

BUILD UP Skills CrossCraft

Qualification scheme for cross craft trainings of professionals in the construction industry

Austria



BUILD UP Skills CrossCraft – 2nd Pillar

New CrossCraft Trainings



Based on the key findings of BUILD UP Skills Austria the following new courses were developed, implemented and evaluated during BUILD UP Skills CrossCraft:

CrossCraft training on construction site – on-site training (duration: 3 to 4 hours)

Short on-site trainings based on „frequently made mistakes“ inline with the implementation of a blower a door test.

Basic CrossCraft module – off-site training (duration: 16 hours / two days)

- Understanding of the importance of low-energy building standards
- Better understanding of the interaction of crafts
- Avoiding poor workmanship and its impacts

Advanced training modules – off-site trainings (duration: 8 hours / one day)

- Techniques for renovation of old buildings
- Installation of renewable energy systems


Compact CrossCraft module – off-site training (duration: 32 hours / four days)

Content of the Basic CrossCraft module
+ Techniques for renovation of old buildings
+ Installation of renewable energy systems

On-site Quality Coach training – off-site training (duration: 24 hours / three days)

Focus: cross-craft understanding, quality assurance in terms of internal and legal aspects. To guarantee the implementation of high quality constructions.



A photograph showing four men standing in a room. In the background, a red fabric structure is set up, likely for a blower door test. A large black fan is visible in the foreground, and a laptop is on a small table. The men are dressed in work clothes and jackets. The room has a concrete floor and a white wall.

The **airtight envelop** is an **essential part** of Nearly Zero Emission Buildings. Frequently made mistakes can be easily shown up by the implementation of a blower door test.

The **blower door test** is a key element of the developed CrossCraft modules.

On-site CrossCraft module

Process steps



Step 1 – Preparation of the blower door test.

Step 2 – Checking penetrations.

Step 3 – Explore the leaks and discussions about the possible causes and how to seal them.

Step 4 – Presenting and discussing the types of plugs and sealing-materials.



Implementation of pilot courses

Final status



	Aim of the project	Performed
On-site CrossCraft Module Duration: 3 to 4 hours	4	10
Basic CrossCraft Module Duration: 16 hours	1-3	3
Advanced Modules Duration: 8 hours	2	2
Compact CrossCraft Module Duration: 32 hours	1-3	2
Quality Coach Trainings Duration: 24 hours	1-3	3
Total	9-15	20

Mission accomplished



Participants of pilot courses

Concrete numbers



Challenges



Challenges

- Strong market demand existed only for the short on-site trainings.
- The implementation of the two to four days off-site trainings proved to be exceptionally difficult all over Austria.
- A large number of already advertised courses had to be cancelled due to a lack of registrations.

Reasons

- The impacts of the economic crisis on the Austrian construction sector.
- Right now the construction sector is a very sensitive market.
- Construction companies reduce their fixed employees to a minimum (to reduce fixed costs). → SMEs are less likely to allow their workers to attend further training courses as they need them continuously on-site.



Success stories & lessons learned



Success story

The short on-site trainings have a strong market demand. **10** on-site trainings could be implemented easily.

Lesson learned

- The successful implementation of the two day CrossCraft training modules based on the “direct marketing” of the new trainings by strengthening bilateral exchanges with the SMEs.

Partners & contact



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