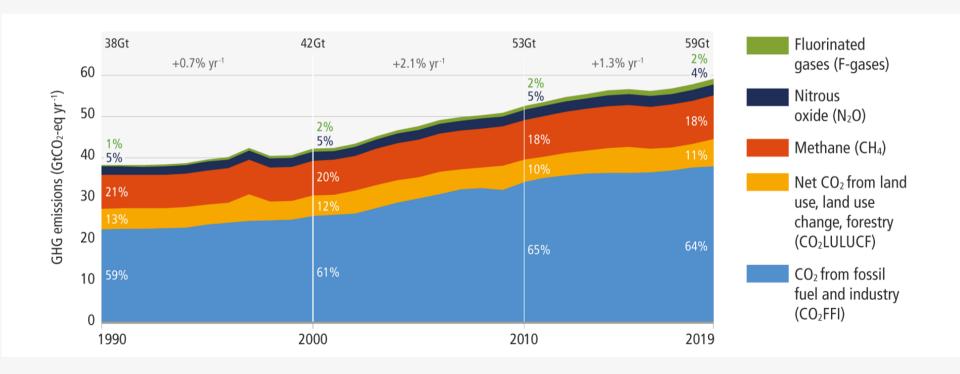
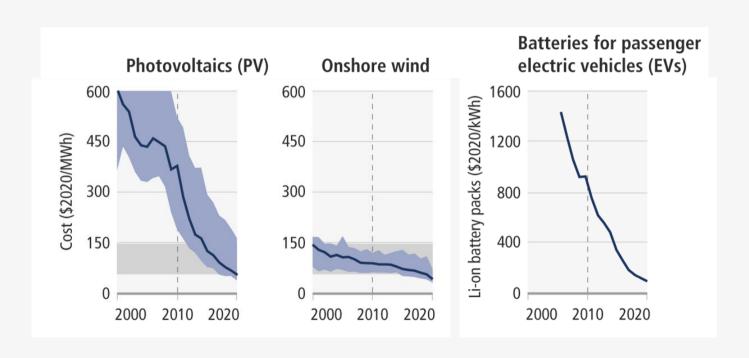




#### De uitstoot van broeikasgassen blijft stijgen

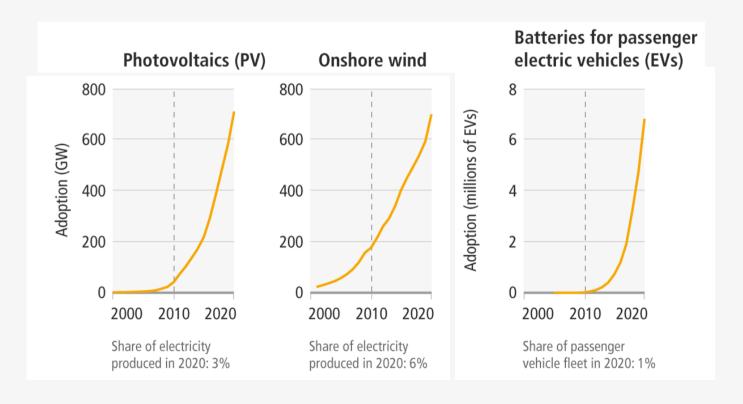


# De kosten van belangrijke energietechnologie zijn de laatste decennia sterk gedaald ....





#### ... en de toepassing van deze technologie is sterk toegenomen.



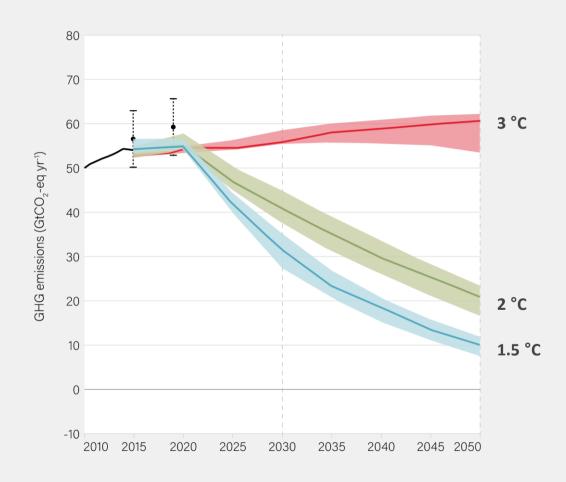
## Wat is er nodig?

#### Beperken opwarming tot 2°C

 Wereldwijde uitstoot broeikasgassen in 2030 27% lager dan nu

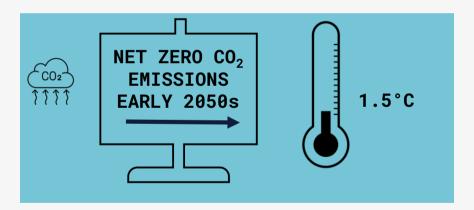
#### Beperken opwarming tot 1.5 °C

 Wereldwijde uitstoot broeikasgassen in 2030 43% lager dan nu





Hoe dan ook moeten we in de loop van deze eeuw de **netto uitstoot** van CO2 naar **nul** terugbrengen

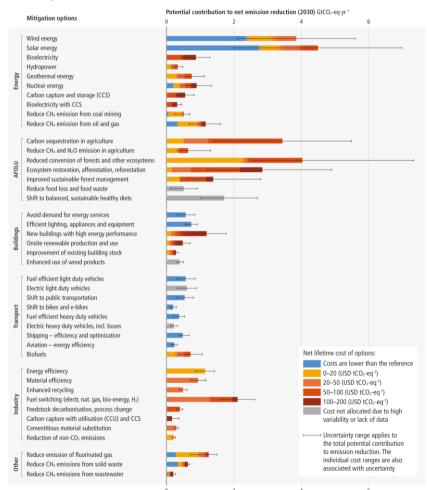






Unless there are immediate and deep emissions reductions across all sectors, 1.5°C is beyond reach.

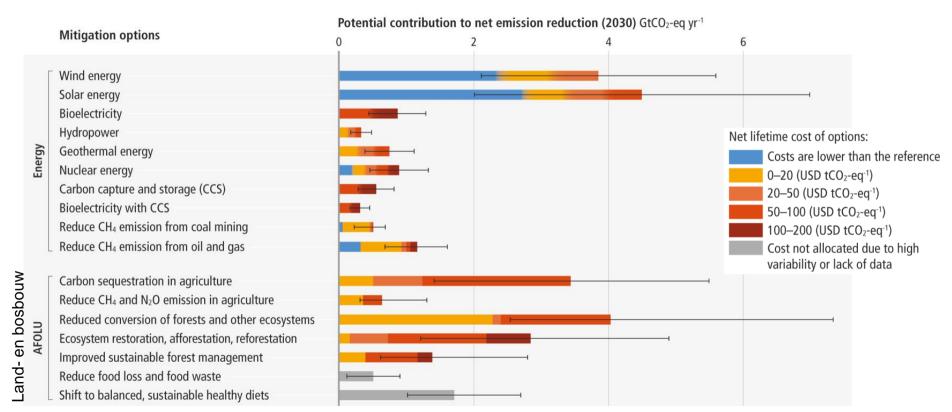
Er zijn veel opties – in alle sectoren – die de netto uitstoot van broeikasgassen al in 2030 aanzienlijk terug kunnen brengen. Many options available now in all sectors are estimated to offer substantial potential to reduce net emissions by 2030. Relative potentials and costs will vary across countries and in the longer term compared to 2030.



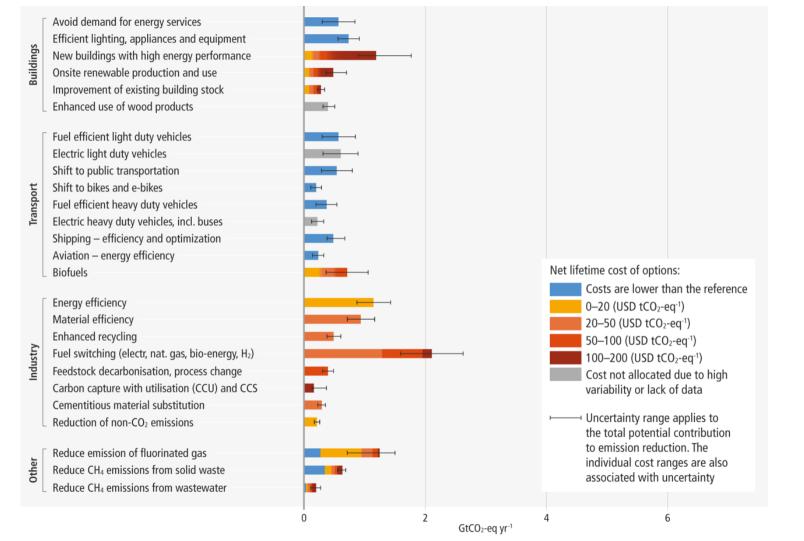
GtCO2-eq yr



Many options available now in all sectors are estimated to offer substantial potential to reduce net emissions by 2030. Relative potentials and costs will vary across countries and in the longer term compared to 2030.







# Voor dit decennium genoeg maatregelen om wereldwijde uitstoot te halveren

(minder dan 100 \$/tCO<sub>2</sub>e)

#### Groot en relatief goedkoop:

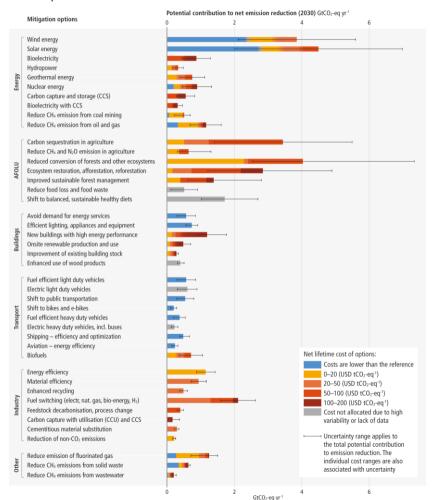
- wind
- zon
- energiebesparing
- stoppen ontbossing
- reductie methaan-uitstoot

#### Na 2030 een grotere rol voor:

- nieuwe brandstoffen (zoals waterstof)
- nieuwe industriele processen
- CO<sub>2</sub> uit de lucht halen



Many options available now in all sectors are estimated to offer substantial potential to reduce net emissions by 2030. Relative potentials and costs will vary across countries and in the longer term compared to 2030.

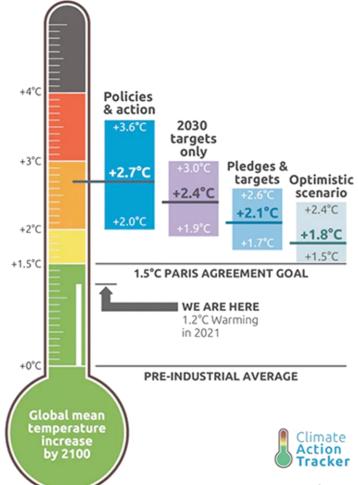


## Parijs-akkoord: het ratelmechanisme





# Where do we stand now?





Source: <a href="https://www.climateactiontracker.org">www.climateactiontracker.org</a>, version November 2021

## Meer lezen over het IPCC rapport

- Heel kort: <a href="https://www.nu.nl/klimaat/6193195/haast-in-klimaatstrijd-olie-kolen-en-gasverbruik-moet-binnen-8-jaar-gehalveerd.html">https://www.nu.nl/klimaat/6193195/haast-in-klimaatstrijd-olie-kolen-en-gasverbruik-moet-binnen-8-jaar-gehalveerd.html</a>
- Long read: <a href="https://www.carbonbrief.org/in-depth-qa-the-ipccs-sixth-assessment-on-how-to-tackle-climate-change">https://www.carbonbrief.org/in-depth-qa-the-ipccs-sixth-assessment-on-how-to-tackle-climate-change</a>
- Summary for Policy Makers, Technical Summary, volledige rapport: <a href="https://www.ipcc.ch/report/ar6/wg3/">https://www.ipcc.ch/report/ar6/wg3/</a>



#### Meer over de haalbaarheid van 2 °C

Nederlands: <a href="https://www.change.inc/future-leadership/professor-blok-via-ratelmechanisme-op-weg-naar-2-graden-opwarming-38854">https://www.change.inc/future-leadership/professor-blok-via-ratelmechanisme-op-weg-naar-2-graden-opwarming-38854</a>

Engels: <a href="https://kornelisblok.home.blog/2022/08/05/we-are-on-the-way-to-2-c/">https://kornelisblok.home.blog/2022/08/05/we-are-on-the-way-to-2-c/</a>





WORKING GROUP III - MITIGATION OF CLIMATE CHANGE

The evidence is clear:
The time for action is now

