

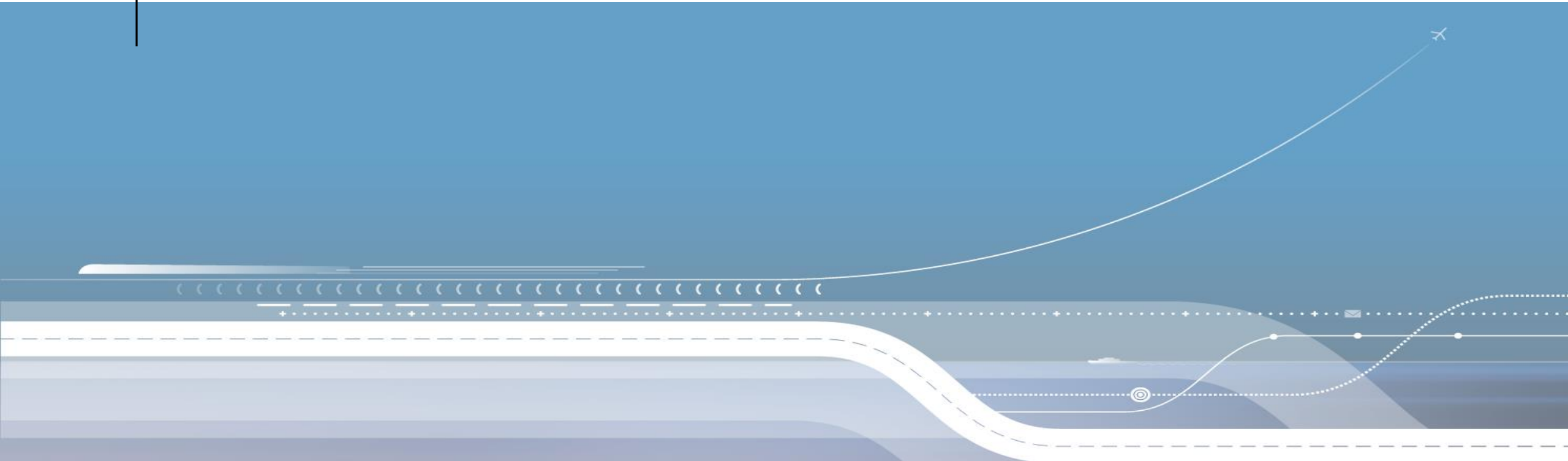


Samferdselsdepartementet

EU direktiv om infrastruktur for alternative energibærere i transport "Clean Power direktivet"

Arnhild Wartainen – seniorrådgiver i Samferdselsdepartementet

Gasskonferansen i Bergen 20. mai 2016



Disposisjon

1. Bakgrunn
2. Forpliktelser i direktivet
3. Status for innlemmelsen av direktivet i EØS avtalen

Bakgrunn

- Formålet er å bidra til å redusere avhengighet for olje og redusere miljøvirkningene av transport
- Handler om infrastruktur for alternative drivstoff til transportformål.
- Trådte i kraft i EU november 2014
- Skal være gjennomført i medlemslandene innen 18 november 2016

I

(Legislative acts)

DIRECTIVES

**DIRECTIVE 2014/94/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
of 22 October 2014
on the deployment of alternative fuels infrastructure
(Text with EEA relevance)**

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on the Functioning of the European Union, and in particular Article 91 thereof,

Having regard to the proposal from the European Commission,

After transmission of the draft legislative act to the national parliaments,

Having regard to the opinion of the European Economic and Social Committee ⁽¹⁾,

Having regard to the opinion of the Committee of the Regions ⁽²⁾,

Acting in accordance with the ordinary legislative procedure ⁽³⁾,

Whereas:

- (1) In its Communication of 3 March 2010 entitled 'Europe 2020: A strategy for smart, sustainable and inclusive growth', the Commission aims at enhancing competitiveness and energy security by a more efficient use of resources and energy.
- (2) The Commission's White Paper of 28 March 2011 entitled 'Roadmap to a Single European Transport Area — Towards a Competitive and Resource Efficient Transport System' called for a reduction in the dependence of transport on oil. This needs to be achieved by means of an array of policy initiatives, including the development of a sustainable alternative fuels strategy as well as of the appropriate infrastructure. The Commission's White Paper also proposed a reduction of 60 % in greenhouse gas emissions from transport by 2050, as measured against the 1990 levels.
- (3) Directive 2009/28/EC of the European Parliament and of the Council ⁽⁴⁾ sets a market share target of 10 % of renewables in transport fuels.
- (4) Based on the consultation of stakeholders and national experts, as well as the expertise reflected in the Communication from the Commission of 24 January 2013 entitled 'Clean Power for Transport: A European alternative fuels strategy', electricity, hydrogen, biofuels, natural gas, and liquefied petroleum gas (LPG) were identified as currently the principal alternative fuels with a potential for long-term oil substitution, also in light of their possible simultaneous and combined use by means of, for instance, dual-fuel technology systems.

⁽¹⁾ OJ C 271, 19.9.2013, p. 111.

⁽²⁾ OJ C 280, 27.9.2013, p. 66.

⁽³⁾ Position of the European Parliament of 15 April 2014 (not yet published in the Official Journal) and decision of the Council of 29 September 2014.

⁽⁴⁾ Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC (OJ L 140, 5.6.2009, p. 16).

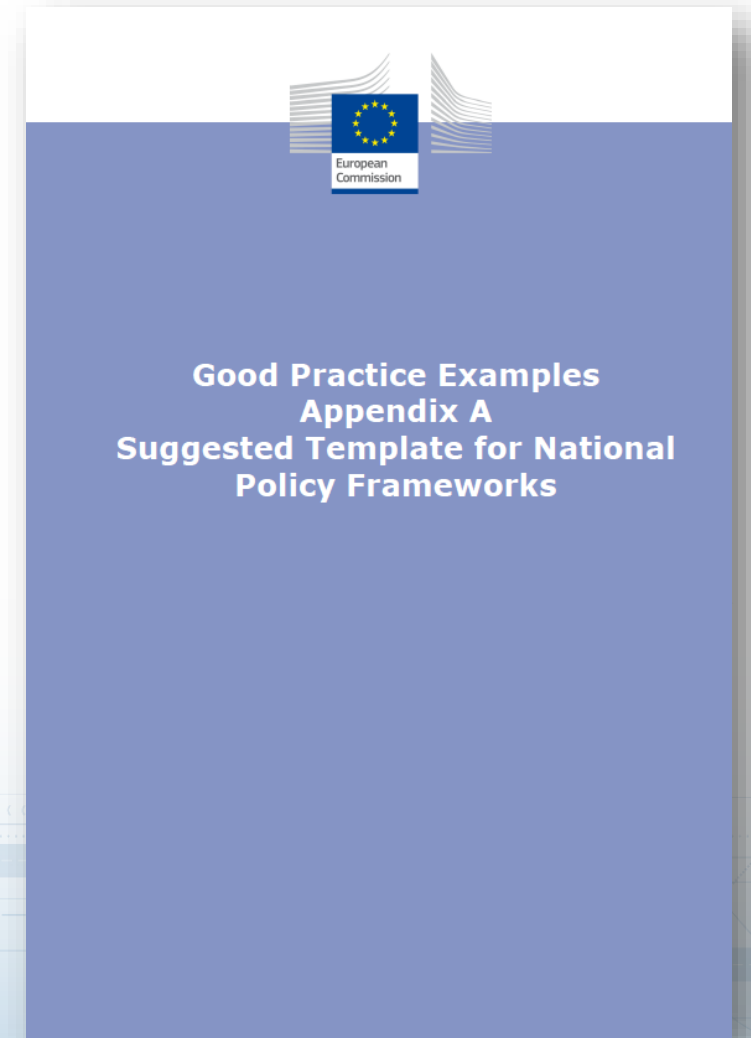
Forpliktelser i direktivet

1. Nasjonalt virkemiddlerammeverk
2. Tekniske krav for lade- og fyllestasjoner
3. Brukerinformasjon



Artikkel 3: Et nasjonalt virkemiddelrammeverk

- En plan over hvordan man vil utvikle infrastrukturen for alternative drivstoff
- Nasjonale målsetninger og virkemidler
- Frivillig mal publisert av EU kommisjonen, basert på annex 1 i direktivet.
- Frist 18. november 2016



Artikkel 4: Elektrisitet

- Det skal være tilstrekkelig antall offentlig tilgjengelige ladestasjoner for kjøretøy
- Tekniske standarder til ladeinfrastruktur
 - AC: Type 2 (EN 62196-2)
 - DC: Combo 2(EN 62196-3)
- Smarte målere, ad hoc tilgang til lading
- Vurdere behov for landstrøm i havner
 - Teknisk standard (ISO 80005-1)



Type 2 AC lader

Artikkel 5: Hydrogen

- Ikke krav til en plan for hydrogenfyllestasjoner
- Om hydrogen inkluderes, skal det være tilstrekkelig antall offentlig tilgjengelige hydrogenfyllestasjoner
- Tekniske standarder for hydrogenfylling
 - ISO 20100



Artikkel 6: Naturgass

- Landene skal definerer tilstrekkelig antall:
 - LNG fyllestasjoner i havner
 - Offentlig tilgjengelige LNG og CNG fyllestasjoner for kjøretøy
- TEN-T Core nettverket
- Tilstrekkelig LNG distribusjon
- Kommisjonen jobber med standardisering
 - CNG: ISO 14469, del II og III



Kilde: CNG / LNG Finder: <http://www.nvga.be>

Artikkel 7: Brukerinformasjon

- Merkeordninger for mulighet til å bruke alternative drivstoff i kjøretøy
- Sammenligning av drivstoffpriser ved fyllestasjoner for gass og hydrogen
- Tilgjengeliggjøre informasjon om lokalisering av lade- og fyllestasjoner



The screenshot displays the Ladestasjoner.no website. At the top, there is a blue ribbon logo and the text "Ladestasjoner.no". Below this, a green icon of a gas pump is labeled "CNG / LNG". The main heading is "CNG / LNG Finder" with a 4-star rating and the text "Ice Design Transport". Below the heading, it says "Ingen aldersgrense" and "Denne appen er kompatibel med noen av enhetene dine." There are buttons for "Legg til i ønskelisten" and "Installer".

Below the app information, there are three panels showing search results for CNG/LNG stations. The first panel is a list of stations with details like name, address, and distance. The second panel is a map showing the location of the selected station. The third panel is a detailed view of the selected station, showing the name, address, and other details.

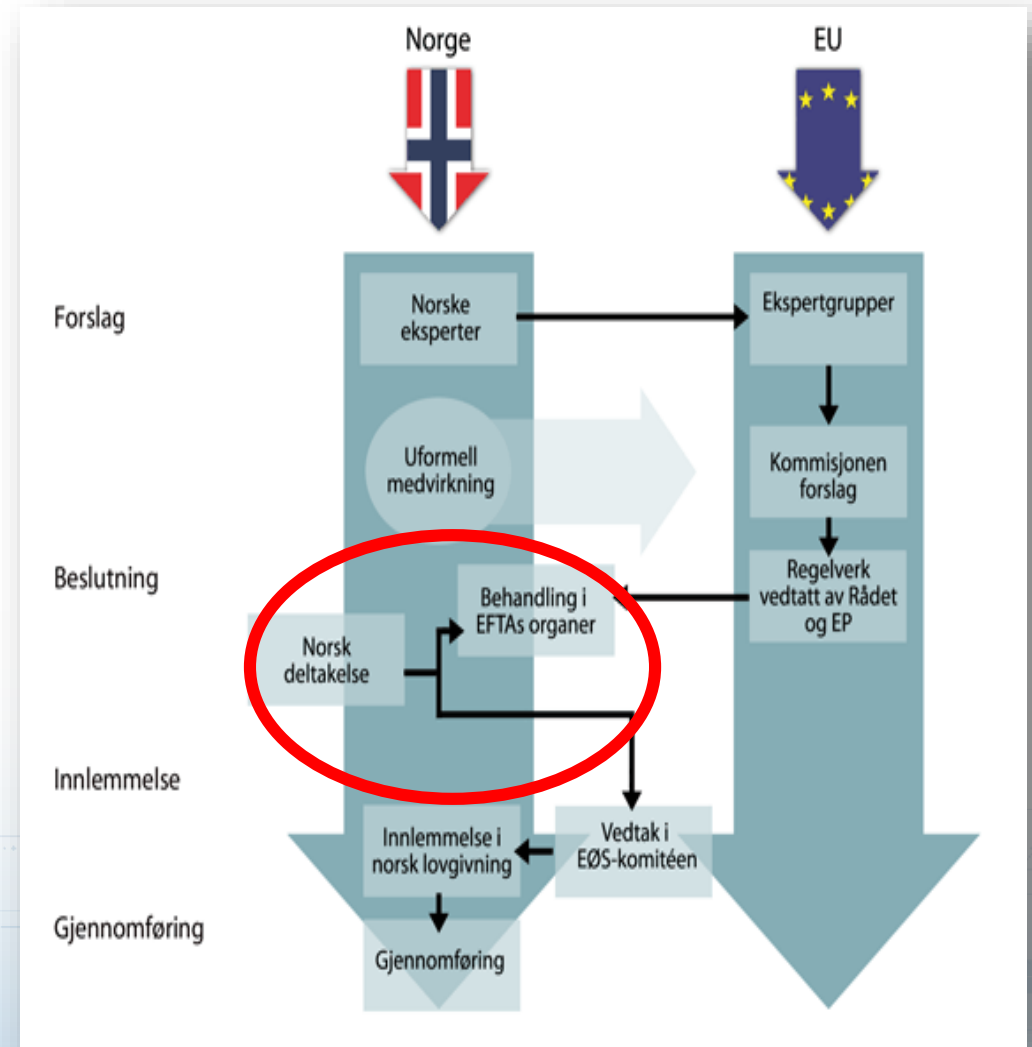
Station Name	Address	Distance
GPS Sint-Katelijne-Waver	Mechelsesteenweg 82 2860 Sint-Katelijne-Waver (BE)	19,28 km
Electrabel Mechelen	Elektricitetstraat 68 2800 Mechelen (BE)	22,36 km
DATS 24 Lier	Antwerpsesteenweg 346 2500 Lier (BE)	24,04 km
DATS 24 Zaventem	Leuvensesteenweg 500	

Kilde: CNG / LNG Finder: <http://www.nvga.be>



Status for innlemmelsen av direktivet i EØS avtalen

- Under vurdering i EØS/EFTA
- Norge mener direktivet er EØS-relevant og akseptabelt
- Liechtenstein ber om unntak for direktivet og Island har ikke ferdigstilt sin posisjon
- Direktivet vil ikke gjelde Norge før det er innlemmet i EØS avtalen



Mer info?

EØS notatbasen:

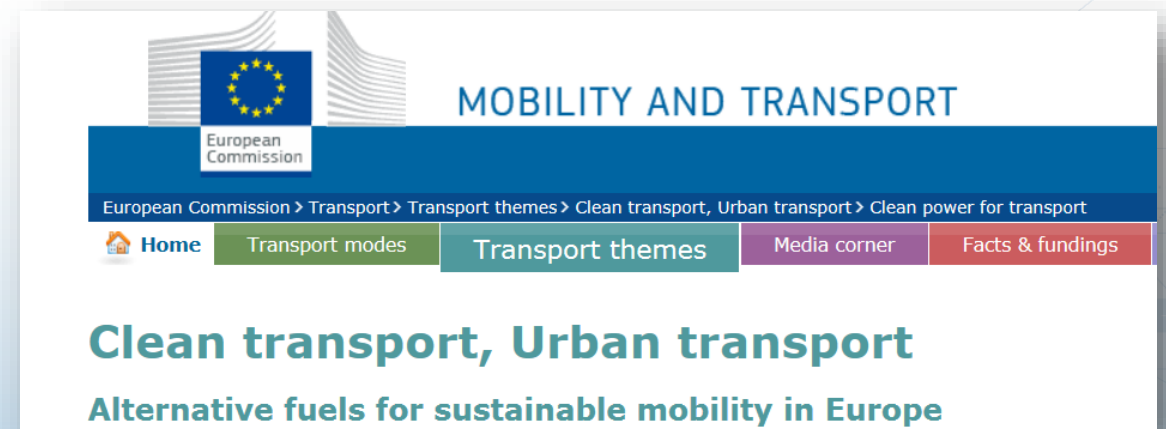
<https://www.regjeringen.no/no/sub/eos-notatbasen/notatene/2013/juni/forslag-til-europaparlamentets-og-radsdirektiv-om-distribusjon-av-infrastruktur-for-alternative-energibarerere/id2433607/>

EU kommisjonens hjemmesider:

http://ec.europa.eu/transport/themes/urban/cpt/index_en.htm



The screenshot shows the Norwegian government website (Regjeringen.no) with a dark blue header. The main content area is white and features the title "Clean-Power direktivet" in a large, bold font. Below the title, there is a subtitle in Norwegian: "Europaparlamentets- og rådsdirektiv om infrastruktur for alternative energibærere i transport". A short English description follows: "Directive of the European Parliament and of the Council on the deployment of alternative fuels infrastructure". At the bottom of the page, it says "EØS-notat | 03.03.2016". The top navigation bar includes "Tema", "Dokument", "Aktuelt", and "Departement" with dropdown arrows. A breadcrumb trail reads "Du er her: regjeringen.no • EØS-notatbasen • Clean-Power direktivet".



The screenshot shows the European Commission website for "MOBILITY AND TRANSPORT". The header features the European Commission logo and the text "MOBILITY AND TRANSPORT". Below the header, there is a navigation menu with "Home", "Transport modes", "Transport themes", "Media corner", and "Facts & fundings". The main content area has the title "Clean transport, Urban transport" in a large, bold font, followed by the subtitle "Alternative fuels for sustainable mobility in Europe". The breadcrumb trail reads "European Commission > Transport > Transport themes > Clean transport, Urban transport > Clean power for transport".





Samferdselsdepartementet

Takk for oppmerksomheten

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