

## The Progress Report on ENAEE Promotion Committee Action Plan 2012-2013

**Action (3):** A research survey should be carried out to identify approaches to accreditation reviews and site visits which might have implications for the ENAEE charging system.

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The Questionnaire for ENAEE authorized Agencies has been prepared and disseminated to receive information necessary for analysis. All Agencies confirmed that in practice they meet with the cases of accreditation of engineering programmes providing more than one profile (specialization), i.e. graduates' orientation in specific types and (or) objects of their professional activity. The Agencies approaches to accreditation of multi-profile engineering programmes are different.

In UK accreditation team usually consist of 3-5 evaluators depending on the number of the programmes. On-site accreditation visits are usually short term, and rarely last more than one day. In case of large volume of the documents to be checked (due to large number of programmes or profiles) the time of preparatory work is expanded. In Germany ASIIN accredits engineering programme by teams consisting of 5 experts. The number of evaluators in the team can be increased in case of accreditation of the cluster of programmes on adjacent training profiles. On-site visit normally lasts no more than one day, and another half of the day is required for the meeting of the team members.

In Ireland the EI team accrediting engineering programme consists of 3 experts. In case of accrediting multi-profile programme the separate team is formed to evaluate each profile. On-site visit lasts two full days. In Portugal the OE team consists of 3-4 experts. If a programme provides several profiles (specializations) each of them is evaluated by two experts at least. The OE team on-site visit lasts two days. In Turkey the number of the evaluators in the MUDEK team depends on the number of programmes. As a rule two experts are chosen to evaluate each programme. On-site visit lasts 3 days irrespectively to the number of the programmes to be evaluated.

The AEER team accrediting engineering programme consists of 4 evaluators. The duration of on-site visit equals to 3 days. While accrediting cluster of programmes on adjacent disciplines the number of the experts is increased.

Based on the analyses of information received from the Agencies and the AEER proposal, the recommendation to develop ENAEE approach to accreditation of engineering programmes considering profiles (specializations) was developed. The recommendation is to calculate the cost of ENAEE services related to EUR-ACE Label certificates for N-profile engineering programme by the formula

$$C_{\text{ENAEE}} = C_{\text{ENAEE } 1} \times (0.75 + N \times 0.25).$$

Here  $C_{\text{ENAEE } 1}$  – is the cost of EUR-ACE Label for one-profile engineering programme.

The formula assumes that each additional profile ( $N > 1$ ) increases the resources needed to evaluate the programme by 25 %.