TWG Group 3: Innovations and incentives to stimulate the demand for training

Innovative training infrastructure and materials

Helder Gonçalves
PORTUGAL

18 Jan.2016

The overall aim is to engage the <u>project coordinators and partners</u> in an interactive exchange of information:

1. Identify and share good practices among BUS or other projects;

2. Map the most important <u>difficulties and achievements</u> encountered by projects with regard to each topic. Sharing of practices (above) could address difficulties and/ or further increase the achievements;

3. <u>Discuss the topics</u> including;

    1. **innovative training infrastructure/ materials,**
    2. **innovative approaches to train the workers and**
    3. **incentives to stimulate the demand for training.**

LNEG

Innovative training infrastructure

Infrastructure and **training materials** to be used depends very much from:

1. **Type and Goal** of the training;

    - Theoretical + Practice or Pure Practice;
    - For Beginners, for Workers with experience in the sector but not on the specific topic or just for Specialized Worker on a specific topic

2. **Content** of the training ;

    - Horizontal Themes (*ex.insulation in general or Walls and Roof insulation how to do it? Or mixed?*)
    - Focus Theme (*ex.how to install Solar Panels*)
    - Mixed contents ?

3. **Length** of the training;
    - (25 hrs, 50 hrs, 100 hrs or xxx?)

LNEG

infrastructure and materials

The **infrastructure** and the **materials** which will be used depend on key issues such as;

- *How much deep in practice and real is the training ?*
- *There will be enough time for the a real practice ? and individual training ?*

As an example a Training Course related with Building Envelope (Envelope Insulation) can be done in terms of "*Infrastructures*" on different options;

a) In the <u>Classroom</u> if the training is for "*beginners*" and it's a "*short length*" course;

b) On a <u>Site Model</u> for visualization of the main procedures or real practice (individual or collective); (**workshop / laboratory**)

c) On <u>Real Site</u> in practice (Visualization or ?)

NEED EXAMPLES FROM BUS

The **training materials** are very much related with the **Infrastructures** used for the training. Different infrastructures and material and methods can be considered depending again in the contents and could include:

1. **Classroom**, traditional training mainly theoretical ;

2. **Workshop / Laboratory** with Practice examples (visualization, modularisation examples or real practice) or (1+2)

3. **On site** (visualization or hands-on training)

4. **Hardware/Software** incl. use of ICT for simulation, online training, visualisation, etc.;

5. **Any other**? (e_learning)

NEED EXAMPLES FROM BUS

LNEG

Questions

1. Which <u>Infrastructures</u> are used in the BUS Projects?

2. Which <u>Materials</u> are used in the BUS Projects? Examples?

3. Which <u>good/bad practices</u> regarding training infrastructure and materials can be reported ?

Let´s discuss to get the better "good practices…

www.lneg.pt

Thank you

helder.goncalves @lneg.pt

GOVERNO DE PORTUGAL | MINISTÉRIO DO AMBIENTE, ORDENAMENTO DO TERRITÓRIO E ENERGIA