

EG on Certification

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Progress since the last ESC GC

- The EG has now met three times since the last ESC GC, with the last meeting being on 26 August.
- Both the EV/EVSE and the HP workstreams have continued to meet, formally 8 times for EV/EVSE and 6 times for HP.
- Both workstreams have continued to develop the technical input to technical annexes which may be incorporated within the NC RFG 2.0 and NC DC 2.0, as well as respond to the discussions with the Commission.
- Two discussions between the Expert Group (ie both workstreams) and the Commission have taken place on 03 and 15 July and one is planned for 15 September.
- The EV/EVSE workstream received a request from ENTSO-e in mid July to jointly review some aspects of LFSM-UC. A meeting to discuss the requirements is pending.
- Two new EV/EVSE workstream members have joined – one representing CENELEC and one representing Tesla. A further request has been received from ChargeUp Europe has been received, with the presumption it will be agreed to help ensure all key stakeholders are well informed and supportive of the positions the workstream develops

Discussions with the Commission - 1

- The chairs and vice chairs of the Expert Group and its workstreams met the Commission on 03 July and on 15 July.
- It included Commission officers from DG ENER and DG MOVE on 03 July, and also DG GROW at the 15 July meeting.
- At the 03 July meeting the Commission suggested that their internal thinking, although not finalised, was that the homologation and CE marking routes were very much the right way to go.
- The 15 July discussion recognized the complexity of including the compliance requirements within the homologation rules and the ecodesign (ie CE marking) regulations for HPs and for EVSE.
- The Commission confirmed that they would welcome technical input from the EG in the form of draft technical annexes to the NC RfG 2.0 and NC DC 2.0 – and that they would particularly welcome input which was widely shared and agreed between stakeholders.

Discussions with the Commission - 2

- At the 15/07 meeting there was a discussion on the relative timelines of the existing NC 2.0 approach versus an approach using homologation and CE marking.
- The EG agreed that, using its knowledge, the EG (or its workstreams) would sketch out how NC 2.0 compliance could work within the homologation and CE marking processes. This would include how it would be applied to new EV/HP designs, and how it would apply to existing models – and what the transition arrangements might be.
- The EV and HP workstream will thus try to illustrate how the compliance process could work within the ecodesign and vehicle homologation regulations.
- For EVs, there is a key manufacturer/national transport ministries/Commission meeting in October 2025, where explanation of the use of homologation/CE marking would be very useful to help the Commission turn all this into a mandate. The EV WS has been asked to present at it.
- For heat pumps there remains question about the alignment of the scope of the NC DC 2.0 with the ecodesign scope.

Focus of current activities

- Both WSs are working on the same two objectives:
 - Complete a draft of a technical annex;
 - Prepare for further discussions on compliance requirements with the Commission .
- For the EV WS, the current focus is on the NC RfG 2.0, whilst the HP focus is of course only on the NC DC 2.0. The EV WS will pick up the NC DC implications when the NC RfG work is mature.

EV workstream progress

- Technical Annex
 - A first complete draft is nearing completion.
 - Its main content is the split of functions between the EV and EVSE, and a series of compliance modules which are based on EN 50549-10 but updated for the RfG 2.0 requirements.
 - It also includes the high level requirements for the compliance scheme – but not yet recognizing the homologation or CE possibilities.
- Certification discussions with the Commission
 - The workstream has made a significant review of the detailed implications of using the CE and homologation routes to certification - as is to be expected there are lots of important points of detail to be examined.
 - At the time of writing the workstream is waiting for input from ACEA and CharIN – ie to ensure the workstreams's position has appropriate stakeholder agreement and backing.

HP workstream progress

- Technical Annex
 - Work continues on the draft, concentrating on the test methods necessary for a certification scheme.
 - The workstream is continuing to develop alternative thoughts on how LFSM-UC can be implemented by disconnexion at random frequencies, and tested, for further discussion with ENTSO-e
- Certification discussions with the Commission
 - At the time of writing a draft set of issues for accommodating the NC DC 2.0 requirements into the CE marking regulations has been drafted for discussion with the commission.

Commission meeting – 15 September

- A placeholder for oral feedback