

Implementation of the legislation on mutual recognition of professional qualifications for architects and engineers

Recognition of previous learning for engineers

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- Qualification Framework and recognition of previous learning
- EU Status on validation of nonformal and informal learning
- Status in Macedonia on recognition and validation of nonformal and informal learning
- Methodology of recognition of previous learning
- Survey from certified trainers for validation of nonformal and informal learning
- Conclusions



Qualification Framework

RECOGNITION OF PRIVOUS LEARNING is: Part of the life-long learning concept New approach of certification of skills

GOAL To obtain the equal Diploma/Serificate without attendance of training and for shorter time

FORMAL LEARNING

Accredited education program

Diploma

PRIVOUS LEARNING

NONFORMAL LEARNING

Defined education programme

Diploma/Serificate

INFORMAL LEARNIG

Self-directed learning or learning from experience

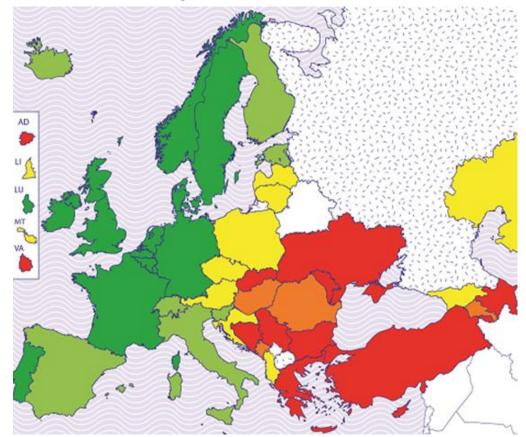
Not Diploma/Sertificate



Macedonian engineering week Skopje 18/10/2017

EU Status on validation of nonformal and informal learning

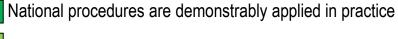
2012- EU Council recommendations: not late than 2018 - EU Member States to enable individuals to obtain full or part of qualification through validation of previous learning



2012*	2009**
13	19
7	4
11	9
4	10
12	6

*) BFUG Questioner

**) Rouhvagers Deane and Powels



National procedures are not demonstrably applied

National procedures are not applied

Work at drawing up national procedures



No national procedures for recognition

Not data available

Status in Macedonia - Metrology for RVPL

METHODOLOGY

for recognition and validation of nonformal and informal learning







Prof. Hristina Spasevska Ass. Prof. Lihnida S. Georgievska

BUILD UP Skills BEET - Builders' Energy Efficiency Training

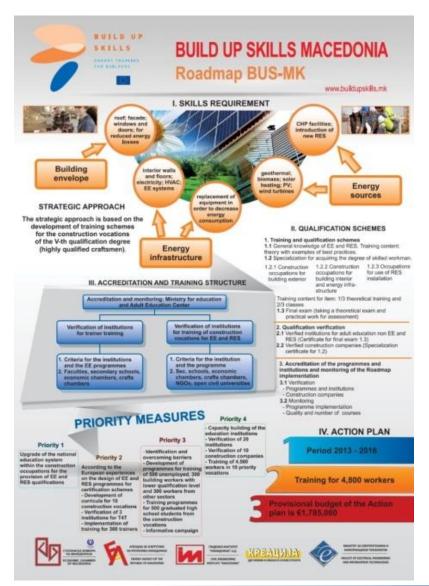
IEE/13/BWI/682/ SI2.680171 -Intelligent Energy Europe



Проектот е финансиран од Европската Унија This project is funded by The European Union



Project BUILD UP Skills BEET



Builders' Energy Efficiency Training

IEE/13/BWI/682/ SI2.60171 – Intelligent Energy Europe

RESULT

Methodology for recognition and valorization of nonformal and informal learning

OUTCOME

200 trained and certified trainers for recognition and valorization of nonformal and informal learning in energy efficiency



Metrology is recognized by...



Република Македонија Министерство за образование и наука



Република Македонија ЈУ ЦЕНТАР ЗА ОБРАЗОВАНИЕ НА ВОЗРАСНИТЕ

"Roadmap foe implementation of the system for validation of nonformal and informal education in the Republic of Macedonia " (2015-2017) C1-ETF CTP-QUALF WP16-40-18 QUAL / EU Funded Project Centre for Vocational Education, Education & Training Foundation (ETF)

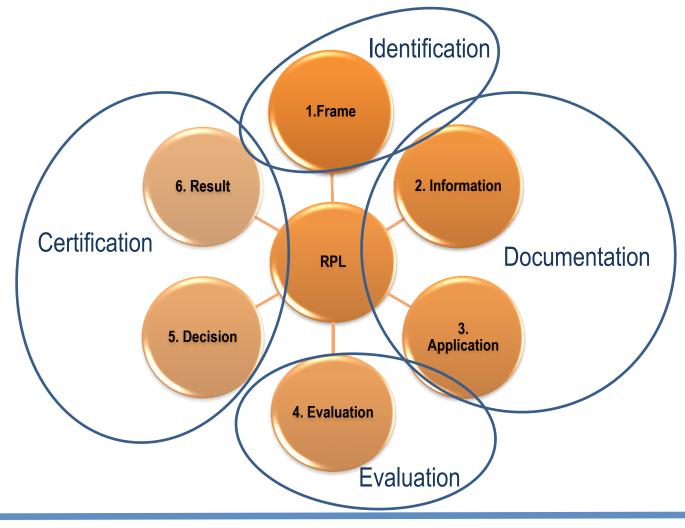
"Further Improvement of the System for Development and Implementation of the National Qualifications Framework" (2016-2017) MK 13 IPA SO 02 15 (MK 13 IB SO 02) / EU Funded Twinning Project Ministry of education and Science of the Republic of Macedonia, Poland, England, Croatia





Phases for recognition of previous learning

Six phases comparable to ETF recommendations for 4 stages



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Phases for recognition of previous learning

FRAME	Defining learning outcomes that are subject of recognition, as well as level of qualifications, creation official body for certification		
INFORMATION	Information release, call publication, promotion of the process, attraction of target groups		
APPLICATION	Fulfilling Application form, collecting and submitting proofs for competences		
EVALUATION	Theoretical test Interview Practical exam		
DECISION	Positive/negative decision		
RESULT	Certificate for qualification Partial (modular) training/full training		



Portfolio content



2 Statement/proof for working experience

3 List of proofs for competence:

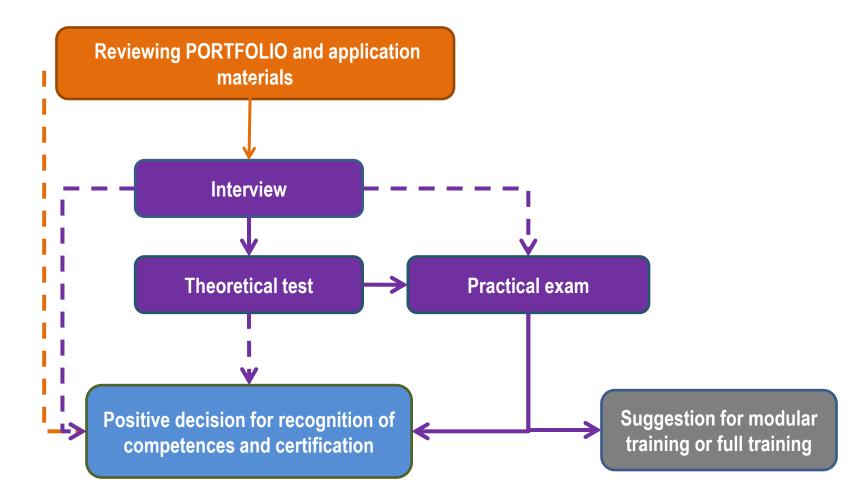
- Certificates from previous non-formal training
- Proofs for working experience
- Referent list of projects
- List of skills
- List of working tasks and chores
- Photo and video material

4 Agreement for involvement in recognition



Phases of evaluation and certification

All paths are possible to certification!!





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Training

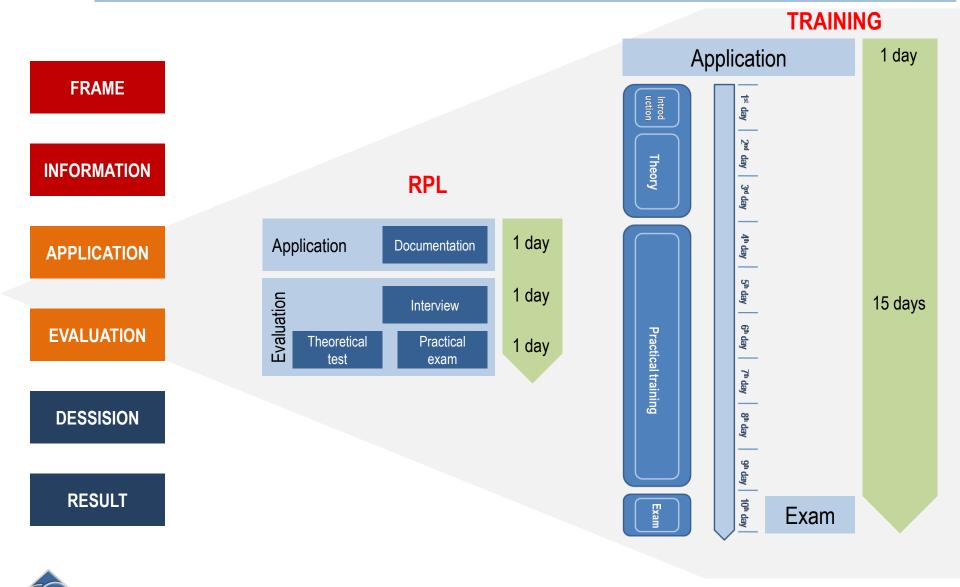
For candidates who <u>don't meet</u> the requirements for certification through recognition of previous learning



Introd uction Theory	Practical training	Exam
uction		



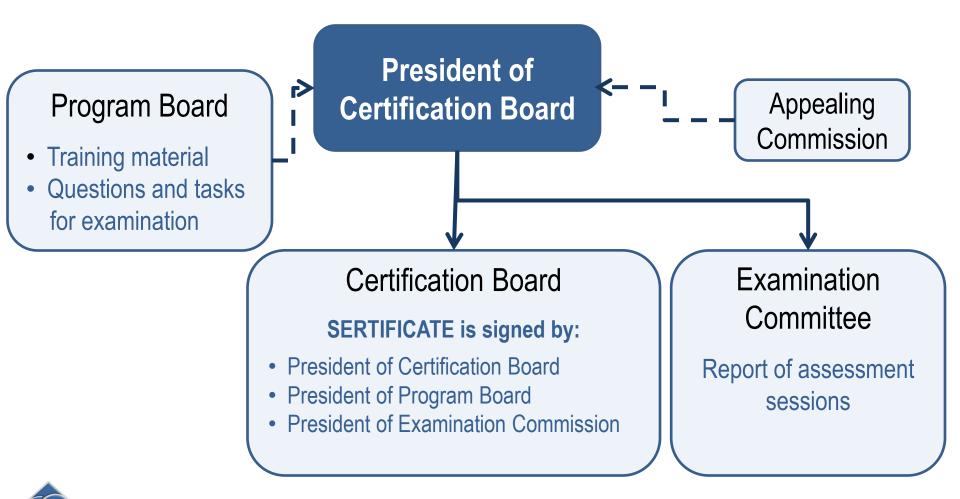
Recognition of previous learning timing



Certification Body structure

Quality control & Quality assurance :

Certification Body is organized according to EN ISO/ICE 17024:2004



Certificate

Обука на градежните работници за енергетска ефикасност BUILD UP Skills BEET - Builders' Energy Efficiency Training BUTLD



Обука на градежните работници за енергетска ефикасност 🧹 BUILD UP Skills BEET - Builders' Energy Efficiency Training



CEPTHOPHKAT CERTIFICATE

на / to

МЛАДЕН MLADEN



	ДОДАТОК НА СЕРТИФИКАТ		CERTIFICATE SUPPLEMENT
	Инсталатер за греење, ладење и вентилација, о вештини за имплементација на мерки за енергетска ефикасност		r Installer of systems for heat, ventilation and conditioning, with skills for implementation of energy efficiency measures
COJ	ФЖИНА НА ПРОГРАМАТА ЗА ОБУКА	TRA	AINING PROGRAMME SUMMARY
1.	Енергетска ефикасност и обновливи извори на енергија во високоградбата	1.	Energy efficiency and renewable energy sources in building sector
2.	Преплед на опремата, материјалите и системите за греење, ладење и вентилација	2.	An overview of the equimpment, materials and systmesforHVAC
3.	Практична настава за монтирање на опрема и системи за греење, падење и вентипација	3.	Practical training for installing of an equimpmentmaterials and systmes for HVAC
4.	Практична настава за експлоатација и одржување на опрема и системи за греење, ладење и вентилација	4.	Practical training for exploitation and maintenance of equimpment, materials and systmesforHVAC
5.	Практична настава за подно, зидно и таванско греење и авадукт системи	5.	Practical training for floor, wall and ceiling heatingand avaduct systems
- (Teo	метраење на програмата: 80 часовн рија 24 часа, практична настава 48 часа оверка на знаењата 8 часа)	1000	ining duration: 80 training hours ory 24 hours, practice 48 hours and ex am 8 hours)
	СКНАТИ ЗНАЕЊА, ВЕШТИНИ И		QUIRED KNOWLEDGE, SKILLS AND

КОМПЕТЕНЦИИ		PROFESSIONAL COMPETENCES	
1.	Општо знаење за енергетска ефикасност и обновливи извори на енергија во високоградбата	r	Jeneral knowledge for energy efficiency and enewable energy sources in building sector Jeneral knowledge for an equimpment,
2.	Општо знаење за опремата, материјали и системите за греење, ладење и вентипација		n aterials and systm esfor HVAC Skills for installing of an equimpm ent materials
3.	Вештини за монтирање на опрема и системи загреење, падење и вентипација		ind systmesforHVAC Skills for exploitation and maintenance of
4.	Вештини за експлоатација и одржување на опрема и системи за греење, падење и		quimpment, materials and systmes for HVAC

Претседател на испитна комисија/

Chairman of Examination commitee

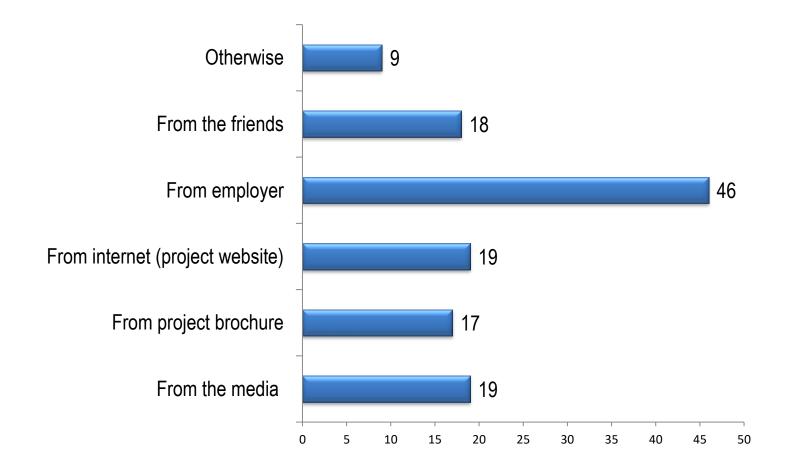
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вентипација

IEE/13/BWI/682/ SI2.680171 - Intelligent Energy Europe



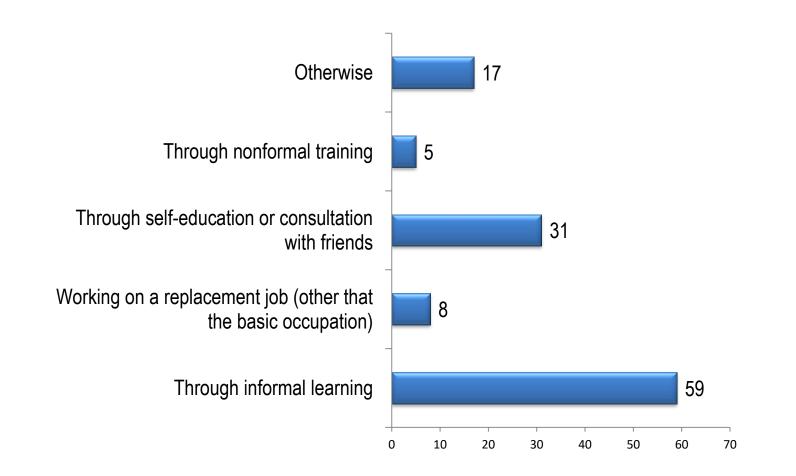
How did you learnt about recognition and validation of prior learning acquired in non-formal and informal education?



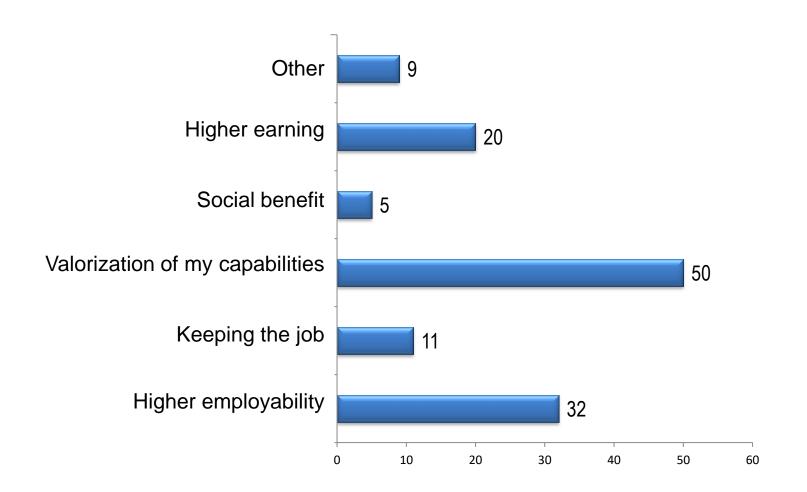


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How do you obtain your professional qualifications that are subject of recognition and validation?



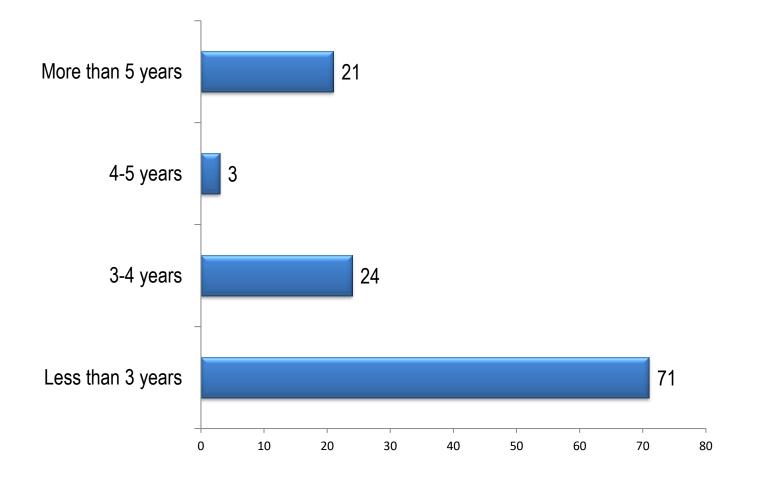
Way you decide to involve in the process of recognition of previous learning?





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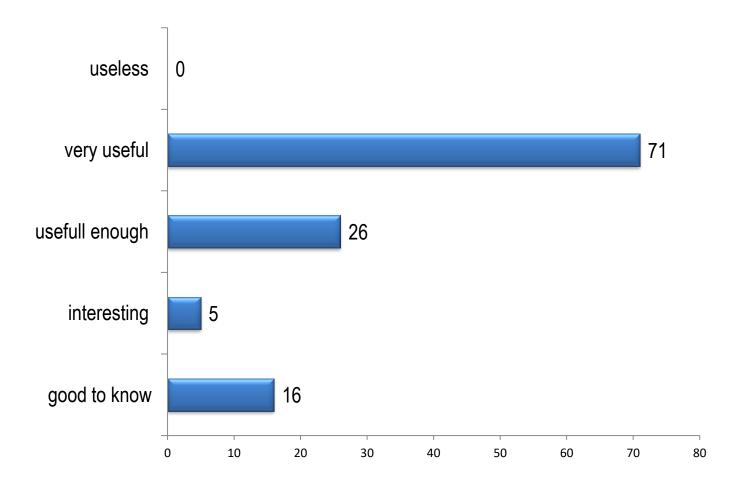
How much time was required to gain the knowledge, skills and competencies that are subject to recognition and validation?





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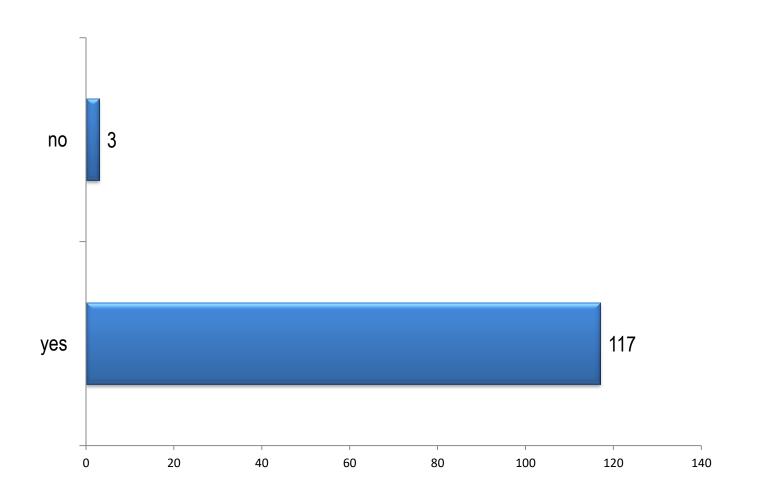
How do you evaluate this opportunity offered by the project?





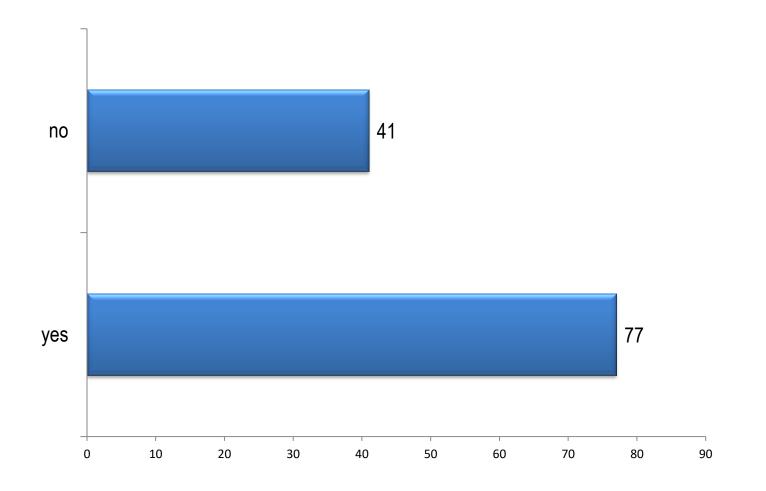
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Were the information about the process of recognition and validation sufficient and clear?





Are you interested for recognition and validation of another qualification?





Conclusions

- Recognition of prior learning is new approach of certification of skills and offer:
 - social recognition and/or validation of knowledge and competencies acquired outside the formal education system,
 - opportunity to gain certification for a complete qualification, or only for separate defined parts of a formal qualification,
- Duration of certification by RPL is short vs. training.
- The received certificate is identical to the certificate of training,
- RPL is avoiding unnecessary training, loss of time and expenses.



Thank you for your attention.....



BUILD UP SKILLS

ENERGY TRAINING FOR BUILDERS



BUILD UP Skills BEET



Macedonian engineering week Skopje 18/10/2017