



**CONCERTED ACTION
ENERGY EFFICIENCY
DIRECTIVE**

NEEAPs and annual reports – something old and something new

Executive Summary 1.8

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1 Summary

The aim of the Plenary Meeting in Autumn 2016 was to present a retrospective look at the work undertaken and outcomes achieved in Core Theme 1 (CT1). In addition, expectations from the upcoming 2nd EED NEEAPs (NEEAP-4) due in April 2017 were discussed, as well as issues relating to the preparation of the NEEAP-4, views and suggestions about future collaboration in the forthcoming CA-EED 2, and potential future topic ideas.

Broad range of topics covered in Core Theme 1 2013–2016

The broad range of topics covered in CT1 sessions in Plenary Meetings between spring 2013 and spring 2016 were grouped under three categories:

- NEEAP and other EED reporting
- Energy efficiency (EE) measures
- Long term building renovation strategies.

Table 1: Summary of topics covered in CT1 2013–2016

| | CA EED session | Topics |
|----|---|--|
| 1 | WG 1.1 – Spring 2013 | Overview of EED reporting-related requirements |
| 2 | WG 1.2 – Autumn 2013 | Overview of the 1 st annual report and processing the 1 st EED NEEAPs for 2014 |
| 3 | JWG EPBD – EED – RES: Article 4 – Autumn 2013 | Assistance documents to MS towards developing long term strategies for mobilising investment in building energy renovation (per EED Article 4) |
| 4 | WG 1.3 – Spring 2014 | Article 4 long term strategies and processing NEEAP 2014 |
| 5 | Joint WG 1.3_6.3_8.3 – Spring 2014 | Measuring energy saving from soft measures |
| 6 | WG 1.4 – Autumn 2014 | New or updated EE measures introduced in MS |
| 7 | WG 1.5 – Spring 2015 | Measuring progress in energy efficiency |
| 8 | Joint WG 1.5_8.5 – Spring 2015 | Monitoring and verification systems for EE measures in MS |
| 9 | WG 1.6 – Autumn 2015 | NEEAPs – what actions are working and how do you know it? |
| 10 | WG 1.7 – Spring 2016 | Article 4 building renovation strategies – good practices |

In each category for all WGs the main information was analysed across four subjects:

- Relevance of the theme
- Key issues
- Member State (MS) situations
- Sharing experience.

2 Highlights from the sessions

Key learnings from CT1 sessions 2013–2016

The key learnings from the sessions on CT1 themes relating to reporting requirements, annual reports, processing the 2014 NEEAPs, measuring progress and successful actions 2013–2016 were summarised under the following headings:

- Relevance of the themes
- Key Issues
- MS situations
- Sharing best practices

In addition, the closing session retrospective presentation covered highlights of the CT1 work and lessons learned relating to all CT1 topics between spring 2013 and spring 2016.

NEEAPs 2017 and the future of planning and reporting obligations

In the presentation by Joint Research Centre (JRC), a number of areas for improvements and recommendations for MS in the development of their next NEEAP (2017), following a JRC assessment of previous NEEAPs, were highlighted. Some good practices were also included in the presentation. In addition, a proposal (JRC/DG ENER) was made for a policy measure Excel template to be used in NEEAP reporting: this will be tested and then is planned to be circulated to MS.

The objectives of Energy Union Governance initiative relating to the streamlining of planning and reporting obligations were presented by DG ENER. Following the presentation, several questions were raised on a number of issues including for example the planned timing of the first National Energy and Climate Plan (NECP) reporting and potential annual timing difficulty given the availability of historic statistical data.

Update on current ISO work on energy savings calculations

Didier Bosseboeuf (ADEME) asked the question: Are the ISO works relating to energy efficiency useful for EED implementation? There was an idea to inform participants of the on-going ISO works with regard to EED implementation, and especially an update on current ISO work on energy savings calculations. EU experts were attracted to the negotiation and voting process/procedures relating to EE and ISO standards. Presentations relating to this topic are highlighted in section 3 below.

Group work and discussion

Work group participants were surveyed to capture the status of preparation of the next NEEAPs, the best way to share experiences and possible interesting topics for the next CA EED (planned to be started 2017).

Over 80% of MS have begun discussions about and organisation of the development of NEEAP-4. However, only 25% have started writing the document. Over half (54%) have started updating the savings estimates associated with policies and measures.

41% of respondents (9 MS) are planning something innovative for NEEAP-4. Over 70% of respondents (12 of 17 MS) will take account of work undertaken at the CA EED. The majority of MS respondents see the NEEAP as purely a reporting tool, although 24% still also see it as having a public facing element. 5 MS are using the NEEAP to illustrate ambition for the future.

Participants were asked to identify interesting topic ideas relating to EED implementation under the broad themes: Planning, Reporting, M&V, Savings calculations, Measuring progress in energy efficiency and Other. A total of 76 proposals were provided, of which 57 were posted by about half of the MS (15 MS): 19 proposals did not include country information. The clear majority of proposals fell into the theme 'Savings Calculations' (29 in total), with ideas ranging from calculation methods to multiple benefits. The rest of the proposals (47) were divided more evenly across the other themes. Many of the proposals also touched on the forthcoming Energy Union planning and reporting initiative.

3 Practical Examples

ISO work relating to energy efficiency saving impact estimates and calculations were presented.

Introduction to ISO works related to energy efficiency and energy savings calculations

The activity of ISO working groups, especially those relating to energy savings calculations, was presented by Jean Sébastien Broc (Broc Research & Consulting). The relevant ISO Working Groups under the Technical Committee TC 301 “Energy management and energy savings” are WG9 – 13. Further information is available at http://www.iso.org/iso/iso_technical_committee?commid=6077221

ISO 50049, Calculation methods for energy efficiency and energy consumption variations at country, region and city levels: relation to energy savings and other factors

ISO 50049 was described in detail by Didier Bosseboeuf (ADEME), which included a description of the methodology and outputs from the use of energy efficiency indices, and the use of decomposition analysis. Decomposition analysis was considered in the context of the EED and compared with other approaches such as using energy intensity and an energy efficiency index.

MS were encouraged to participate in the ISO design and voting.

Update on current ISO work on energy savings calculations: focus on standards for bottom-up methods

Jean Sébastien Broc (Broc Research & Consulting) described why standards for energy savings calculations are useful and gave an overview of standards dealing with bottom-up methods focusing on ISO 50046 predicted energy savings. Evaluation has shown that evidence makes energy savings more attractive to investors. Standards can play an important role in this process. Possible users include public authorities and ESCOs, or any stakeholder interested in a common framework for energy savings calculations.

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The Concerted Action for the Energy Efficiency Directive (CA EED) was launched by Intelligent Energy Europe (IEE) in spring 2013 to provide a structured framework for the exchange of information between the 29 Member States during their implementation of the Energy Efficiency Directive (EED).

For further information please visit www.ca-eed.eu or contact the CA EED Coordinator Lucinda Maclagan at lucinda.maclagan@rvo.nl



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