

# SDG 7 Access to Electricity

## - Gas based power production

1 BCM/yr

*Natural gas as baseload and partner for renewables*

5,5 billion KWH/yr



Household of five  
500 KWH/yr  
(basic needs)

- Basic needs:
  - Light
  - Fan
  - Phone
  - Refrigerator
  - TV

11 mill households or  
55 million people



Combined cycle gas turbine

# SDG 9 Industry and job creation

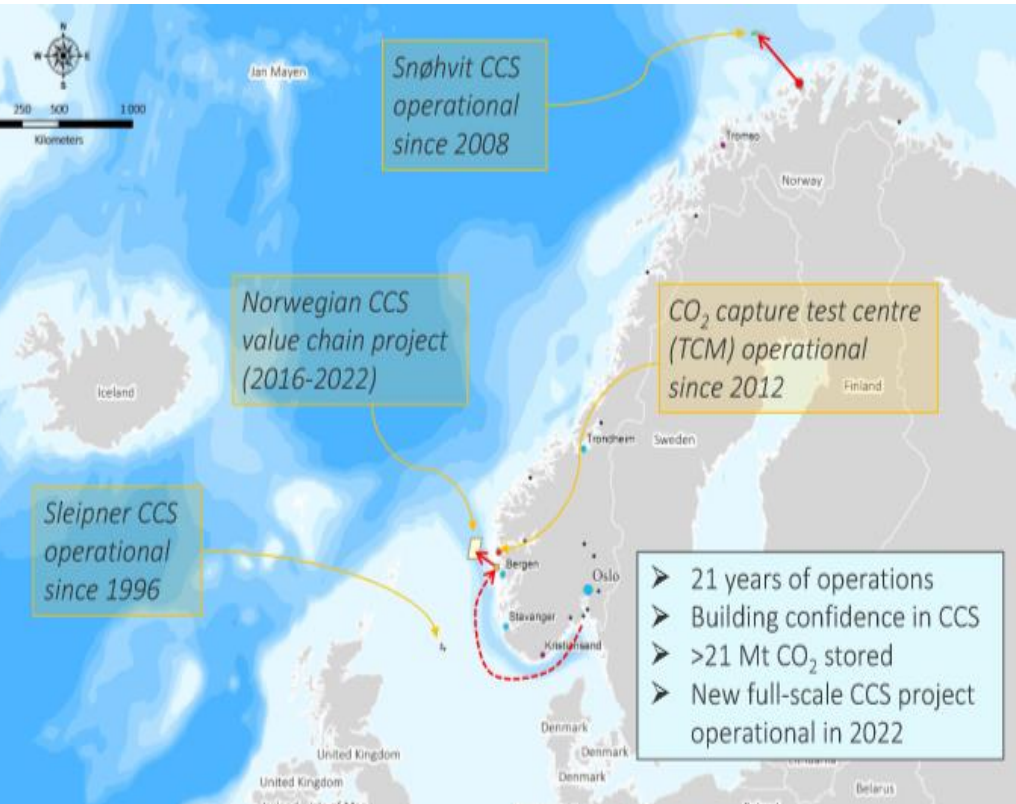
## Industrial uses of natural gas:

- Ammonia/Urea production  $1 \text{ bcm/yr} = 1,8 \text{ mill T fertiliser}$
- Methanol production  $1 \text{ bcm/yr} = 1,1 \text{ mill T methanol}$
- Petrochemical industry
- Service industry upstream and downstream
- Education, competence development
- Adding value to society



***Industry: supporting social and economic development!***

# The Norwegian CO<sub>2</sub> scheme - a potential European CCS roll-out?



Distances to Kollsnes:  
Norway 600 km; Teesside 750 km; Rotterdam 900 km