



# EWF 25<sup>TH</sup> ANNIVERSARY

13 - 17 NOVEMBER 2017

OEIRAS, PORTUGAL

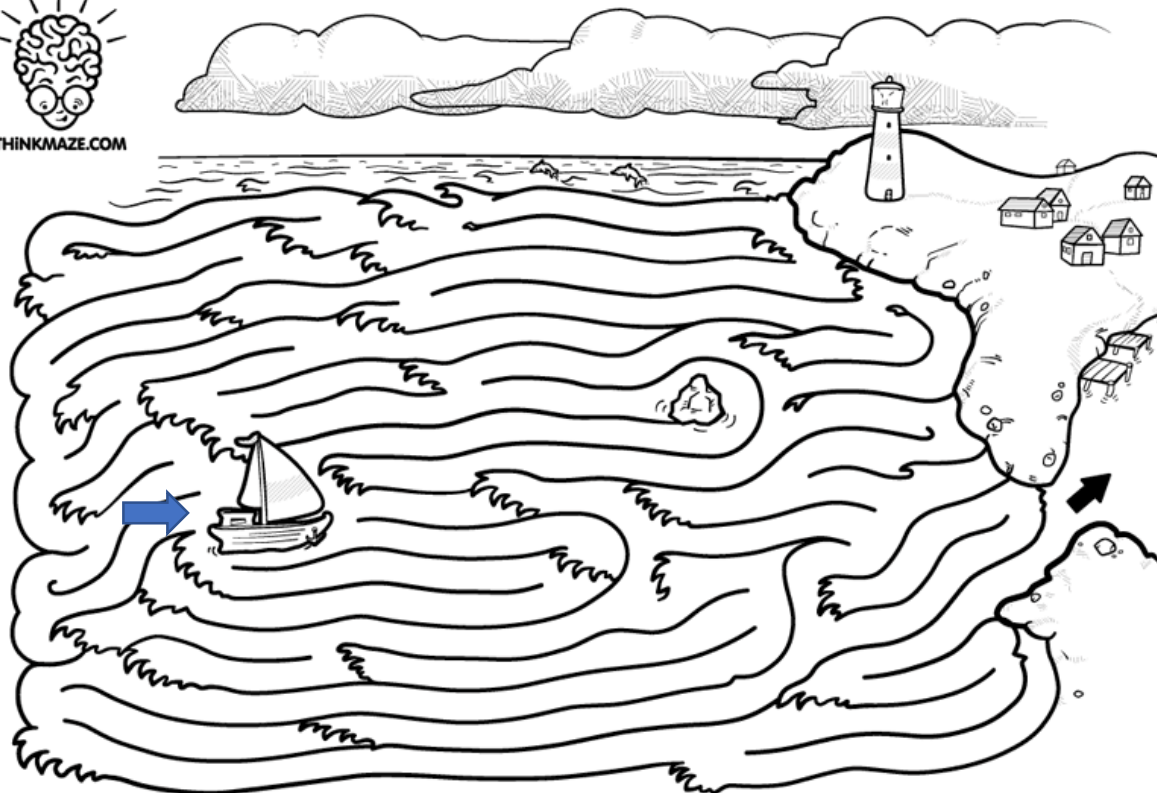
# WELC ME



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# A sailing Journey





# A methodology for writing Learning Outcomes



**RELATING INTERNATIONAL  
QUALIFICATIONS TO THE EQF IN  
THE WELDING SECTOR**

**Development of a methodology to align  
all International Welding  
qualifications to the EQF level from 2-7**



# EWF Qualifications



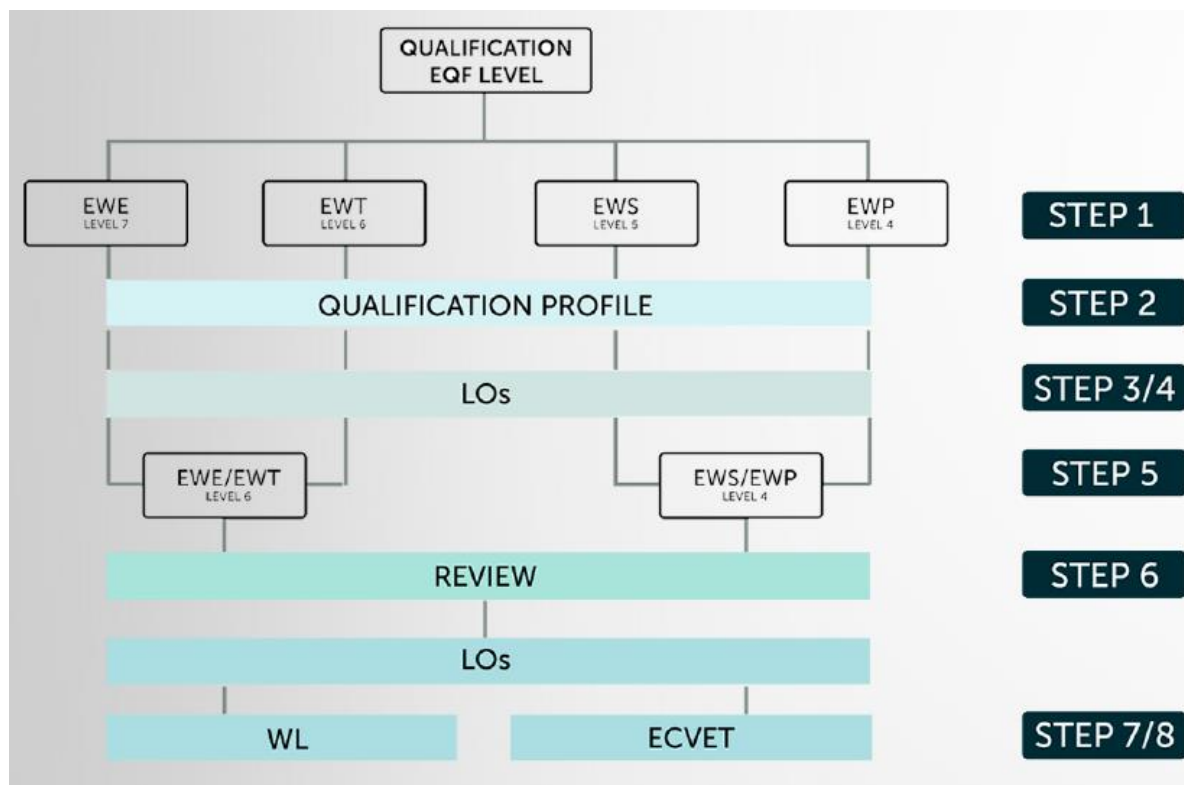
**Colour legend:**

- Possible access (if other access conditions are also met)
- Direct access

# Professional standards vs learning outcomes

Cross-reference table of professional standards vs expected learning outcomes								
Profiles & Construction complexity				Tasks and responsibilities	Competence Units of Learning Outcomes			
EWE	EWT	EWS	EWP*		1	2	3	4
Any type of construction	Low level	Regular and common	Basic specific works		Welding processes and equipment	Materials and their behaviour during welding	Construction and design	Fabrication, applications engineering
x	x	x		1. Review contract requirements;	x	x	x	x
x	x	x		2. Perform and technically review the construction;	x	x	x	x
x	x	x		3. Specify requirements and assessment protocol of subcontracting activities;	x	x	x	x
x	x	x	x	4. Specify, supervise and manage welding personnel; Supervise and monitor welding personnel; *				x
x	x	x	x	5. Specify, validate and manage the means and equipment, including the calibration, if needed; Understand and supervise the proper means and equipment needed for the construction; *	x			x
x	x	x	x	6. Specify, develop, validate and manage a production plan; Monitor and implement a production plan; *	x	x	x	x
x	x	x	x	7. Specify, develop, evaluate and manage the welding procedures needed; Understand and implement welding procedures needed for the construction; *	x	x		x
x	x	x	x	8. Specify, develop, evaluate and manage welding procedure specifications; Understand and implement welding procedure specifications; *				x

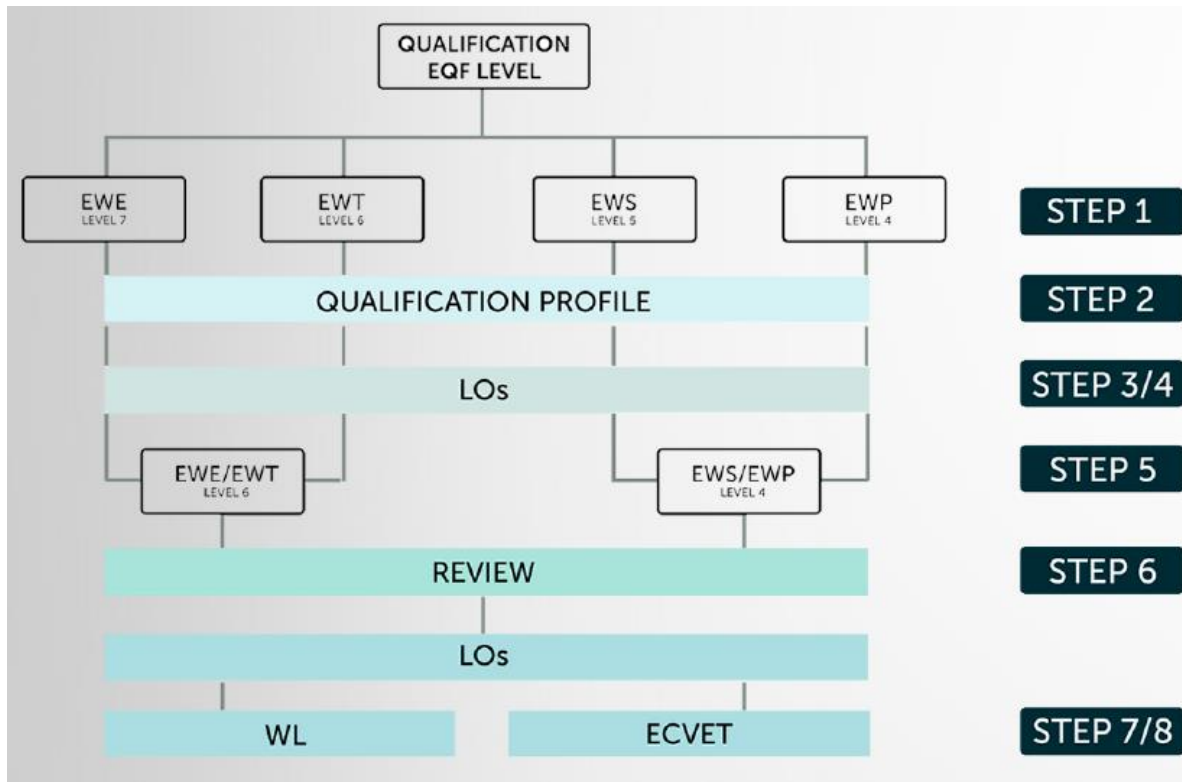
# EWF strategy to write learning outcomes



# Action verbs

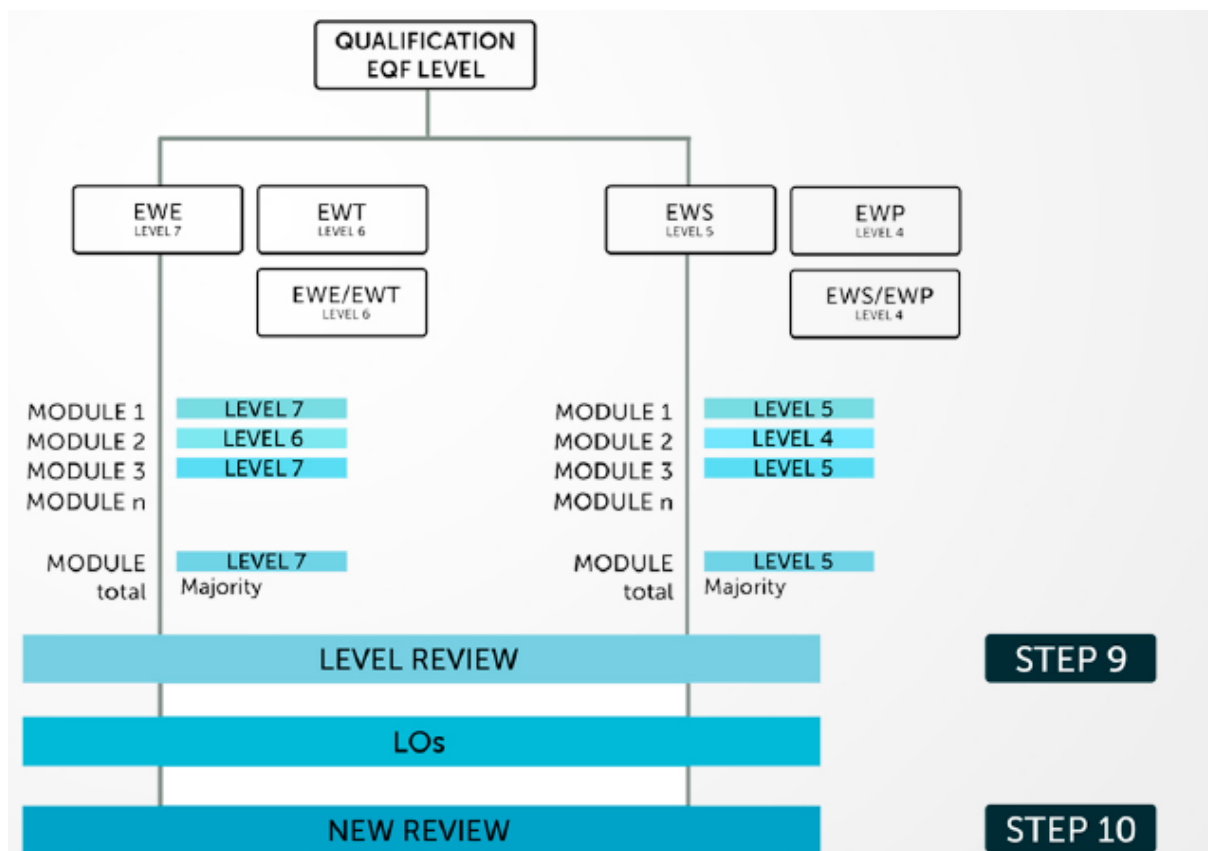
Qualification	EQF Level	SKILLS	WL (hours)
EUROPEAN WELDING ENGINEER	6/7	<p>Preferential verbs: Exemplify, compare, explain, infer, relate, produce, check, assess, criticise, judge, apply, make use, predict, discuss, solve, create, decide</p> <p>+ add: in detail, critically</p>	
EUROPEAN WELDING TECHNOLOGIST	6	<p>Preferential verbs: Exemplify, compare, explain, infer, interpret, relate produce, check, assess, criticise, judge, apply, make use, conclude, differentiate, adapt, decide</p>	
EUROPEAN WELDING SPECIALIST	4/5	<p>Preferential verbs: List, describe, classify, correspond, associate, identify, organise, check, categorise, select, respond, choose</p>	
EUROPEAN WELDING PRACTITIONER	4	<p>Preferential verbs: Recognise, outline, recall, define, correspond, associate, identify, check, organise, use, carry out, categorise, choose</p> <p>+ add: most common, simple / basic</p>	

# EWF strategy to write learning outcomes

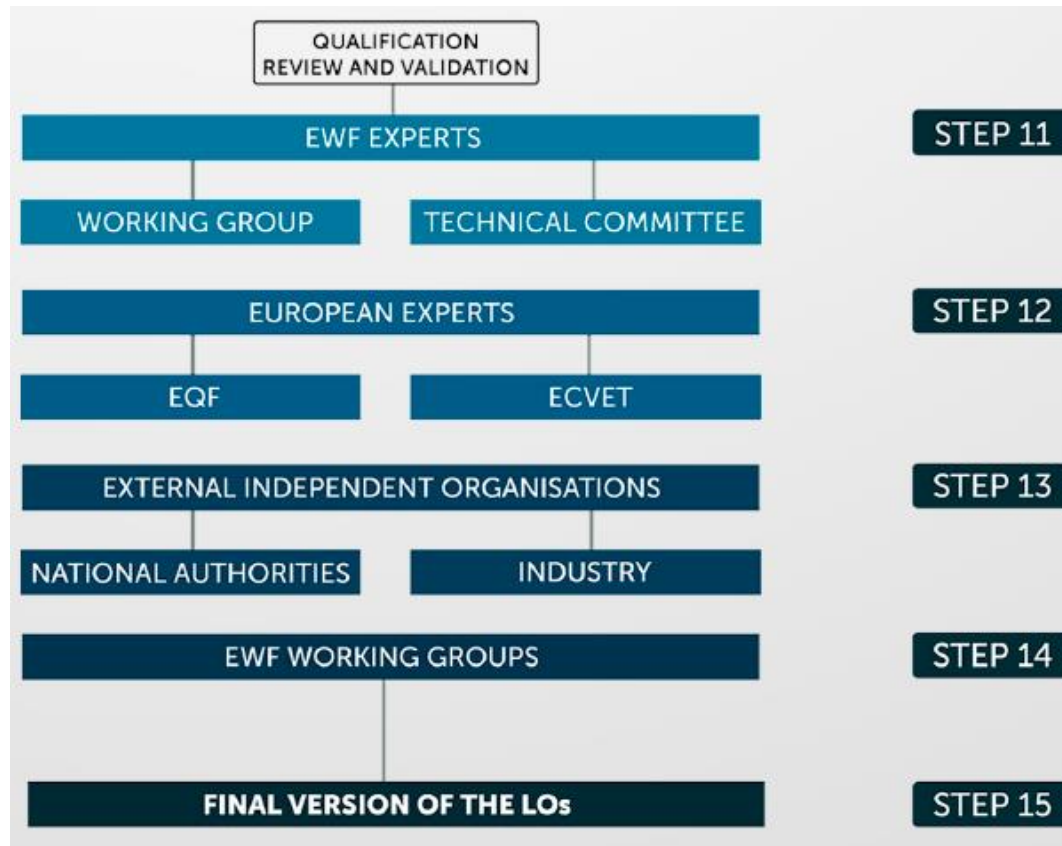




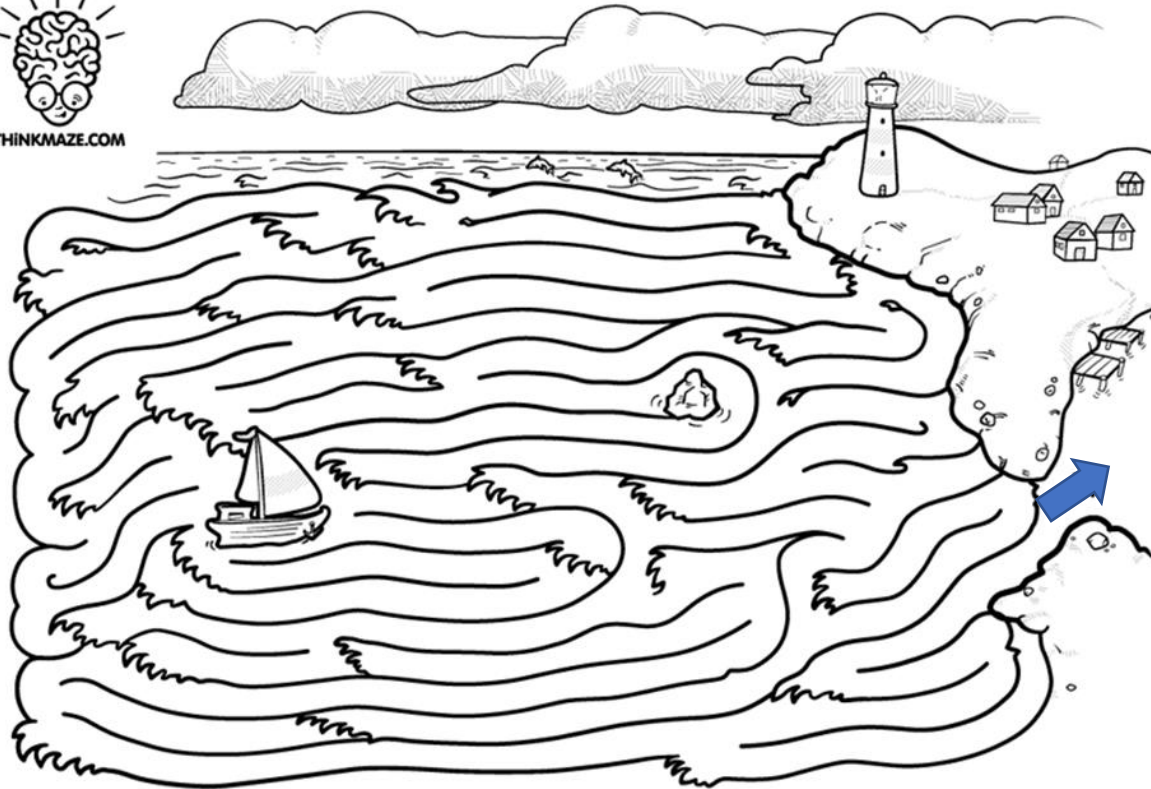
# EWF strategy to write learning outcomes



# EWF strategy to write learning outcomes



# The lighthouse and the way to the harbour



**THANK  
YOU  
FOR YOUR CONTINUOUS  
SUPPORT**



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