

List of Results

1. **October 2009 to January 2010**
2. February 2010 to March 2010
3. April 2010 to August 2010
4. September 2010 (to Summer 2013)
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Result 1: Definition and Punctuation of Modules for the new Profession “European Assistant for Renewable Energy and Energy Management” and Time Scheme Approval

- Berlin curriculum translated into all partner languages
- Berlin curriculum subdivided into modules and POInts
- Similar partner curricula are translated into English and subdivided into comparable modules and POInts (cf. OBINELLI)
- New elements have POInts and are available in all partner languages
- All new vocational trainings add up to 180 POInts (cf. Vilnius) each
- Practical parts of the training and the final assessment are also assigned POInts within the sum of 180
- All partners are provided by Berlin with a PowerPoint presentation on the proceedings of how the new profession was implemented in Berlin
- All partners will be provided with a PowerPoint presentation on requirements (equipment, training of the trainers, ...) in their local language
- Berlin and all partners know the set-up in every partner city at the start of the project (stocktaking)
- Berlin presents an “AIRE-kit” – technical equipment for one student place in a teaching laboratory – and finds out what is missing where. The objective is that every partner will have the same standard equipment when classes start
- The partners will decide which two partner cities will start the first AIRE class in autumn 2010 (students can then enroll in February 2010)
- The two partner cities should apply at the authorities for permission to do so and expect to be granted this permission by autumn 2010 if possible for a pilot period of 5 years
- Perhaps the other two partners should also apply already for autumn 2011
- Marketing information material for parents, companies and students is planned
- Specifications for an AIRE website are laid down
- AIRE 10 IVT and VETPRO mobility is planned together
- Planning of local “training of the trainer” courses in renewable energies

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Result 2: Equipment and Teaching Material defined

- Partners install necessary AIRE-kit equipment in one room in each school in order for teachers/trainers to get acquainted with it
- Partners approach companies (in the region and during the AIRE+ study visits) for donations to be able to install more AIRE-kits
- Partners view teaching material for the new subjects which is used in Berlin and try to find equivalents on the local market/in the local language
- Partners decide if they want to use material which is used in Berlin
 - If it was self made, they will have it translated
 - If it is offered by an editorial, they will ask for a translated edition (e. g. DGS)
- Partners consider using common teaching material in English
- Marketing information material for parents, companies and students is printed and handed out at secondary schools and educational fairs

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**Result 3: Adaptation of Curricula and Laboratory, Creation of Dissemination Material
(POInt international partner meeting in Berlin)**

- The two partners (“A” and “I”) adapt their curricula and laboratories so that they can start one experimental AIRE class each in autumn 2010.
- They document their proceedings for the other partners and later partners to come
- They lay down the duration of the training period (180 POInts in how many years, how many weeks per year, how many hours per week, which milestones for interim assessment)
- They sketch out possible final examination procedures according to local and/or national law
- The title should include the right to access universities which offer B. A.
- The training should enable all students to comply with all three options:
 - work in a company afterwards
 - run his/her own company
 - go on to University
- Dissemination material on the projects AIRE and AIRE+ is created in English (and perhaps even in local languages)
- This dissemination material can be given out during the big European educational conference in Antwerp (autumn 2010 – Belgian EU presidency)

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Result 4: Pilot Classes Start Operating, More and Better Teaching Material, AIRE website operational

(Big Educational Conference in ANTWERP, Belgian EU-presidency)

- New classes start in city "A" and "I" (+ initial local event)
- All partners help developing teaching units: material, tests, setups in lab situations for these two partners (keeping in mind their own needs)
- All partners plan a teaching CD-ROM in all 5 or 6 languages concerning renewable energy and energy management
- All partners help develop teachers' manuals for the teaching material
- Companies are involved in this development of teaching material which must be state of the art
- Interim report
- AIRE website operational

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Result 5: Planning of more 1st year classes, 2nd year revised, planning “snowball effect”

- Based on the experiences of Berlin and the cities “A” and “I” the other two partners “R” and “E” plan to start AIRE classes in September 2011
- Call to submit offers for AIRE learning CD-ROM (if possible other vocational school)
- Partners plan teacher/trainer training schemes involving companies
- Partners plan IVT and VETPRO mobility in order to learn from each others
- Partners decide if some classes should be taught with the use of video conferences
- Partners plan follow-up projects for the “snowball-effect” (involving city networks, associations, ...) (AIRE 1 EUROPE)
- Partners plan follow-up project with more mandatory elements of dual training and student mobility of 4 months (AIRE 2)
- Partners consider further EU-funded follow up projects also with Canada and the US (AIRE plus ULTRA)
- Possible transfer to other vocational fields like “gas, water, sewage” or construction like the “KO-Transfer”-project run by BGZ Berlin

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Result 6: Second Round

- Application for new follow-up projects
- Partners “R” and “E” enroll students for the start in autumn 2011 (+ initial local event)
- They equip their schools and get permission from the authorities
- Consortium agrees upon an invitation list and plans a big final meeting in Berlin in June 2011 (good dissemination effect!)
- Useful teaching units and teachers’ manuals are adapted and translated into all languages (2nd edition)

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Result 7: Final Decision on EQF/NQF-relevant Description + ECVET Structure of the “International Assistant for Renewable Energy and Energy Management”

- The local varieties of the AIRE profession are defined for all EUROPASS documents and translated in all EUROPASS languages
- Final meeting in Berlin (+ companies + decision makers + university staff + EUROCITIES + XARXA + ...) – possibly in the Berlin “Reichstag”-building, the trade fair location or the “Energieforum Berlin”
- Strategic planning of involvement of companies for dual/alternating elements with comparable credit POInt system (3rd year students and new vocational training “International Technician for Renewable Energy and Energy Management” (AIRE 2))
- Final report of the AIRE project
- Start AIRE-classes in all partner cities (A and I in 2nd year, R and E in 1st year)