



## Energiledelse for klima & forsyningsikkerhet – Norge og EU

Oddvin Breiteig, Nelfo, Standard Morgen 11. nov 2022







Regjeringen.no

## Nytt norsk klimamål på minst 55 prosent

Pressemelding | Dato: 03.11.2022

Norge melder inn et forsterket klimamål til FN før klimatoppmøtet i Egypt. Det nye målet er å redusere utslippene med minst 55 prosent innen 2030.

- Jeg er glad for å kunne annonsere at Norge forsterker sitt mål til minst 55 prosent. Dette sender et sterkt signal til andre land, og vi håper flere vil forsterke sine mål, sier statsminister Jonas Gahr Støre.

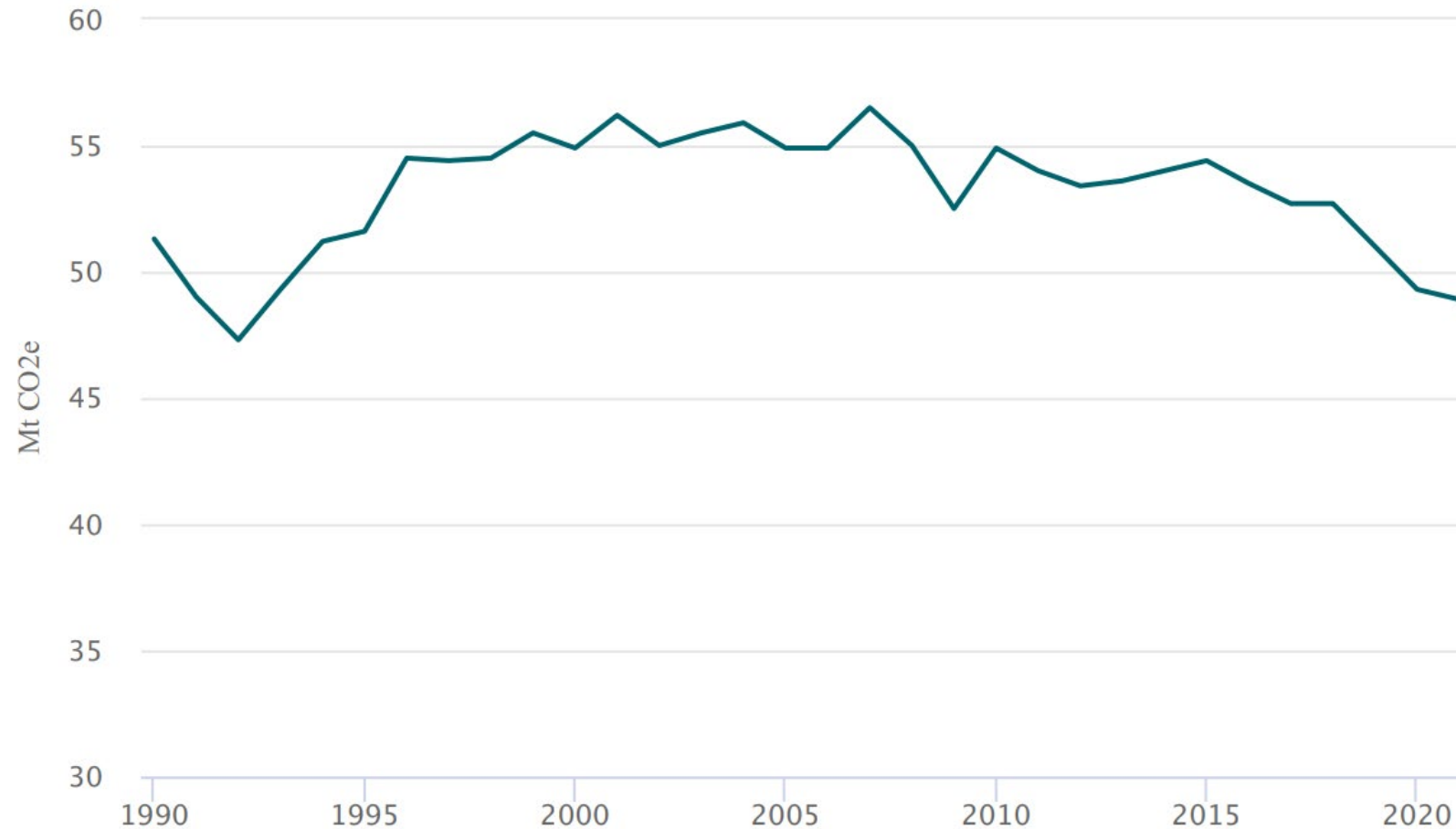


Klimamål  
**55%**



# Norges utslipp av klimagasser (mill tonn CO<sub>2</sub>-ekvivalenter)

Inkl. alle klimagasser: Karbondioksid, metan, lystgass, hydrofluorkarboner, perfluorkarboner, sovelheksafluorid.



Inkluderer ikke utslipp og opptak fra skog og arealbruksendringer.

Kilde: SSB

<https://energiogklima.no/klimavakten/norges-utslipp/>

Elektrifisering er det viktigste klimatiltaaket

## Norges totale klimagassutslipp i 2021

Millioner tonn CO<sub>2</sub>-ekvivalenter 48,9





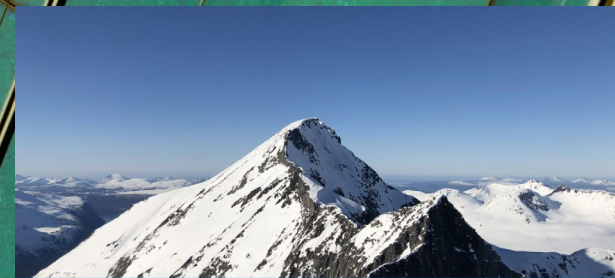
Vi trenger  
**55 TWh**

For å nå  
klimamål på  
**55%**



Vi trenger  
**55 TWh**

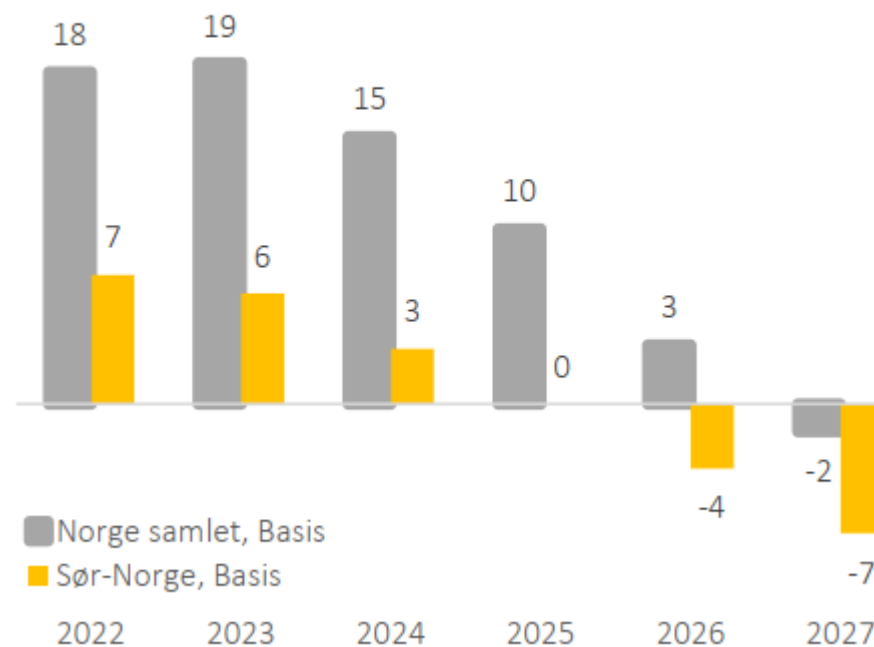
Økonomisk potensial fra  
energieffektivisering, varmepumper  
og solkraft på bygg  
**20-30 TWh**



Kortsiktig Markedsanalyse 2022-27  
November 2022

Statnett

Norsk gj.snittlig årlig energibalanse (TWh)





## Stand with Ukraine: Let's stop fueling war!

We need a renovation revolution. Time to insulate homes, to save energy, and to accelerate our transition into renewable energy so we immediately reduce our dependence on fossil fuels.

We must end this energy dependency and accelerate to a 100% renewable economy.

By doing so, we are helping the people of Ukraine fight for their freedom.”

[https://act.greens-efa.eu/ukraine?source=gg\\_twitter\\_2022-05-10](https://act.greens-efa.eu/ukraine?source=gg_twitter_2022-05-10)



# INSULATE HOMES.

# ISOLATE PUTIN.



We stand  
with Ukraine

# EUs tilnærming er *energy efficiency first*

2019



2021



2022

# REPowerEU

## REPOWEREU TO CUT OUR DEPENDENCE ON RUSSIAN GAS



**More rooftop solar panels, heat pumps and energy savings** to reduce our dependence on fossil fuels, making our homes and buildings more energy efficient.



**Decarbonising Industry** by accelerating the switch to electrification and renewable hydrogen and enhancing our low-carbon manufacturing capabilities.



**Speeding up renewables permitting** to minimise the time for roll-out of renewable projects and grid infrastructure improvements.



2030

**Doubling the EU ambition for biomethane** to produce 35 bcm per year by 2030, in particular from agricultural waste and residues.



**Diversifying gas supplies** and working with international partners to move away from Russian gas, and investing in the necessary infrastructure.



**A Hydrogen Accelerator** to develop infrastructure, storage facilities and ports, and replace demand for Russian gas with additional 10 mt of imported renewable hydrogen from diverse sources and additional 5 mt of domestic renewable hydrogen.





# Utdrag av EUs hurtigtog for å bli uavhengig av russisk gass



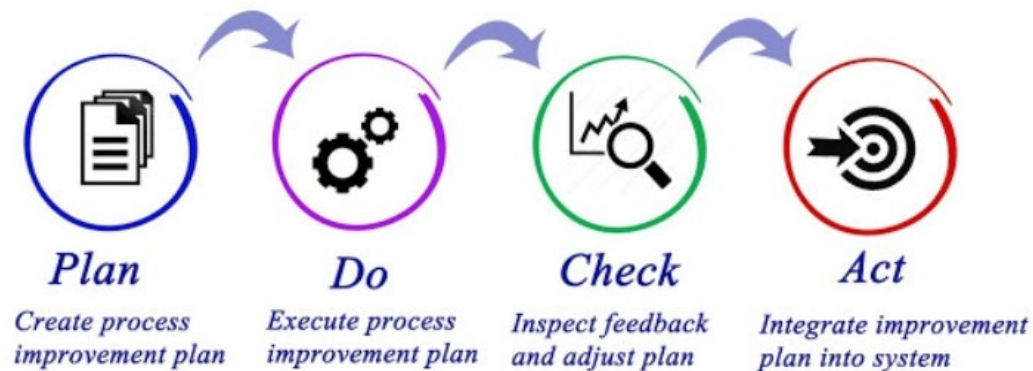
- Høye energipriser diskutert siden oktober 2021
- Krigsutbruddet -> REPowerEU 8. mars 2022 og konkretisert 18. mai 2022
- EED revideres: Energieffektiviseringsmål økt fra 9 % til 13% (14,5%) i 2030
  - Støtteordninger, påbud og informasjonskampanjer
  - Økte krav til energirevisjoner
  - Raskere overgang til nullutslipp transport (elektrisk = energieffektiv)
- EPBD revideres: Solkraftstrategi – med bl.a. krav om solkraft på bygg
  - Innen des 2026: Nye offentlige og kommersielle bygg > 250 m<sup>2</sup>
  - Innen des 2027: Eksisterende offentlige og kommersielle > 250 m<sup>2</sup>
  - Innen des 2029: Alle nye bolighus skal ha solceller
- 10 millioner nye varmepumper innen fem år
- Andre kortsiktige tiltak for å spare strøm og gass vinteren 2022/23
- En rekke regulatoriske revisjoner i gass- og elektrisitetsmarkedet



# Standardisering sikrer måloppnåelse



## *PDCA: Plan-Do-Check-Act*



- To tap the energy savings potential in certain market segments where energy audits are generally not offered commercially (such as small and medium-sized enterprises (SMEs)),
- Member States should develop programmes to encourage SMEs to undergo energy audits. Energy audits should be mandatory and regular for large enterprises, as energy savings can be significant.
- Energy audits should take into account relevant European or International Standards, such as EN ISO 50001 (Energy Management Systems), or EN 16247-x (Energy Audits)



# Øvrig EU regelverk – krever felles metoder og bruk av standarder

## SolarPower Europe Statement: Abiding by Human Rights Standards

We strongly condemn the... which has been the subject... to better understand the... and as a sector that stands... the entire supply chain... labour and human rights... at Work or the UN Guiding... practices, including... for Responsible Mining... other European sectors... increasing the transparency... actively contribute to... governance, drafted... to further cooperation... human rights violations... transparency and... sustainability. We... of an EU solar industry... integrated in an... issue further, ... region, in order ... very seriously, ... to ensure that ... to respect the ... Principles and Rights ... on sustainability ... Diligence Guidance ... Human Rights. As ... importance of ... other sectors. We will ... corporate ... are looking forward ... support in addressing ... supply chain ... is a champion of ... support the strengthening ... while remaining ...

**Solar Sustainability**  
Best Practices Benchmark

SolarPower Europe



**THE EU TAXONOMY**

*A tool to help investors understand whether an economic activity is environmentally sustainable, and to navigate the transition to a low-carbon economy.*



Takk for  
oppmerksomheten

