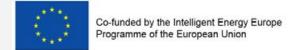


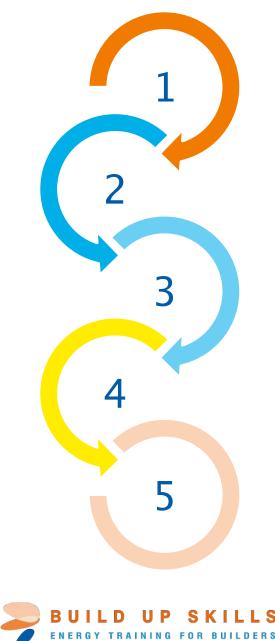
BUILD UP Skills 8th EU exchange meeting Harri Heinaro, Motiva Services





Contents

- 1. Objectives of the project
- 2. Achievements / results
 - Training materials
 - Training for Teachers and Change agents
 - On-site Training Ambassador
- 3. Challenges
- 4. Lessons learnt
- 5. Where to next?





Objectives

- Increase of skilled construction workers and improve energy efficiency of buildings through
 - introduction of best practices to mainstream application
 - improved teaching and training of construction workers
 - active interaction within the operating environment

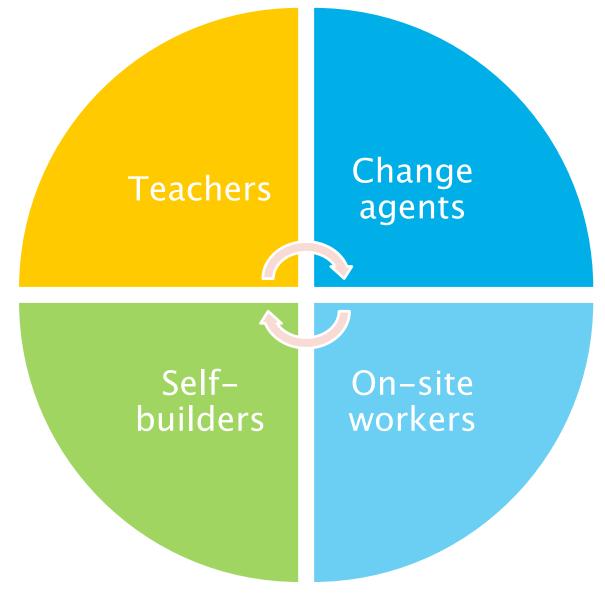






Training materials

- Materialsenable selflearning
- Bridge language gaps
- Easily accessible online

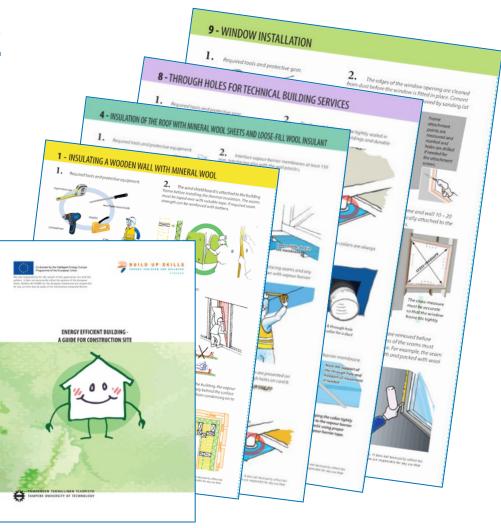




Energy Efficient Building Guide

 Accessible online, also for mobile devices

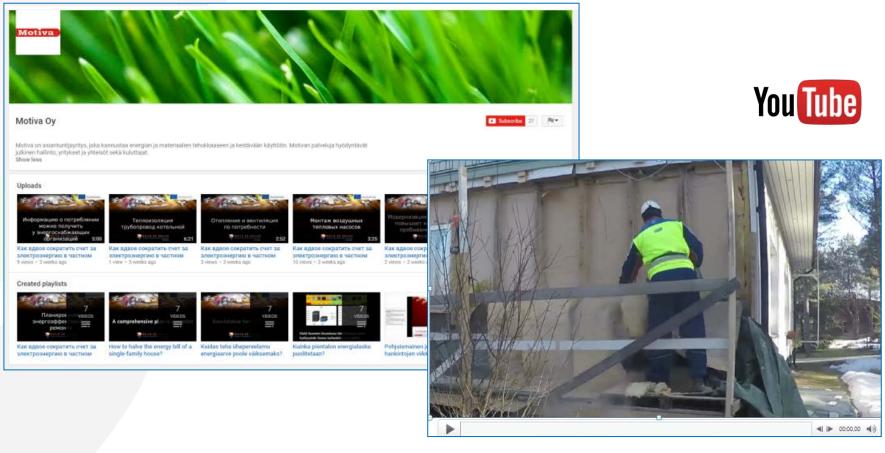
 Guide can easily be printed out as a whole or as individua two-sided instruction cards.







Educational videos online



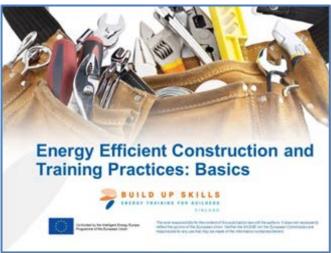




Slide Shows for training and self-learning

Altogether 234 slides 10 themes

- 1. Insulating a wooden wall with mineral wool
- 2. Insulating a wooden wall with loose-fill mineral wool
- 3. Insulating a wooden wall with plastic insulant
- 4. Insulation of the roof with mineral wool sheets and loose-fill wool insulant
- 5. Thermal insulation of the roof space with loose-fill wool
- 6. Insulation taping
- 7. Technical building services
- 8. Through holes for technical building services
- 9. Window installation
- 10. Energy efficient renovation



















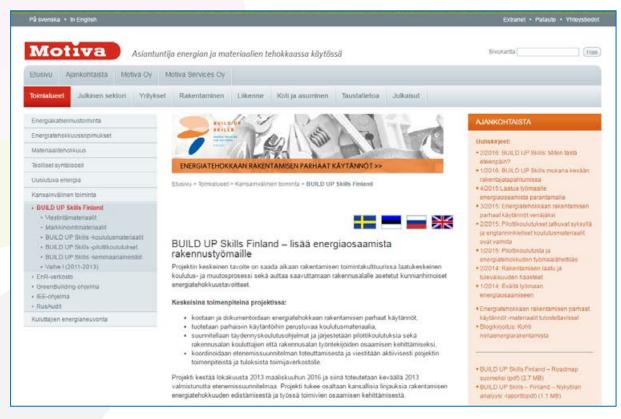


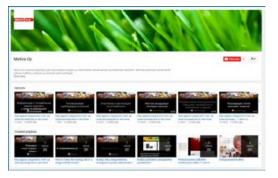






Everything online – freely accessible





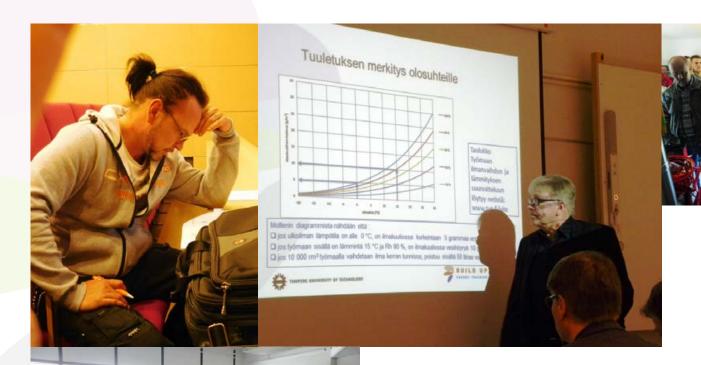


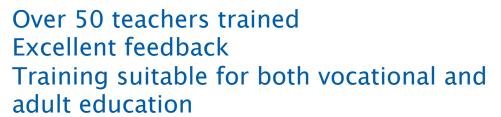


www.motiva.fi/buildupskillsfinland



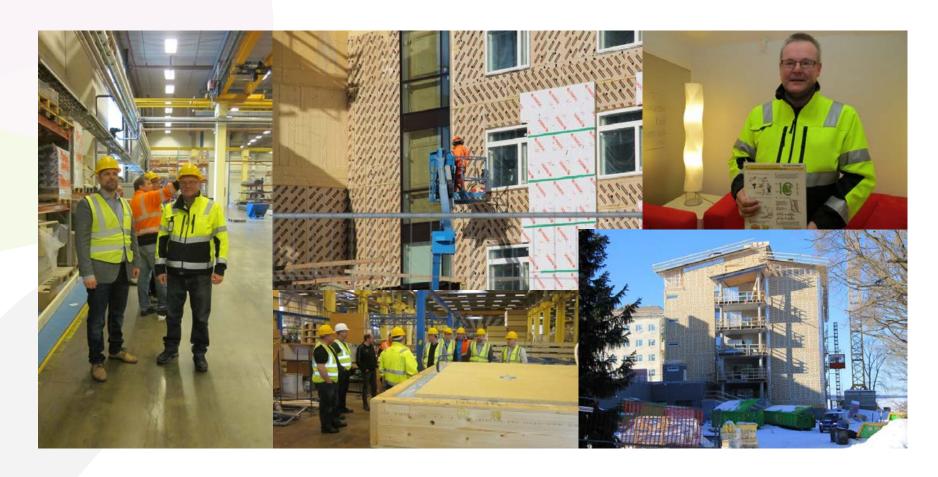
Training for Teachers





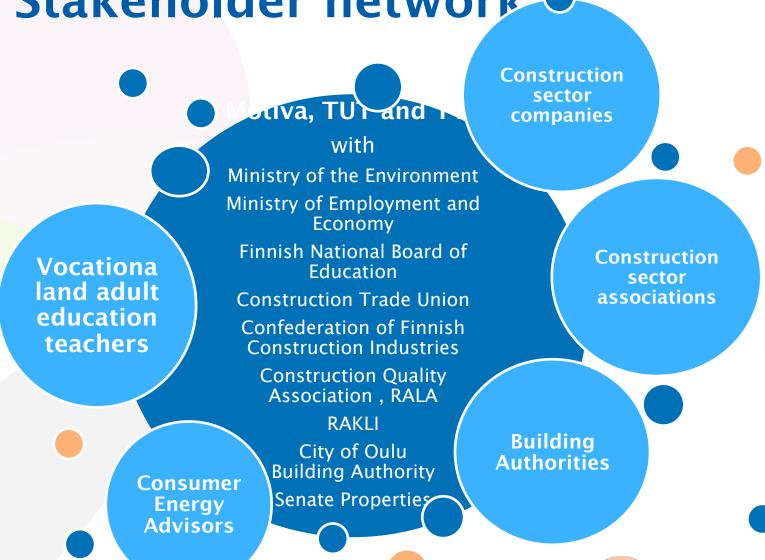


On-site training scheme and pilot trainings





Stakeholder network





On-site training ambassador

- Motivator and messenger towards
 - construction companies
 - workforce
 - stakeholder network
- Face of the BUILD UP Skills training scheme
 - easy to approach the workers and the management
 - knows the product and the target groups





On-site training ambassador at work

Training teachers

Visiting construction sites

Present at Building Fairs and Events

Training Change Agents

Building Authority Events Construction and building sector seminars

Presentation

S at meetings and seminars Interviews, Articles



Project visibility online, at events, in the media



Challenges

- Demanding climate conditions
- Language issue
 - 30 000 foreign workers
- Insufficient skills on key issues
- Lack of interest / poor attitudes for further training
- Lack of coordination between players on construction sites
- Creating material and training for two different target groups











Lessons learnt

- The key is to filter the essence from the volume of information (research papers, reports, handbooks)
- Theory is the basis discussion on practical construction issues is essential
- Training material package is a toolkit trainers use (and should use) the material in personal ways
- Pedagogical methods need to be modernised
- Workers prefer descriptive materials and instructions
 photos and illustrations with supporting text
- BUILD UP Skills scheme and awareness should be integrated in quality and human resource management



Where to next?



