



Årsrapport NK 69 – Elbiler for offentlig vei

Informasjon og medlemsdata finnes på komitesiden: <https://www.nek.no/nk69/>

Utviklingstrekk

During the past decade auto manufacturers and national EV demonstration programmes have proven the feasibility of electric road vehicle technology. Limited progress in battery performance and limited commercial availability of advanced batteries initially had biased the offer in battery-electric vehicles towards smaller vehicles in specific applications like urban environments, where range and speed are consistent with technological capability. Recent interests in battery technology and the emergence of plug-in hybrid vehicles however have led to a new interest in the grid-recharged electric vehicle and its infrastructure.

The electric drive train technology with its on-board components is also used in hybrid vehicles which are now penetrating the market, as well as in fuel cell vehicles which are being developed for the future. Grid connecting infrastructures are also applicable to plug-in hybrids which offer interesting opportunities and which are presenting themselves as a key step towards electrification of transport. There is a strong demand for the development of standardized infrastructures for this application.

Additionally, TC 69 standardization work and general EV technology is applicable to electric industrial trucks and electrically propelled buses.

Electrically propelled vehicle technology, which encompasses battery-electric, hybrid and fuel cell vehicles, has the potential for improving environmental conditions particularly in congested urban areas through allowing the deployment of zero-emission vehicles, and for enhancing energy security, through diversification of primary energy sources, improved energy efficiency and more effective environmental control techniques

Komiteens arbeid i 2018

Det ble avholdt ett komitemøte i 2018.

Nasjonalt

NEK har etablert et elbilforum. Det har ikke vært aktivitet i forumet i 2018, men dette kan aktiveres ved behov.

Internasjonalt

NK 69s intensjon er å ivareta norske interesser ved behandling og votering på dokumenter som utarbeides av IEC TC 69.

Tabellen gir et bilde av aktivitetsnivået i IEC og CENELEC.

Internasjonal aktivitet	IEC	CENELEC
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Publiserte standarder	20	12
Standarder under arbeid	26	20
Registrerte verv i komiteen	568	70

Relevante direktiv, forordninger og korresponderende norske forskrifter

EU direktiv/forordning	Norsk forskrift
Alternative fuels infrastructure directive	

Norsk innflytelse

NK 18 deltar i med 1 ekspert IEC.

