

Glossary

Baseline	A case with no CO ₂ emission target
CCSI _{Nov}	A case of technological innovation, which considers cost reduction of direct air capture and larger CO ₂ storage capacity (Table 3.2)
CN2050/2060	A case of net-zero CO ₂ emissions in 2050 or 2060, which considers carbon sinks
CN2050/2060_ _{Innovation}	Five cases describing the impacts of technological innovation (Table 3.2)
CN2050/2060_ _{Stringent2030}	A case where emission constraints are tightened in 2030 in CN2050/2060
CN2050/2060_ _{w/oCarbonSink}	A case of net-zero CO ₂ emissions by 2050 or 2060, which does not consider carbon sinks
Combo	A case of technological innovation, which considers all assumptions mentioned in Table 3.2
Dem _{Nov}	A case of technological innovation, which considers cost reduction of advanced end-use technologies (Table 3.2)
H ₂ _{Nov}	A case of technological innovation, which considers cost reduction of technologies related to supply and demand of H ₂ (Table 3.2)
Power _{Nov}	A case of technological innovation, which considers cost reduction of lithium-ion battery and expansion of international power grid (Table 3.2)