

Appendix 2: Engineering and technology solutions



Biodiversity loss

- Satellite monitoring
- Autonomous underwater vehicles
- Camera traps
- Drone tracking
- Green walls and roofs



Air Quality

- Electric vehicles, incl. charging networks
- Rail electrification
- Fossil-free aircraft
- Active Travel



Waste management

- Plastic alternatives
- Recycling
- Design for repair
- Food waste reduction & processing
- Energy from waste

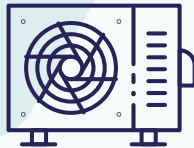


Appendix 2: Engineering and technology solutions



Built environment

- Retrofit: insulation and heat pumps
- Timber design
- Climate adaptation



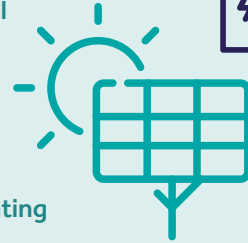
Agriculture

- Farming, incl. vertical
- Methane reduction
- Meat alternatives
- Reduced food waste

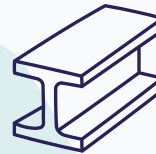


Energy and power

- Wind power
- Solar
- Wave & tidal
- Hydro
- Nuclear
- Biofuels
- Hydrogen
- District heating
- Energy storage
- Grid infrastructure
- Carbon capture & storage



Climate change

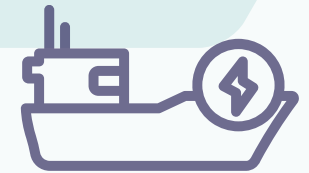


Industry

- Low-carbon steel
- Low-carbon concrete
- Energy efficient products
- Circular economy
- Design for repair

Transportation

- Electric vehicles, charging networks
- Rail electrification
- Electric planes, sustainable aviation fuel
- Electric shipping & ports, alternative fuels
- Increased cycling and walking (town planning)



CO2 removal and modelling

- Bioenergy with CCS (Carbon Capture Storage)
- Direct Air Capture with CSS
- Climate change modelling

