Install+RES

Training courses for installers of small-scale renewable energy systems in buildings

Programme: Intelligent Energy for Europe
Contract Nr.: IEE/09/763/SI2.558302
Project Duration: 01/05/2010 – 30/04/2013
Project website: www.resinstaller.eu
Establishment of large scale institutionalized training courses for the qualification and certification of installers of renewable energy systems (biomass, solar, PV and heat pumps) in buildings in several European countries (Bulgaria, Greece, Italy, Poland and Slovenia)
Work programme

- Project Management (WP 1)
  - (WP 2) Training course development
  - (WP 3) Train the trainer
  - (WP 4) Pilot Course
  - (WP 5) Certification or qualification of installers
  - (WP 6) Implementation of the training courses
  - (WP 7) Ensuring long term course sustainability

- Communication (WP 8)

- IEE dissemination activities (WP 9)
Expected results

- 30 trainers trained during English and German “train for trainers” courses.
- 6 training courses facilities accredited in Italy, Bulgaria, Germany, Slovenia, Greece and Poland.
- 15 training courses established in Italy, Bulgaria, Slovenia, Greece and Poland.
- 240 certified installers in Italy, Bulgaria, Slovenia, Greece and Poland.
Results achieved until 30.04.2013 (1)

- Training material on Photovoltaics (PV), Solar Thermal (ST), Heat Pumps (HP) and Biomass (BM) has been developed in German, translated in English and localized in Italian, Slovenian, Bulgarian, Greek and Polish.
- “Train the trainer” courses have been implemented in Munich, Germany, in German and English languages for the module PV, ST, HP and BM and have been opened also to third organisations. Further “train the trainer” course have been implemented also in Velenje, Slovenia.
- 78 trainers have attended one or more modules on PV, ST, HP and BM.
Results achieved until 30.04.2013 (2)

- 33 training courses have been implemented in Germany, in Slovenia, Poland, Italy, Greece and Bulgaria.
- 516 installers have been certified or qualified.
- 2 training facilities, one in Slovenia and one in Bulgaria, have been accredited. At the time being, there are no accreditation body in Poland, Greece, Italy and Germany. In these countries, the training facilities could not have been accredited. The training courses have anyhow been implemented providing the participants who passed the exam with a certificate in line with the National legislation.
Results beyond the project

• It can be estimated that after the project lifetime, the training courses further implemented could certify at least 2000 installers from 2013 to 2020
• Accelerate the deployment of RE systems (solar thermal, PV, biomass and heat pumps) in buildings
• Give a strong contribution to reach the 20-20-20 targets
# Schedule (start 01.05.2010) and deliverables

| Project phase / Months: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
|-------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| WP 1                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| WP 2                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| WP 3                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| WP 4                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| WP 5                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| WP 6                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| WP 7                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| WP 8                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| WP 9                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Project meetings        | X |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Project reports to EACI |   | PR|   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Project Information Sheet to EACI | |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Project Website/site creation and update |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Project deliverables    | D1 | D2 | D2.1 | D2.2 | D2.3 | D3 | D4 | D5 | D6 | D7 | D8 | D9  | D10 | D11 | D12 | D13 | D14 | D15 | D16 | D17 | D18 | D19 | D20 | D21 | D22 | D23 | D24 | D25 | D26 | D27 | D28 | D29 | D30 | D31 | D32 | D33 | D34 | D35 | D36 |
Project Partners

- WIP – Renewable Energies, Munich, Germany
- Berufschule für elektrische Anlage- und Gebäudetechnik, Germany
- Academy for teacher In-Service Training and Staff Development, Germany
- European Association of Electrical Contractors, Belgium
- Vocational High School of Electronics "John Atanasov", Bulgaria
- Centre for Renewable Energies, Greece
- School Centre Velenje, Slovenia
- Cracow University of Technology, Poland
- Italian Association of Plant Builders, Italy
- European Construction Industry Federation, Belgium
Contact

Coordinator
Ingrid Weiss
WIP – Renewable Energies
Sylvensteinstrasse 2
81369 Munich
Germany

Email: ingrid.weiss@wip-munich.de
Telephone: 0049 (0)89 720 12 741