

# The learning outcomes methodology

Case of plumber qualification EQF level 3 (ministry in charge of education)

# The dissociation of elements

Three elements : The curricula are only a part of the process and come in the end

This dissociation is described in an official text:

- Description of the Professional activities
- Description of the standard of assessment
- Period of training in firms
- Definitions of the examinations and of the modalities of evaluation

# Why?

- The core activities may be the same
- The context of activities may change
- If the context changes, the assessment and the way the competences are evaluated may change.

# Learning outcomes: the field of activities

- As it is for VET, the activities are described in the working context:
- (description of the field, the number of people working in the field( 60 500 people)
- and what is done : 34% installation of new devices and 66% in service of machines. (based on official statistics).
- A description of the way people can work : as employees or in their own
- The evolution is described : new energies, geothermal solutions..this is done with the participation of employers and employees

## LO: description of activities

- Description of activities and the autonomy (depending on the device, of the category of installation..)
- The activities are described in terms of tasks (for instance : task: preparation /organisation –name-: one activity organise the work station..verb) the results of the activities are also described
- Also done with stake holders

# LO: competences

- The different tasks require « competences » (larger than only skills), expressed by verbs (to control, to put in service...)
- These « competences » are gathered into units which will be evaluated
- The standard of assesment is based on these competences and the correspondance in terms

# Example of a part of the standard of what is assessed

- **PRÉSENTATION DES CAPACITÉS GÉNÉRALES ET DES SAVOIR – FAIRE**  
(presentation of general capacities and know-how)
- Example: to inform oneself C1 1) give and receive information
- Inform C1 2) gather information
- C 3) write informations
- Of course, this is described but afterwards, in terms of tests either written or oral

# LO Knowledge

- Knowledge is considered in terms of « associated knowledge »
- This means that what is the most important is the technical skills
- But as the ministry wants to promote the evolution , some basic knowledge will be checked (for instance maths and sciences)  
*.This can be different for plumber certifications from other organisations.*