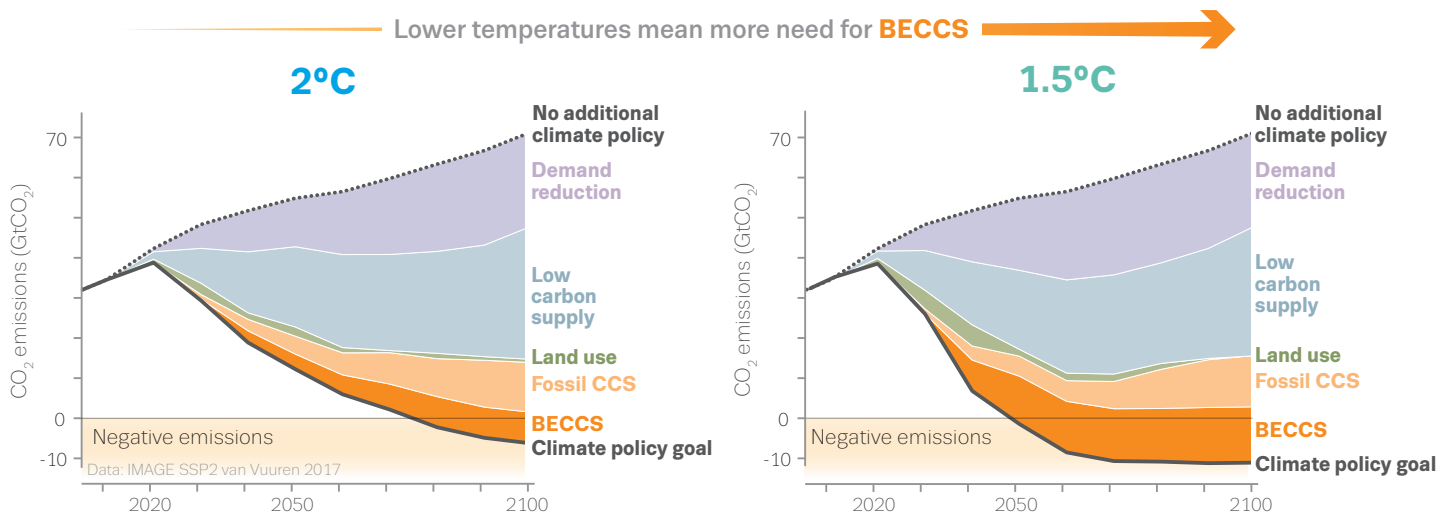


# Biomass Energy Carbon Capture and the Paris Agreement

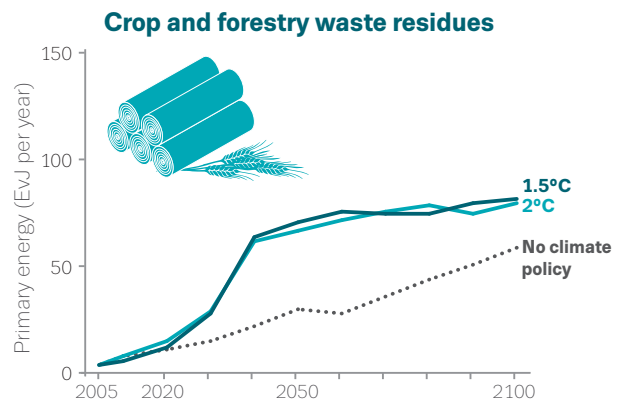
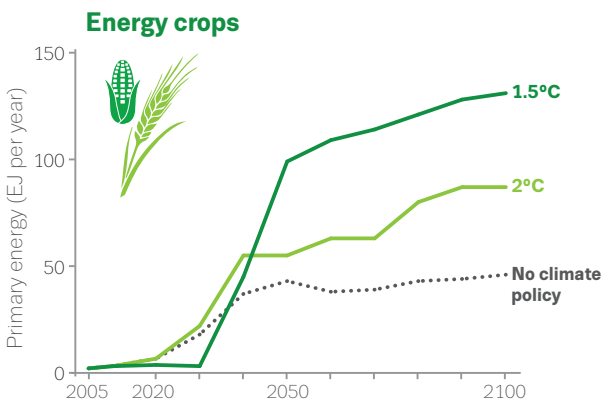
Limiting global warming well below 2°C requires the removal of CO<sub>2</sub> from the atmosphere.

**Biomass energy Carbon Capture and Storage (BECCS)** burns plant biomass to generate power without putting CO<sub>2</sub> pollution into the atmosphere

## Lower temperature goals require more negative emissions



## BECCS deployment requires a vast scale up of biomass energy



## BECCS deployment needs to increase from zero to mainstream by 2050

The future potential of BECCS cannot delay ambitious decarbonisation now

- BECCS is untested at large scale** (CO<sub>2</sub> icon)
- Deployment needs to be faster than historic rates in places of fossil fuel uptake** (droplet icon)
- Strong governance needed to avoid conflicts with food, water and land** (plant/water icon)
- Fuel crops likely to be grown where environmental standards are weak** (recycling icon)
- Carbon Capture and Storage adds to cost of electricity production** (lightning bolt icon)
- Carbon Capture and Storage requires major financial support** (£ icon)