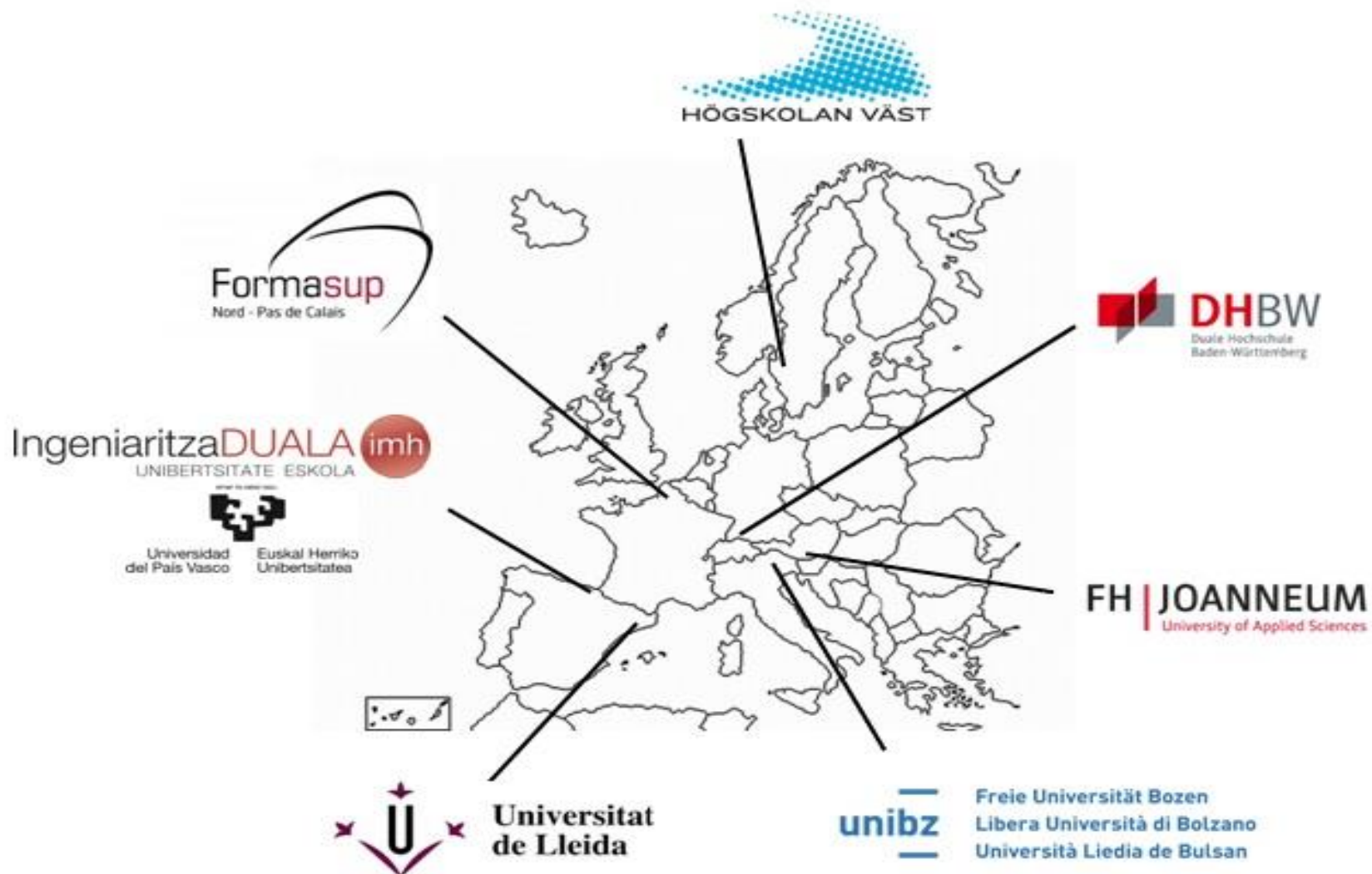
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ESKERRIK ASKO!
THANK YOU!



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**PROYECTO
EMPRESARIAL
+
PLAN DE
ESTUDIOS
=
INGENIERO/A
FORMADO
A MEDIDA**

