

H2 and fuel cell technologies in Akershus

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Regional plan for climate and energy

- Reduced climate emissions with **50 %** of 1991 emissions **in 2030**, in spite of strong population growth
- Public transport, bike and feet instead of private car





Meld. St. 33

(2016–2017)

Melding til Stortinget

Nasjonal transportplan 2018–2029



**National transport plan
2018-29:**

**All new passenger cars
and vans emission free
from 2025.**

Akershus and Oslo:

**Public transport
emission free in 2028**

**Emission free transport
sector from 2030.**

Hydrogen strategy for Oslo and Akershus targets for 2025

- A sufficient network of HRS, linked to a national, Scandinavian and European infrastructure
- Targets for 2025:
 - More than 10 000 FCV in the region
 - 500 FC taxis
 - 100 FC buses





Regional and national policies:

- **Support for investment in hydrogen filling stations**
- **Support for operative costs in the start up periode**
- **Buss and car deployment**

Hydrogen strategy - action plan - results

Situation in the beginning of 2019:

3 HRS in Akershus

2 stations for passenger cars – 140 cars in Norway

1 for buses – 5 buses

1 station in planning

Situation today:

2 stations for passenger cars – 170 cars

1 for buses - 5 buses

2 stations in planning

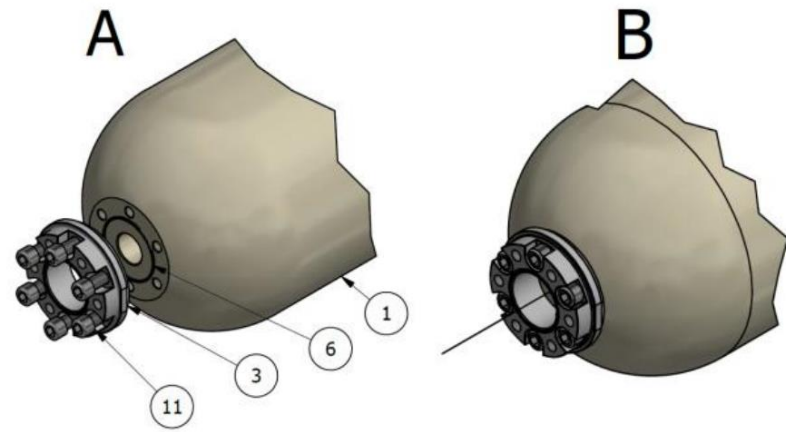
Only the HRS for buses are open. All stations for passengers cars in Norway are closed.
We hope the stations will be reopened soon.



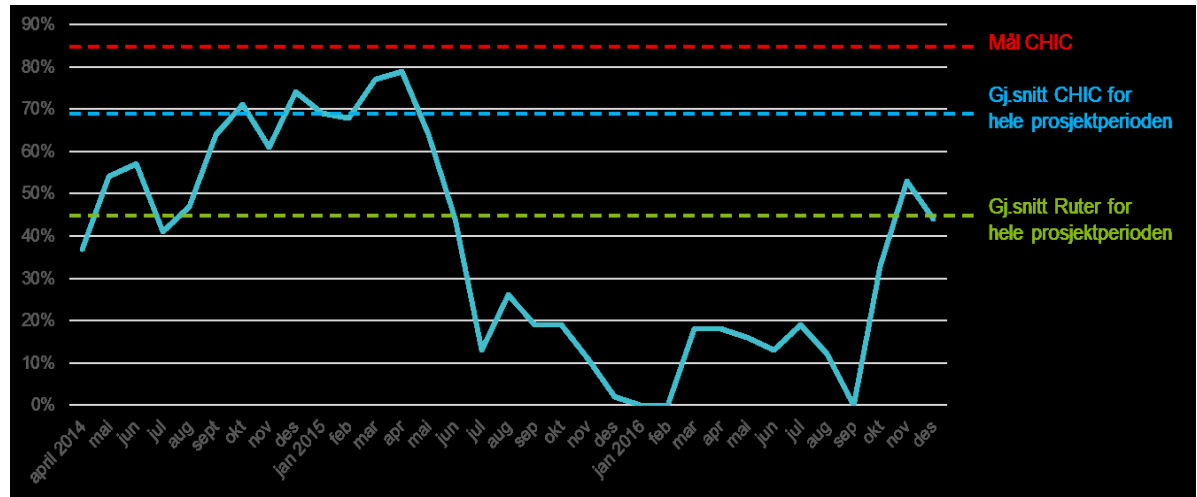


Explosion in hydrogen station June 10th 2019

**Installation error.
A plug in one of the
hydrogen tanks was
insufficiently tightened**



CHIC – A ZERO EMISSION BUS PROJECT HELPING TO MEET EU



2012-2016

56 FC buses i 6 European regions

Oslo/Akershus: 5 buses

JIVE 2:



Deploying 10 FC buses in Oslo and Akershus

