

PROF / TRAC

PROFessional multi-disciplinary TRAining and Continuing development in skills for NZEB principles

PROF/TRAC: Open Training and Qualification Platform for nZEB Construction & Renovation





WHAT IS OUR OVERALL GOAL?:

Overall goal of PROF-TRAC is to offer a solution for these barriers by developing and maintaining an Open Education Platform for Continuing Professional Development for professionals in the building sector.

This platform addresses technical experts, architects and managers.

The developed **European qualification scheme** will be part of a life- long-life learning process for continuing development and up-skilling of professionals.







THE OVERALL APPROACH OF PROF/TRAC:

The overall approach is based on the following four pillars:

- The use of **successful structures for mapping** of present and needed qualifications and identifying the current skills gaps.
- An efficient use, adaption and implementation of existing training structures, training materials and qualification schemes to come to a direct and swift implementation of the action.
- The direct involvement of the most important European umbrella organisations for the sectors addressed to gain an EU-wide support from concerned professional branches and to ensure the sustainability of the action after the project duration.
- A quick and efficient start of a central train the trainers program
 to create 'ambassadors' who can initiate and organise the
 national training programs and can train the trainers on national
 scale and who are able to create a 'snowball effect'



BuildUp Skills

IDES-EDU Powerhouse

REHVA ACE Housing Europe

members as national training providers







WHO ARE WE?:

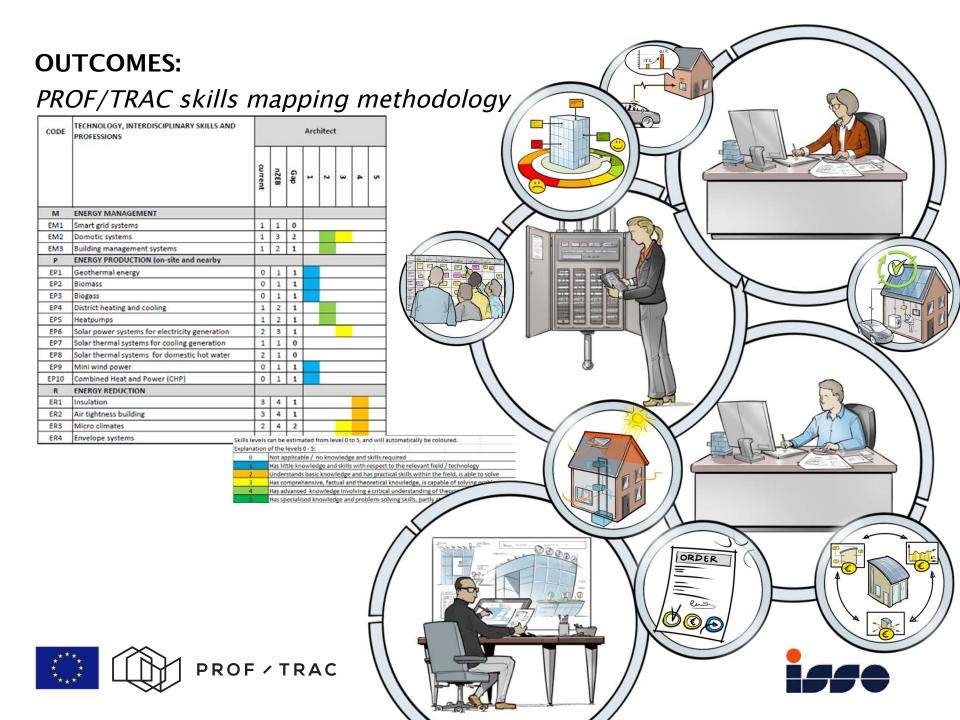
The PROF/TRAC consortium

Parti	cipant No	Participant organisation name	Country	Role		
1	Huygen	Huygen Installatie Adviseurs	HIA	NL	Coordinator	
2	REHVA Federation of Verification and As Conditioning Association in Assoc	Federation of European Heating, Ventilation and Air Conditioning Associations	REHVA	EU (NL)	EU associations	
3 A	ARCHITECTS' COUNCIL OF EUROPE CONSEIL DES ARCHITECTES D'EUROPE	Architects' Council Europe	ACE	EU (BE)	representing	
4	HOUSENC UNIO PR	Housing Europe	HE	EU (BE)	their branch	
5	isse	ISSO	ISSO	NL	Knowledge	
6	Instituto Valenciano de 1986-2016 la Edificación	Valencia Institute of Building	IVE	ES	and	
7	A SE	Czech Technical University Prague	CVUT	CZ	methodology	
8	A	Aalborg University	AAU	DK	providers	
9	 Danvak	DANVAK	DANVAK	DK		
10		Croatian Chamber of Mechanical Engineers	HKIS	HR		
11	**Atecyr ***Common of Stephene	Spanish Technical Association of HVAC and Refrigeration	ATECYR	ES		
12	*TVVL	TVVL	TVVL	NL	Training providers	
13 SANT		Czech Chamber of Chartered Engineers and Technicians	CKAIT	KAIT CZ prov		
14 ************************************		Chamber of Architecture and Spatial Planning of Slovenia	ZAPS	SI		
15 Q CNA I WARREN TO STATE OF THE PARTY OF T		Italian Chamber of Architects	CNAPPC	IT		









PROF/TRAC Database - keyword structure

Profession	Code	Topic(T)	Subtopic	Code	Type of project	Code	Building use	Code	Type of the material	Code	Language	Code
Architect	P1	Energy management		EM	New construction	EI	Office buildings	В1	PPT	M1	Danish	L1
ngineer	P2		Smart grid systems	EM1	Renovation	E2	Apartment houses	B2	Lecture notes	M2	Dutch	L2
roject manager	P3		Domotic systems	EM2			Single-family houses	В3	Reports/publications	МЗ	English	L3
roject developer	P4		Building management systems	ЕМ3			Educational building	g B4	Video tutorials	M4	French	L4
uilding manager	P5	Energy production		EP			Other	B5	Workshops	M5	German	L5
uilding owner	P6		Geothermal energy	EP1			Hospitals	B6	Guidelines/Toolkits	M6	Italian	L6
inancial manager	P7		Biomass	EP2			Wholesale and reta	il B7	Software	M7	Spanish	L7
rocurer	P8		Biogass	EP3			Sport facilities	B8	Case studies	M8	Bulgarian	L8
PROF-TRAC trainer	P9		District heating and cooling	EP4					Databases/resources	M9	Croatian	L9
			Heatpumps	EP5					MOOCs	M10	Czech	L10
			Solar power systems for electricity generation	EP6							Estonian	LIII
			Solar thermal systems for cooling generation	EP7							Finnish	L12
			Solar thermal systems for domestic hot water and/or heating generation)	EP8							German	L13
			Mini wind power	EP9							Greek	L14
			Combined Heat and Power (CHP)	EP10							Hungarian	L15
		Energy reduction	, ,	ER							Irish	L16
			Insulation	ER1							Latvian	L17
			Air tightness building	ER2							Lithuanian	L18
			Micro climates	ER3							Maltese	L19
			Envelope systems	ER4							Polish	L20
			Hot water systems	ER5							Portuguese	L21
			Window and/or glazing systems	ER6							Romanian	L22
			Heating and cooling emission systems	ER7							Serbian	L23
			Electric heating systems	ER8							Slovak	L24
			Artificial lighting systems	ER9							Slovenian	L25
			Ventilation systems	ER10							Spanish	L26
	Interdisciplinary skills		IS							Swedish	L27	





OUTCOMES: PROF/TRAC Database - Online

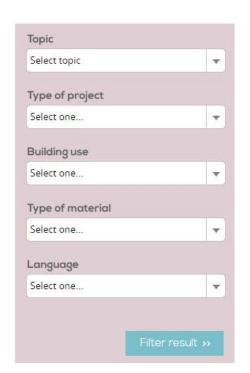
http://proftrac.eu/training-materials.html

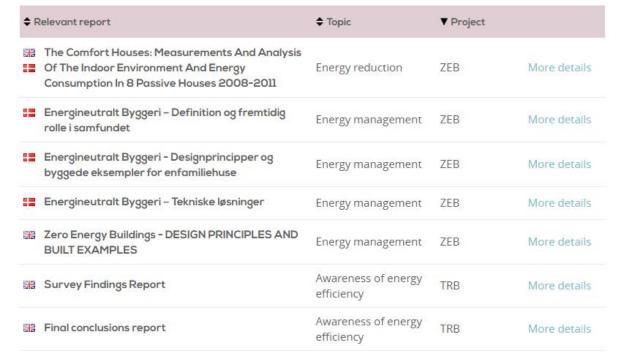


TRAINING MATERIAL REPOSITORY



On this page you can find all relevant training materials on NZEB. Use the filter form on the left to narrow the results.











PROF/TRAC Educational guide

- Basis for the development of national training programs
- Available for training providers to be used as a support to design the pilot courses







PROF/TRAC Train the Trainer sessions













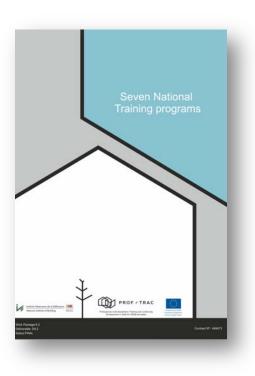
PROF/TRAC Seven national training programs

Denmark, The Netherlands, Spain, Italy, Czech Republic, Slovenia and
Croatia















PROF/TRAC COMING ACTIVITIES:

- Creating an EU-Qualification framework for Continuing Professional
 Development
- Integration of the skillsmapping and the EU-Qualification Framework in the BUILD UP Skills advisor-app
- Promotion of the PROF/TRAC database on training materials to use in other training and education projects
- Next round of trainings, in non PROF/TRAC countries, for REHVA and ACE members: 3rd Train the Trainer session in Valencia, Spain, January 25 -26







Collaboration with other EU-projects

- **BUSToB** Build Up Skills to Business
- ingREeS Setting up Qualification and Continuing Education and Training Scheme for Middle and Senior Level Professionals on Energy Efficiency and Use of Renewable Energy Sources in Buildings (Slovakia and Czech Republic)
- MEnS Meeting of Energy Professional Skills addresses engineers and architects as well (in 10 EU countries)
- B.U.G.S. Building Green Skills; Austria, Italy, Croatia and Slovenia; funded by PROGRESS













COLOFON

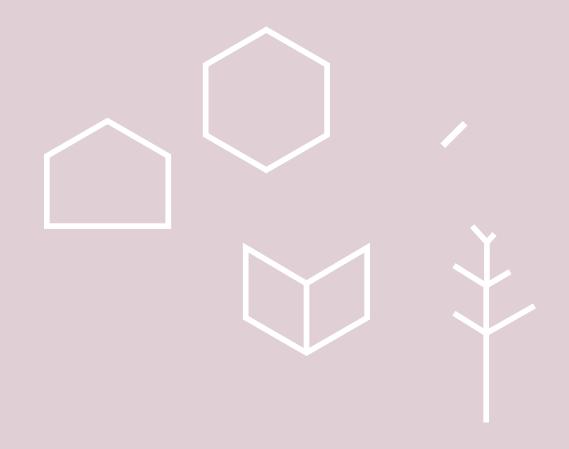
www.proftrac.eu



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Thank you for your attention

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