

# HAMSTER

## New Harmonized Models for Skills Transfer to SME, Identifying a European Plastic Welding Repository

Leonardo da Vinci Pilot Project 2006 - 2008

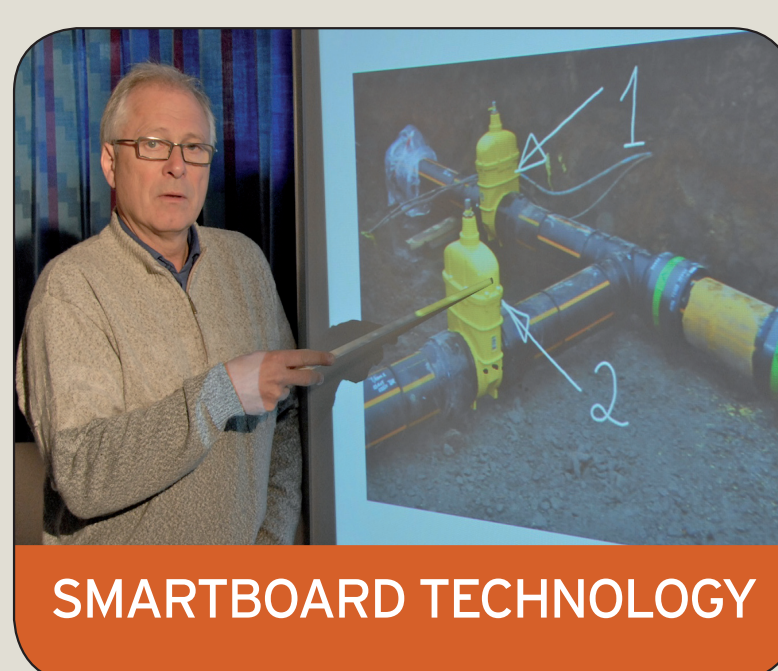
### Hamster results:

- Validation of Activity Based Training (ABT) methodologies for welder-trainers and welders
- ABT follows the industrial production processes, utilizing work orders and work packages
- ABT may be utilized in Skills Upgrading Processes where theory and practice are closely connected
- 2 welding courses are structured according to the European Welding Federation's Guideline EWF-581-01
- 3 Train-the-Trainer courses target deployment and use of video- and Smartboard technologies in training
- ABT may be utilized as a blended learning framework: face-to-face, on-site training, e-learning solutions, high quality video streaming, and video conferencing
- European dimension:  
Industrial sector turnover: 65 billion Euro/year.
- More information: [www.smartcom.no/projects/hamster](http://www.smartcom.no/projects/hamster)



### CONTENT SERVER

A Plastic Welding course where the student is utilizing video streaming from the content server in a blended learning environment, with on-site practical training.



### SMARTBOARD TECHNOLOGY



### CLASSROOM

**Czech Republic:** M4-Heated Tool and Electrofusion Welding of PE Water and Gas Pipe.  
**Hungary:** M5-Welding of Lining Membranes.



### VIDEO STREAMING

Video streaming on a Smartboard. Teacher makes digital notes. Notes are afterwards published on the Internet.



### TRAIN-THE-TRAINER



### INDUSTRY

**Industry case:**  
How to do, and how NOT to do. ABT follows the industrial production processes, utilizing work orders and work packages.

