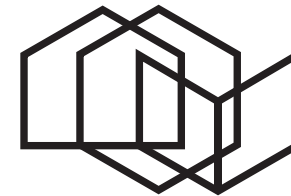


Ideas for collaboration between Construction Skills projects

BUS 8th EU Exchange Meeting
2 – 3 June 2016
Budapest, Hungary

Daniela Melandri, MEnS coordinator, EnerGia-Da Srl, Rome, Italy
Peter Op 't Veld, PROF / TRAC coordinator, Huygen Engineers & Consultants, Maastricht, The Netherlands



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Why collaboration between Construction Skills projects?

- Common challenges, but different scopes: learning from each other, looking for synergies
- Improve the visibility and outreach of Construction Skills projects by promoting each others projects
- Better efficiency by sharing methodologies, databases, networks, stakeholder groups



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Ideas for collaboration PROF/TRAC and MEnS

- Common communication activities, improve visibility of events to reach a wider audience
 - Follow each other and share on social media
- Sharing best practices and exemplar case studies of buildings, communities, technologies
 - Projects can be uploaded on MEnS Expo Centre (the virtual innovation park on MEnS platform) or be included in the MEnS national Training Courses and Front Meeting of Skills
- Sharing MEnS Advisory Board Meetings outcomes, input from PROF/TRAC by the CPD groups in ACE, REHVA Education Committee, Housing Europe
- Future PROF/TRAC training session for trainers
 - Once trained in MEnS, professionals can do a follow up course in the PROF/TRAC Train the Trainer events to organize NZEB training courses themselves
- Future MEnS training courses and Front Meeting of Skills
 - PROF/TRAC members could be interested in attending MEnS training courses to improve their skills and business opportunities
- Skills Gap Analysis
 - Both projects developed a skills gap mapping methodology but using a different approach, asking for inputs to different people and to achieve different goals; comparison of the two analysis?
- Common use of the PROF/TRAC *European open training platform* for Continuing Professional Development
 - To be discussed



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Possible projects results to share

- MEnS project results
- PROF/TRAC project results



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Results to share:

MEnS face to face and web opportunities

Participation at the following MEnS face to face activities

- Front Meeting of Skills – direct participation of the project partners and participants
- Advisory boards – connection and interaction with external stakeholders
- Training – sharing of participants and speakers

Sharing of common information on the MEnS webportal

- Common output can be delivered and shared in the portal, to improve the e-learning



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Results to share:

MEnS data and C&D activities

Sharing of data and information coming from MEnS reports

- Results from the Training Market Survey and Analysis (WP2)
 - National integrating report
 - Training info report
 - Market barriers report
- Report on training results (WP3)
 - Reports on each edition of education and training courses
 - Case studies portfolio

Sharing of Communication and dissemination streams

- Newsletters
- Events



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Results to share:

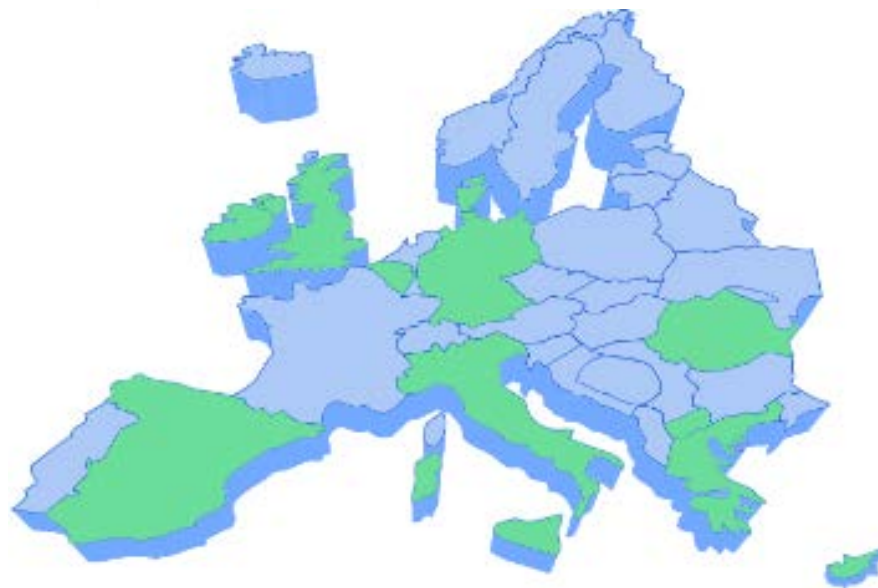
MEnS target and geographical coverage

Amplify the impact of both project by sharing the target groups and geographical coverage that are not common to these two projects.

Women and unemployees



MEnS EU Countries and geographical coverage



Free images taken from Pixabay <https://pixabay.com/>



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Results to share:

PROF/TRAC skills mapping methodology and app

CODE	TECHNOLOGY, INTERDISCIPLINARY SKILLS AND PROFESSIONS	Architect							
		current	nZEB	Gap	1	2	3	4	5
M	ENERGY MANAGEMENT								
EM1	Smart grid systems	1	1	0					
EM2	Domotic systems	1	3	2		■	■		
EM3	Building management systems	1	2	1		■			
P	ENERGY PRODUCTION (on-site and nearby)								
EP1	Geothermal energy	0	1	1	■				
EP2	Biomass	0	1	1	■				
EP3	Biogas	0	1	1	■				
EP4	District heating and cooling	1	2	1		■			
EP5	Heatpumps	1	2	1		■			
EP6	Solar power systems for electricity generation	2	3	1			■		
EP7	Solar thermal systems for cooling generation	1	1	0					
EP8	Solar thermal systems for domestic hot water	2	1	0					
EP9	Mini wind power	0	1	1	■				
EP10	Combined Heat and Power (CHP)	0	1	1	■				
R	ENERGY REDUCTION								
ER1	Insulation	3	4	1				■	
ER2	Air tightness building	3	4	1				■	
ER3	Micro climates	2	4	2			■	■	
ER4	Envelope systems	2	4	2			■	■	

Skills levels can be estimated from level 0 to 5, and will automatically be coloured.

Explanation of the levels 0 - 5:

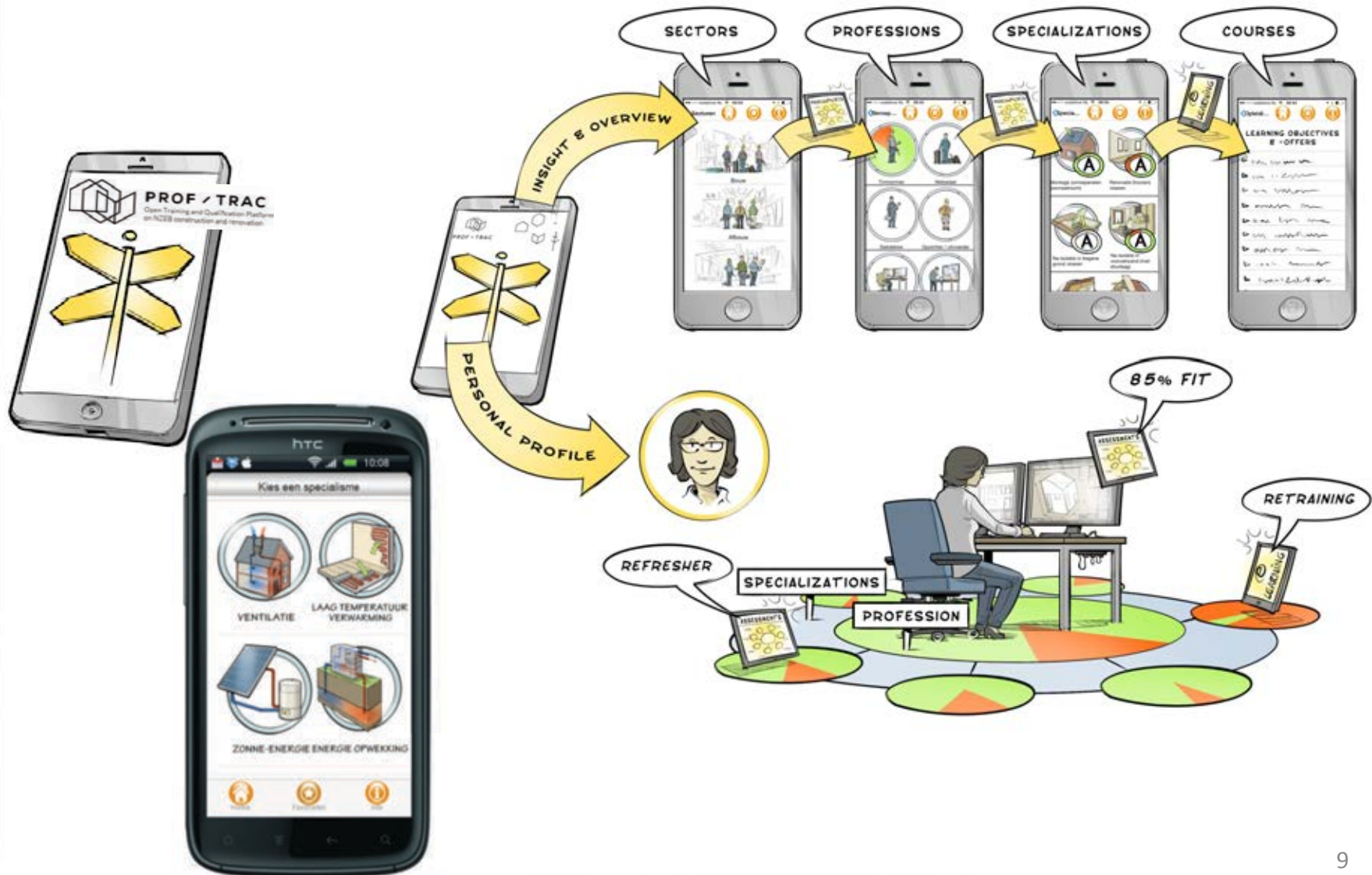
0	Not applicable / no knowledge and skills required
1	Has little knowledge and skills with respect to the relevant field / technology
2	Understands basic knowledge and has practical skills within the field, is able to solve
3	Has comprehensive, factual and theoretical knowledge, is capable of solving problems
4	Has advanced knowledge involving a critical understanding of theories and principles and
5	Has specialised knowledge and problem-solving skills, partly at the forefront of



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Results to share: The PROF/TRAC skills mapping app



Results to share: Visualization of Professions?



ARCHITECT



ELECTRICAL ENGINEER



SPECIALIST
building management
systems



SPECIALIST
biogas



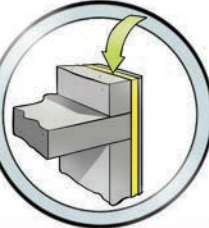
SPECIALIST
combined heat & power
(CHP)



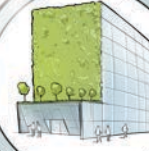
BUILDING AUTOMATION
ENGINEER



FACILITY MANAGER



SPECIALIST
insulation



SPECIALIST
micro climates



SPECIALIST
envelope systems



MECHANICAL
ENGINEER



PROJECT DEVELOPER



SPECIALIST
smart distribution
hot water



SPECIALIST
daylight systems



SPECIALIST
electric heating
systems

PRO

ENS

Results to share: PROF/TRAC Database - Online

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

FIND RELEVANT PROJECTS



On this page you can find all relevant projects of PROF / TRAC. Use the filter form on the left to narrow the results.

Topic
Select topic ▼






Type of project
Select one... ▼

Building use
Select one... ▼

Type of material
Select one... ▼

Language
Select one... ▼

[Filter result >>](#)

Relevant report	Topic	Project	
 The Comfort Houses: Measurements And Analysis Of The Indoor Environment And Energy Consumption In 8 Passive Houses 2008-2011	Energy reduction	ZEB	More details
 Energineutralt Byggeri – Definition og fremtidig rolle i samfundet	Energy management	ZEB	More details
 Energineutralt Byggeri - Designprincipper og byggede eksempler for enfamiliehuse	Energy management	ZEB	More details
 Energineutralt Byggeri – Tekniske løsninger	Energy management	ZEB	More details
 Zero Energy Buildings – DESIGN PRINCIPLES AND BUILT EXAMPLES	Energy management	ZEB	More details
 Survey Findings Report	Awareness of energy efficiency	TRB	More details
 Final conclusions report	Awareness of energy efficiency	TRB	More details



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Common activities so far

- Joining (at least) one project meeting to learn from the projects in detail
- Short telecall meetings (about 30 minutes) on a regular basis (project members engaged in dissemination activities) > *little time consuming, very effective*
- Actively sharing news, messages and contributions on social media > *low threshold, high impact, just simply do this!*
- More specific: PROF/TRAC considers to organize a special Train the Trainer event for MEnS (and other construction skills projects)

To start up :

- Common use of the (PROF/TRAC) Open Training Platform
- Common approach on qualification schemes, looking for synergies and wider impact



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COLOFON

www.proftrac.eu

<http://www.mens-nzeb.eu/>



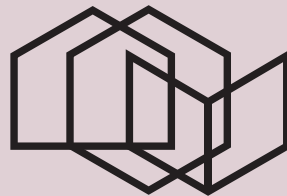
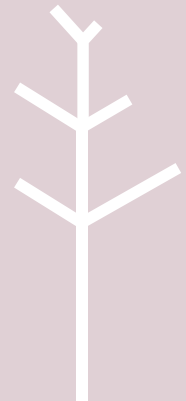
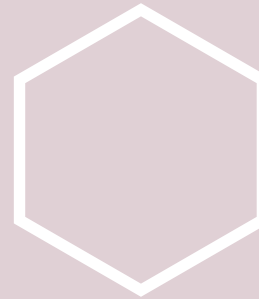
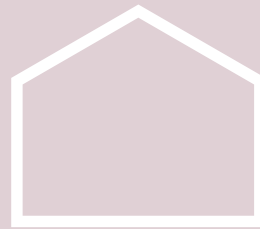
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