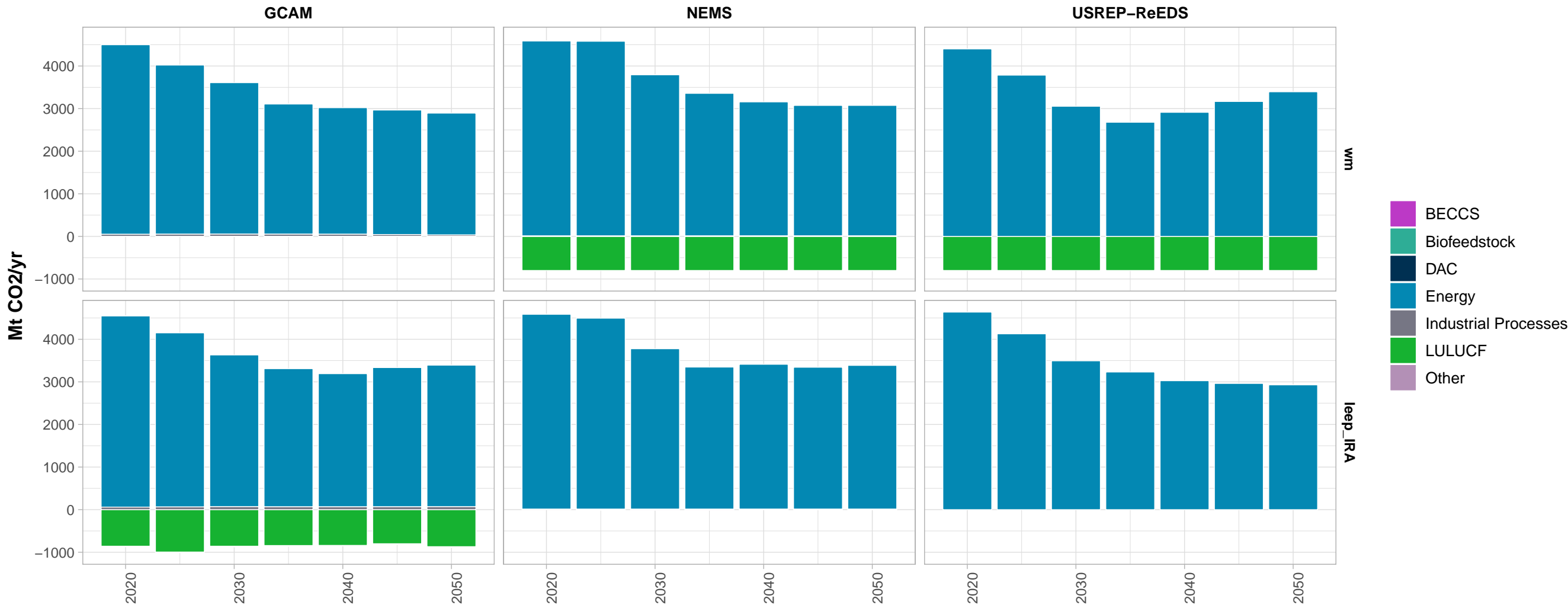
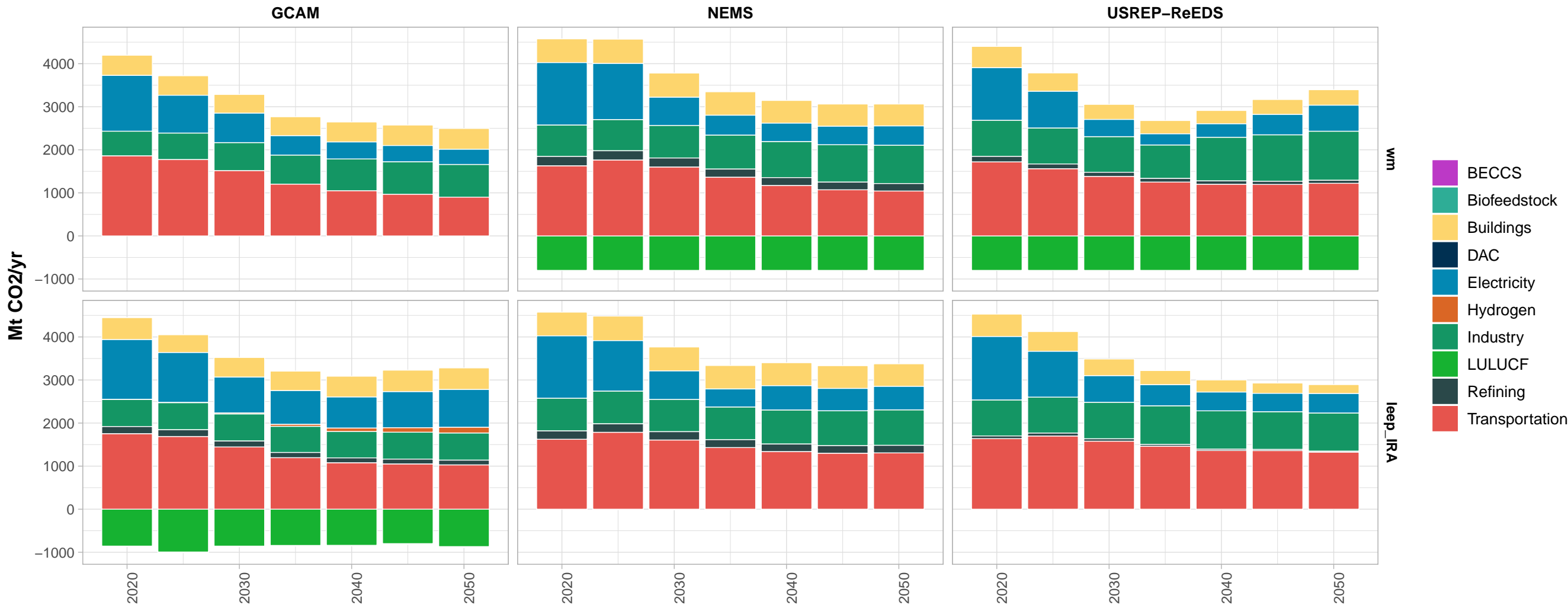


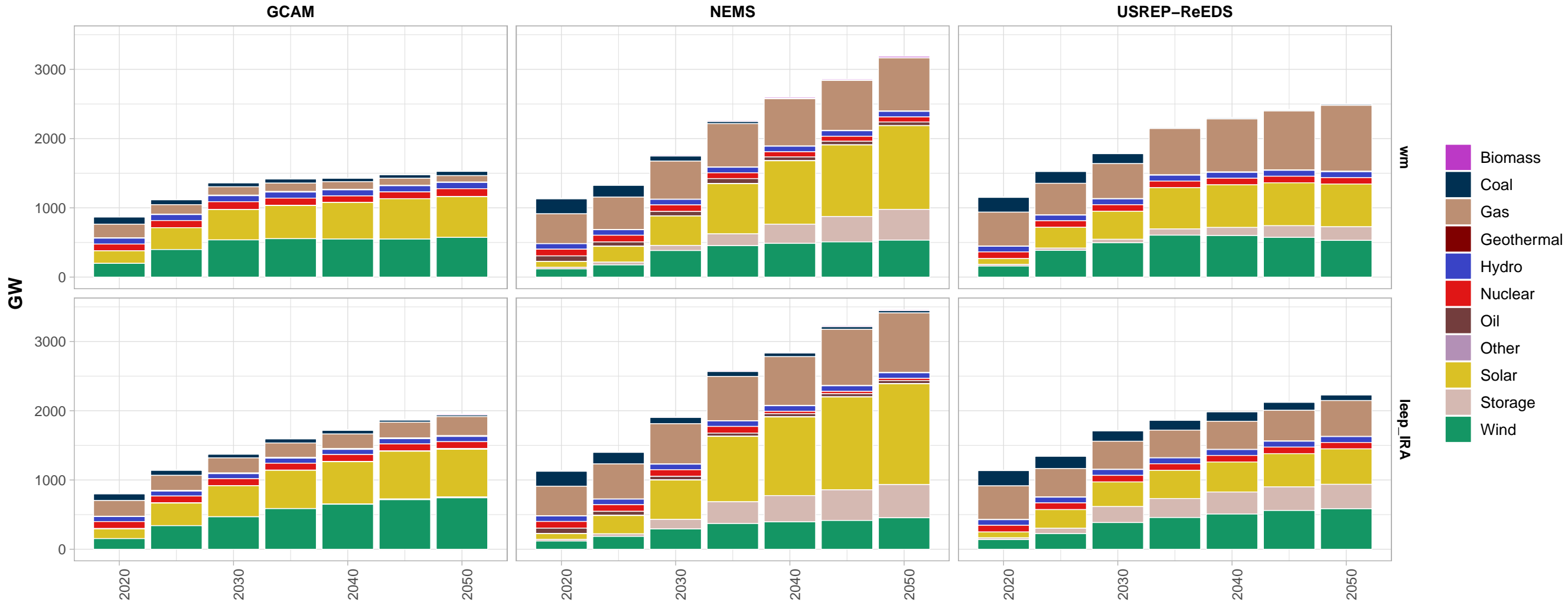
# CO2 Emissions: United States



# Sectoral CO2 Emissions: United States

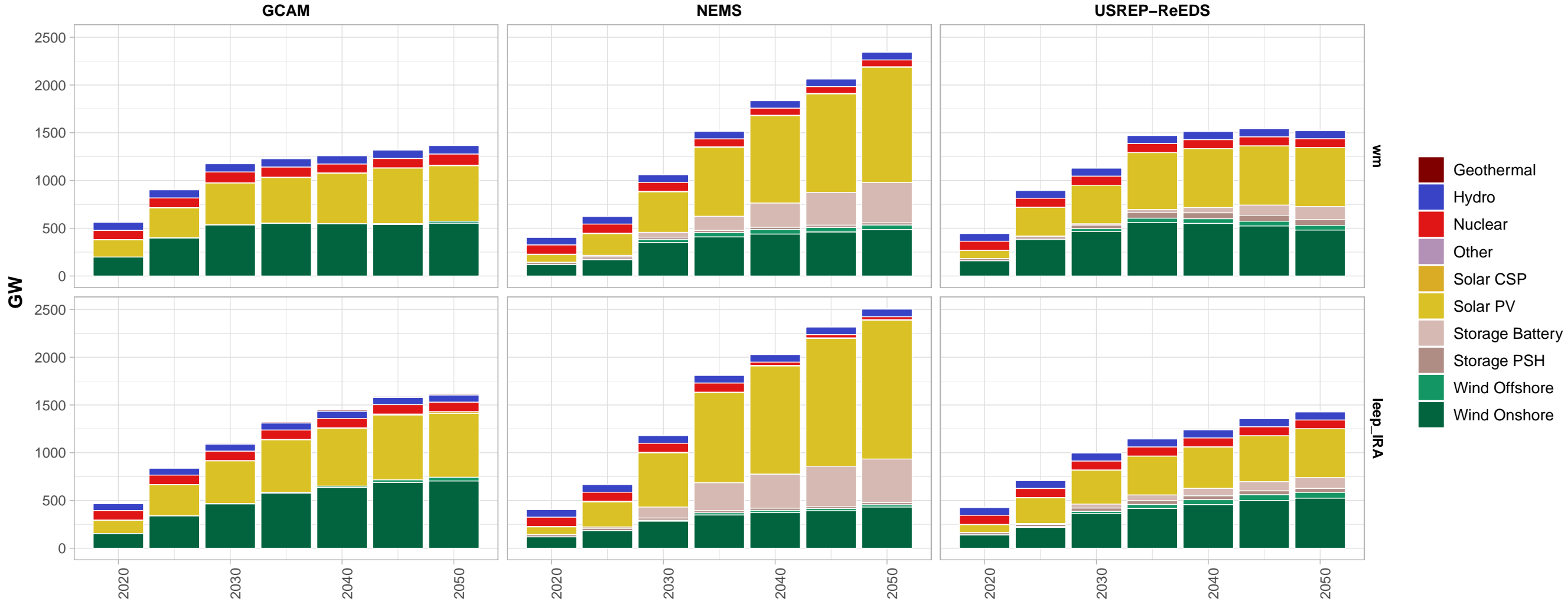


# Electricity Capacity: United States



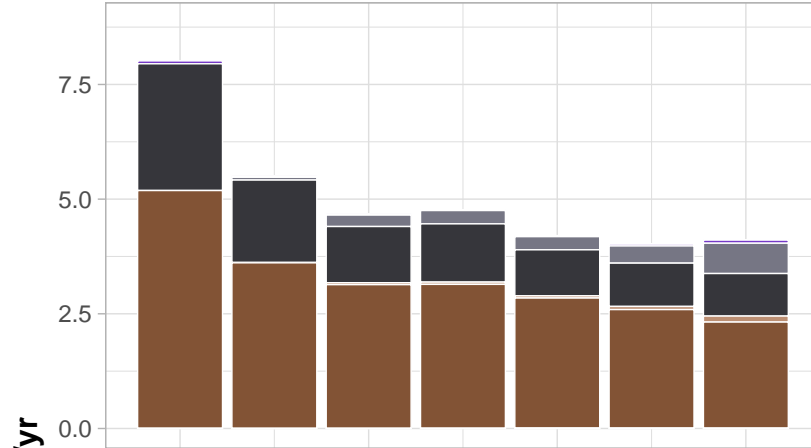


Electricity Capacity – Non-Combustion: United States

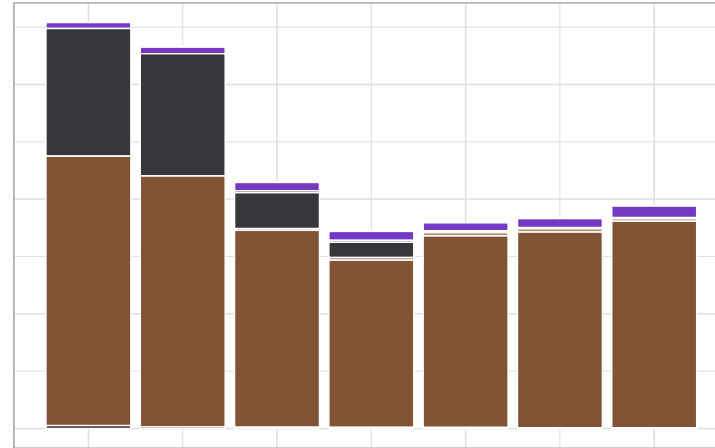


# Electricity Generation – Combustion: United States

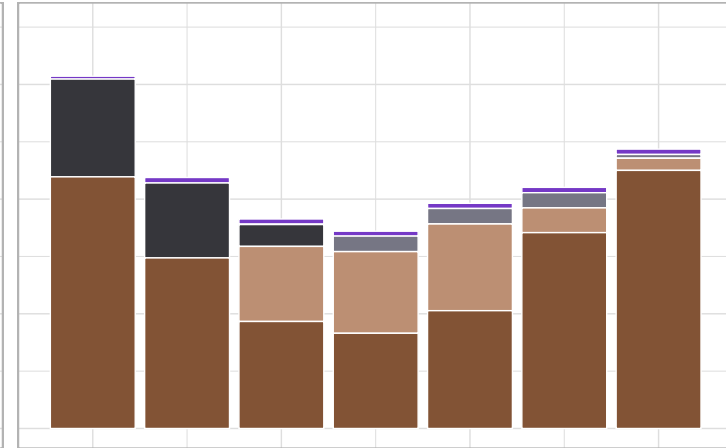
## GCAM



## NEMS



## USREP-ReEDS



EJ/yr

wm

leap\_IRA

- Biomass w/ CCS
- Biomass w/o CCS
- Coal w/ CCS
- Coal w/o CCS
- Gas w/ CCS
- Gas w/o CCS
- Hydrogen
- Oil w/o CCS

2020

2030

2040

2050

2020

2030

2040

2050

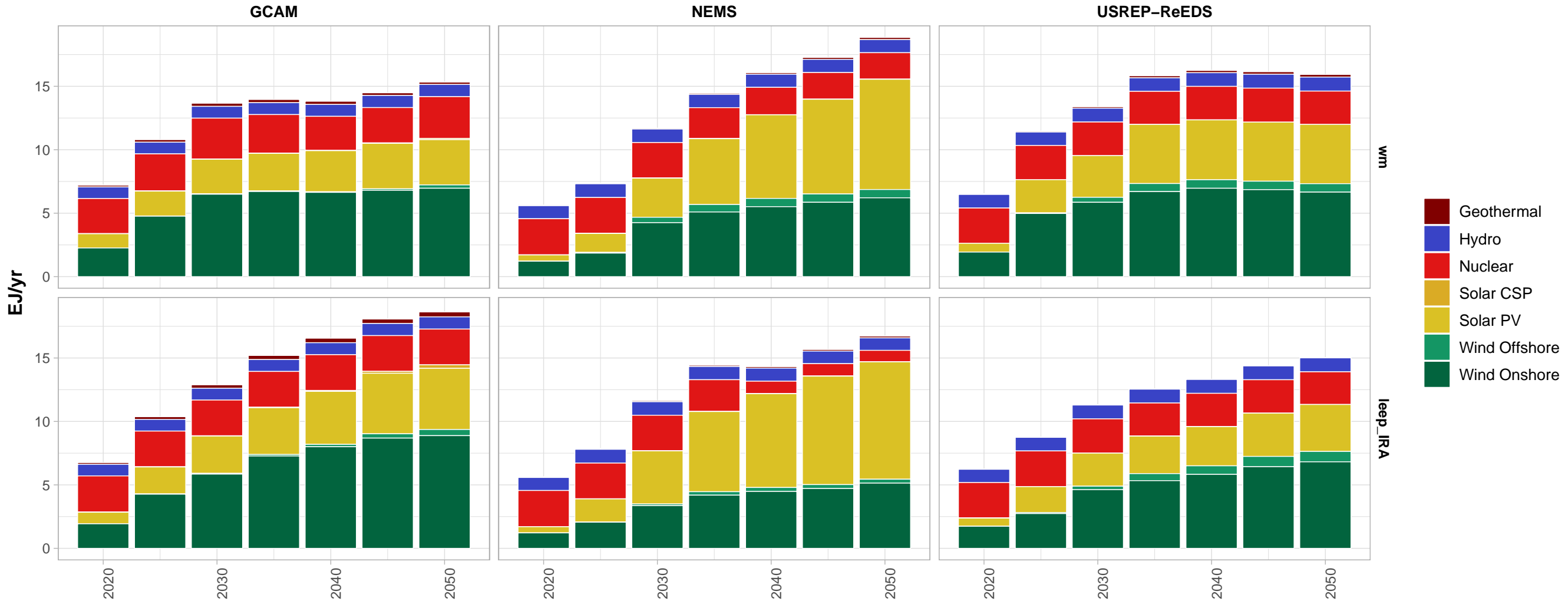
2020

2030

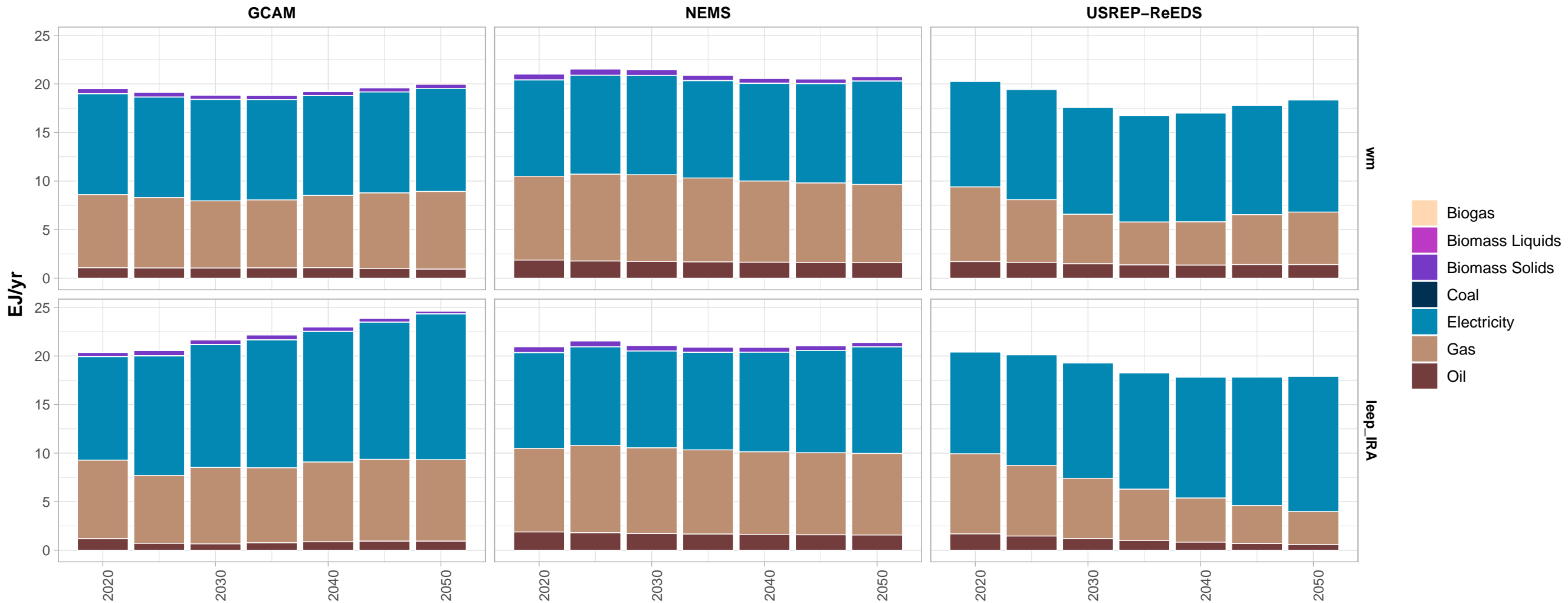
2040

2050

# Electricity Generation – Non-Combustion: United States



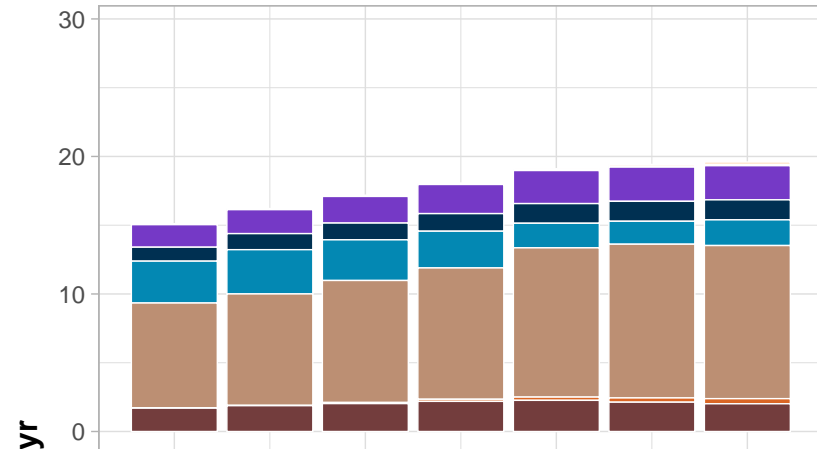
# Final Energy – Buildings: United States



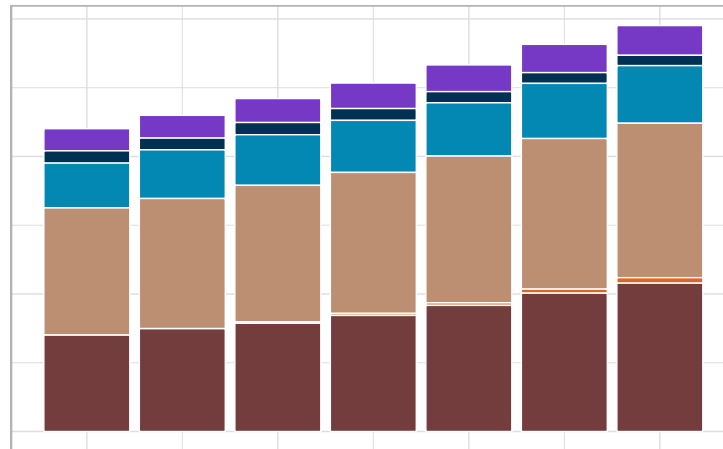


# Final Energy – Industry: United States

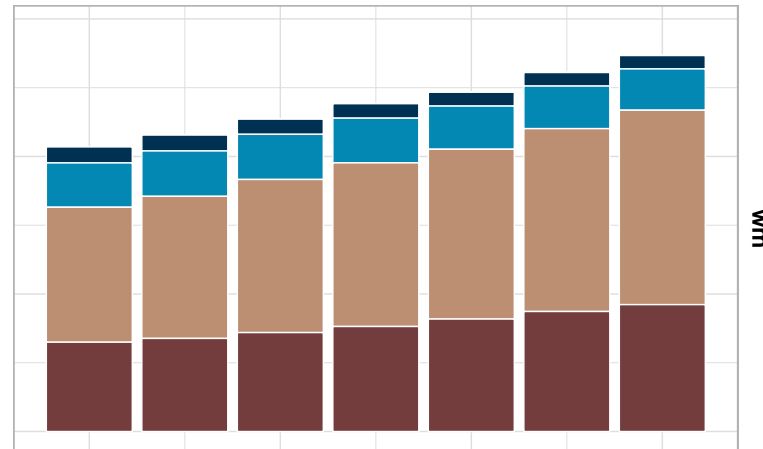
## GCAM



## NEMS



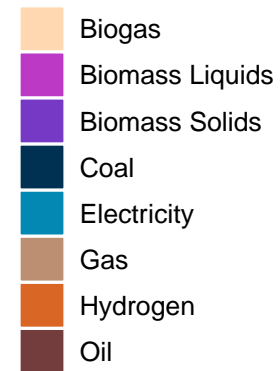
## USREP-ReEDS



EJ/yr

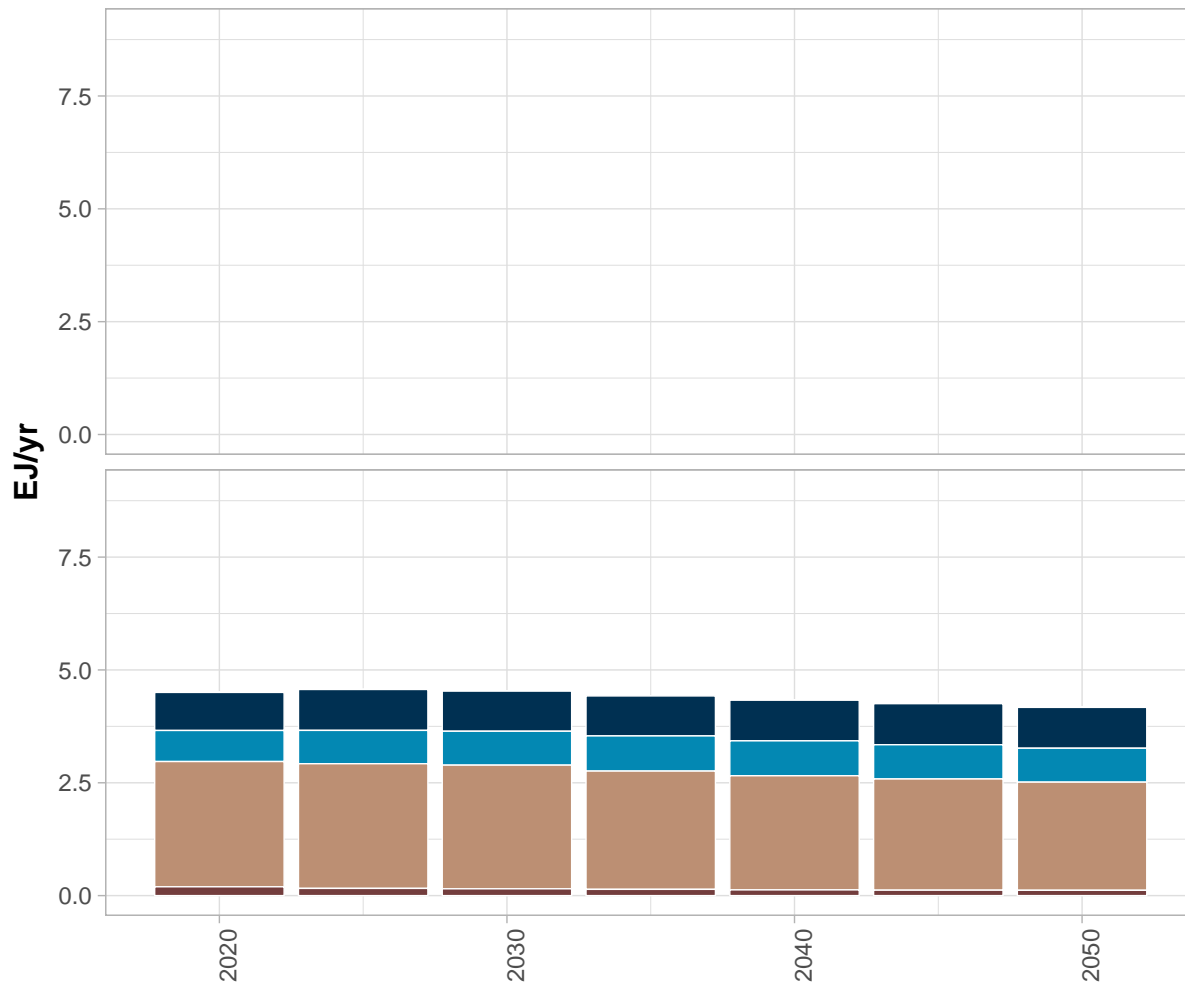
wm

leap\_IRA

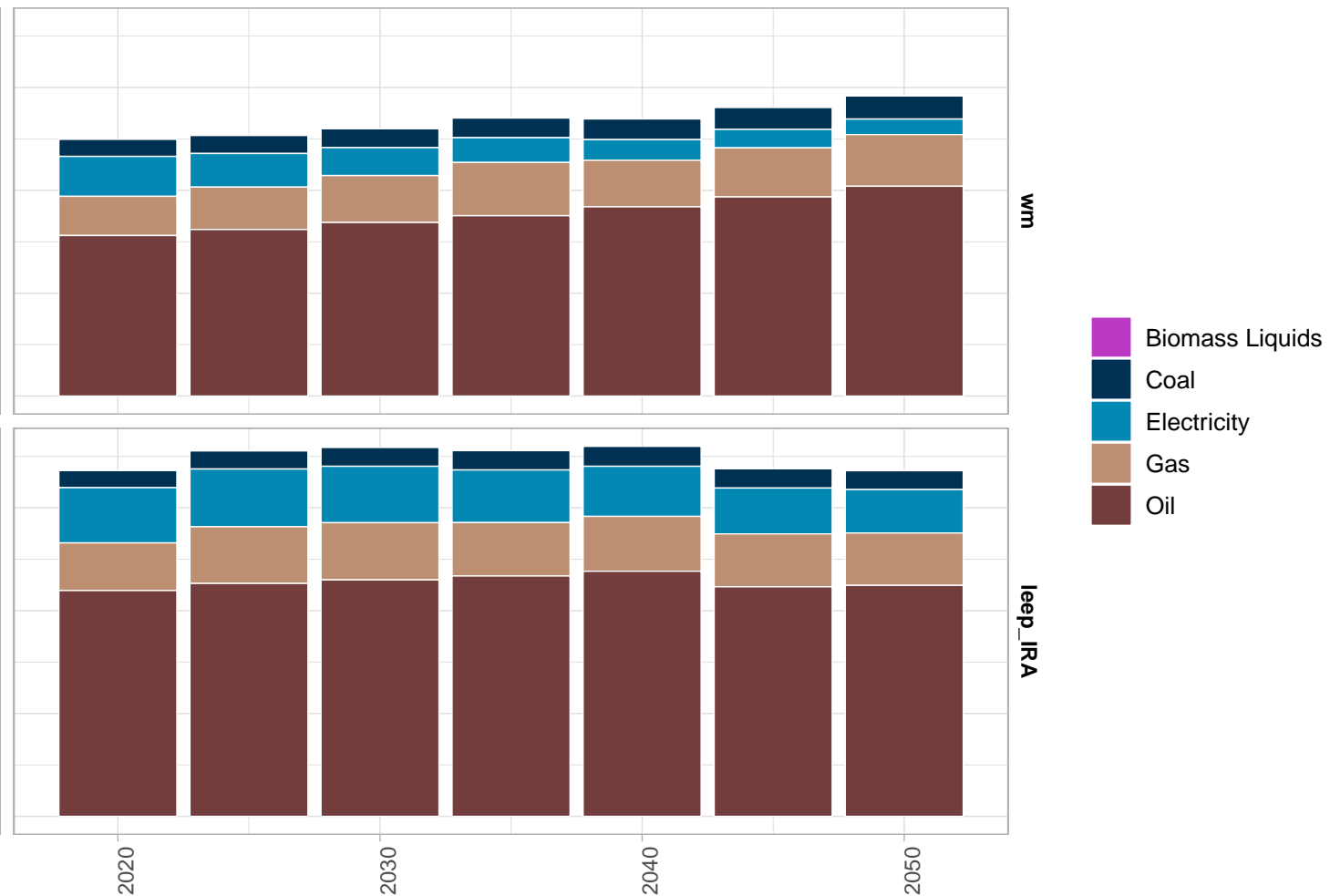


# Final Energy – Industry – Elnt Mfg: United States

GCAM

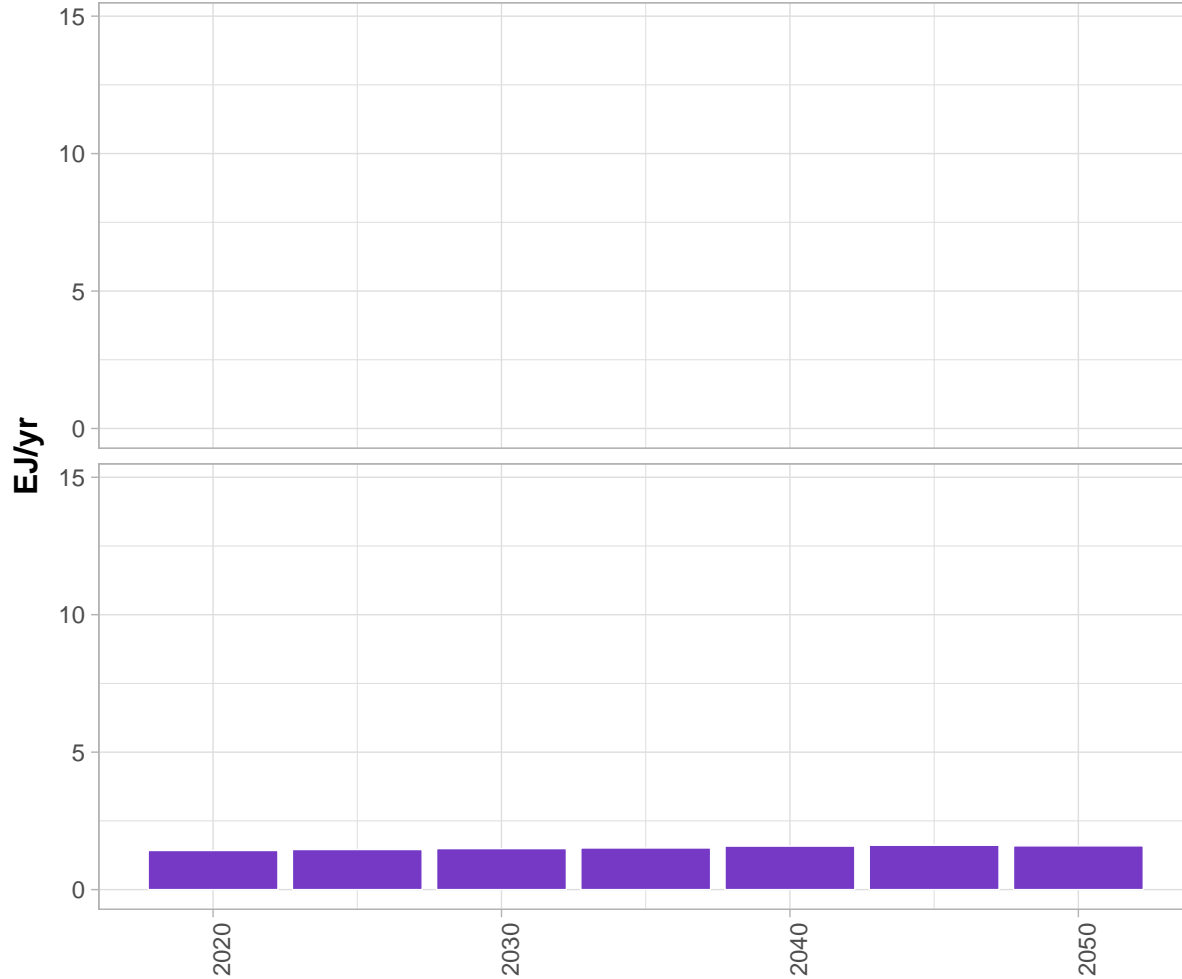


USREP-ReEDS

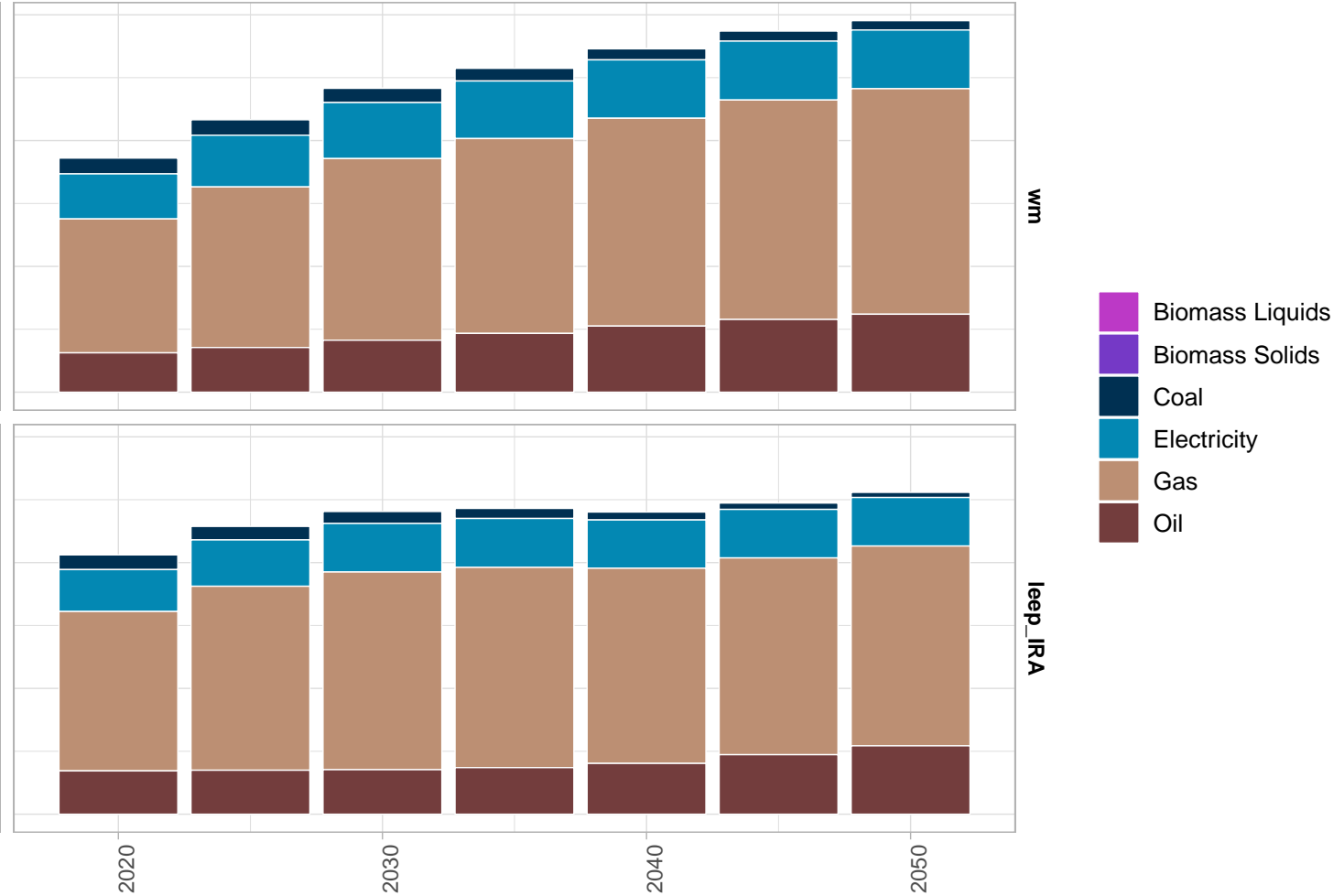


# Final Energy – Industry – Non-Elnt Mfg: United States

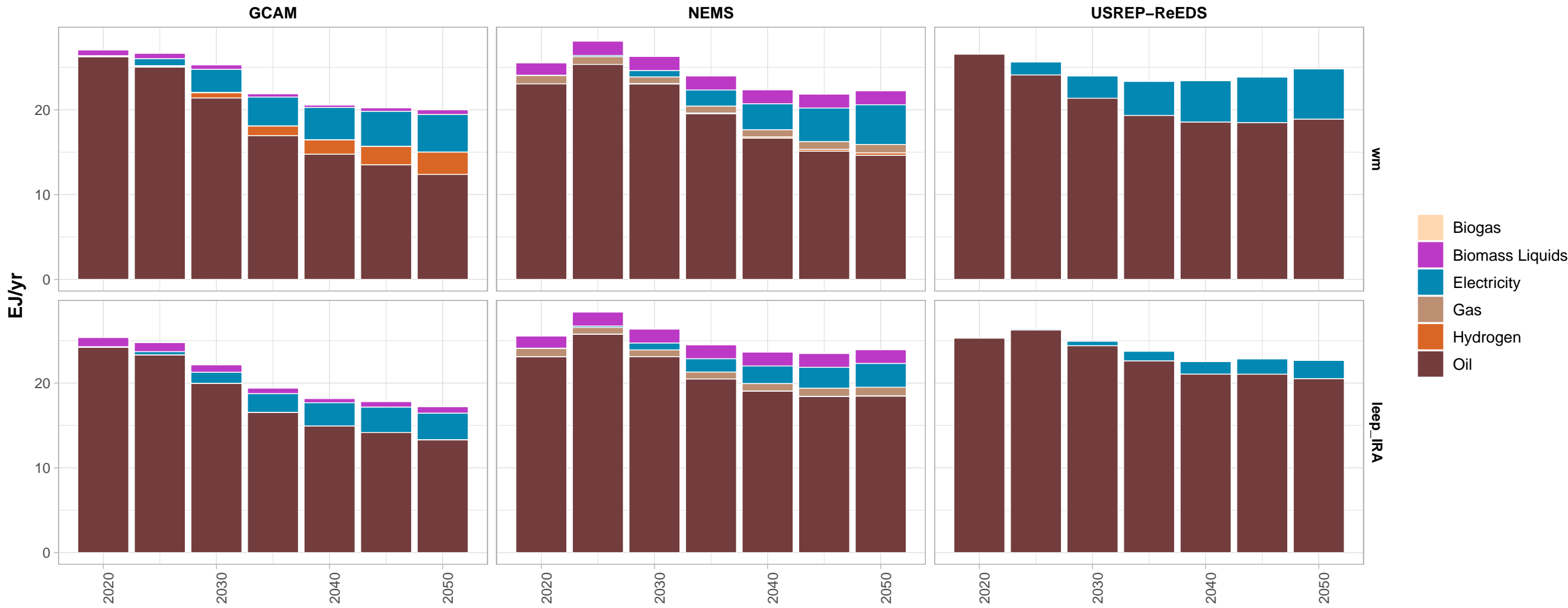
GCAM



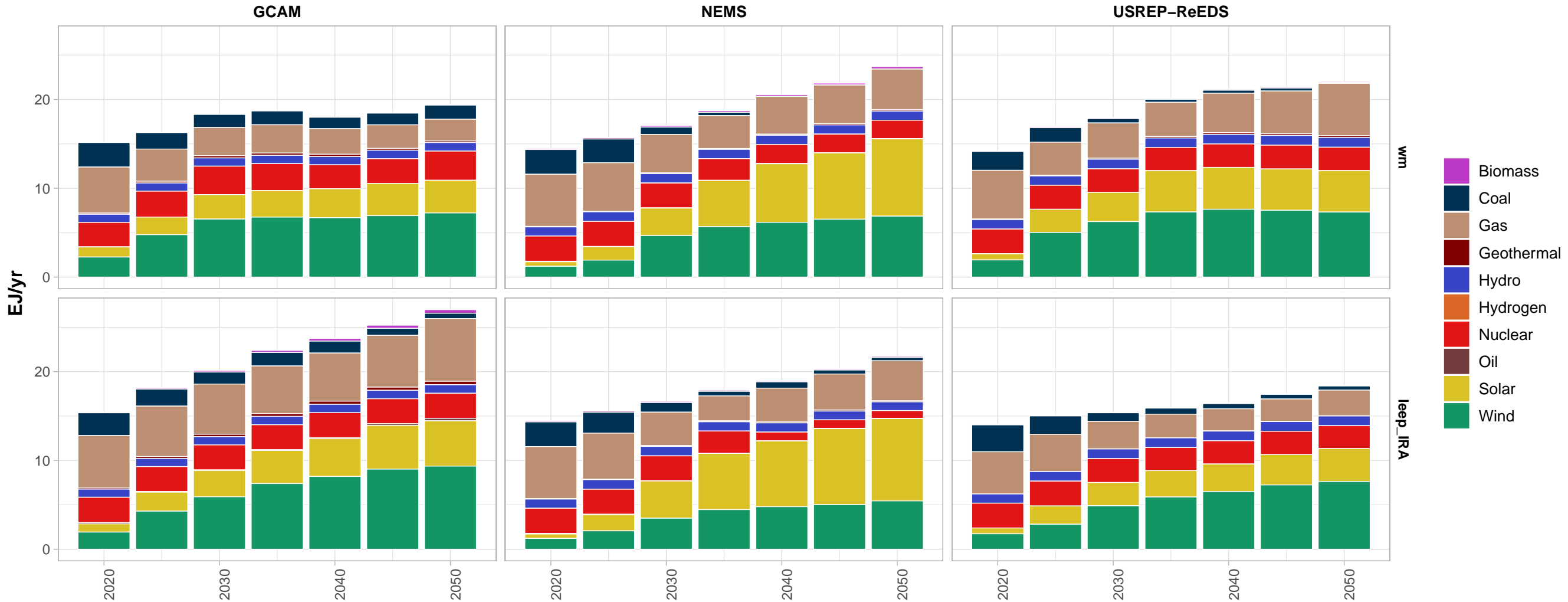
USREP-ReEDS



# Final Energy – Transportation: United States

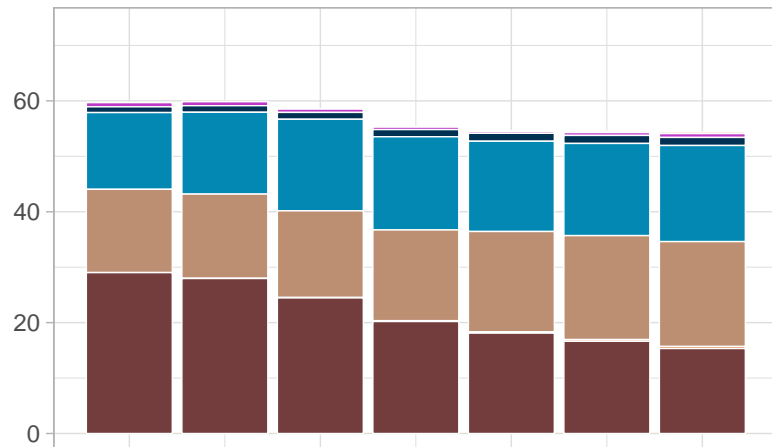


# Electricity Generation: United States

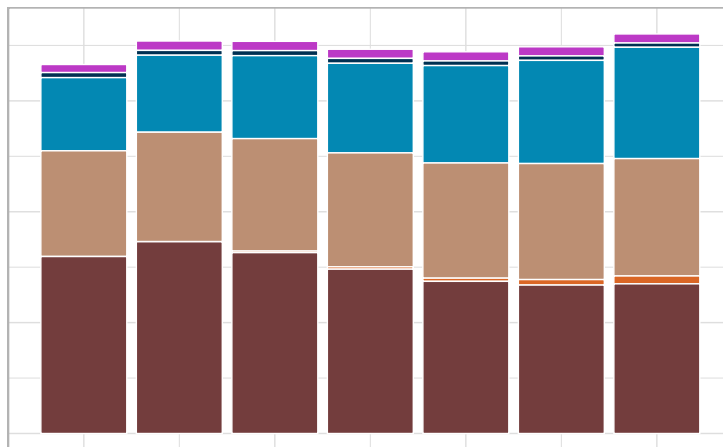


# Final Energy – Fuel: United States

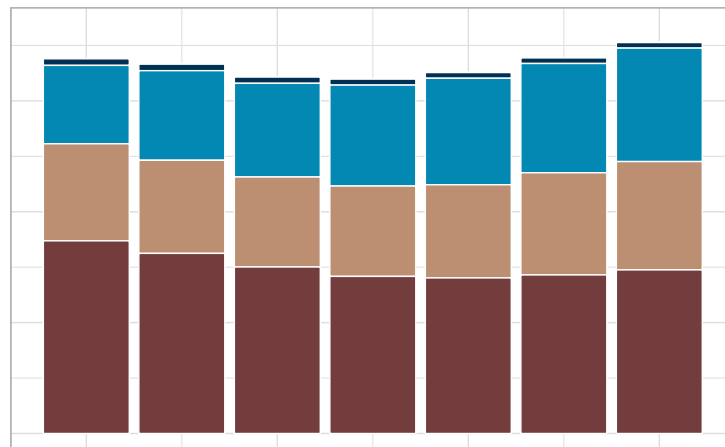
GCAM



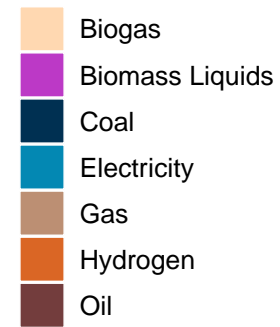
NEMS



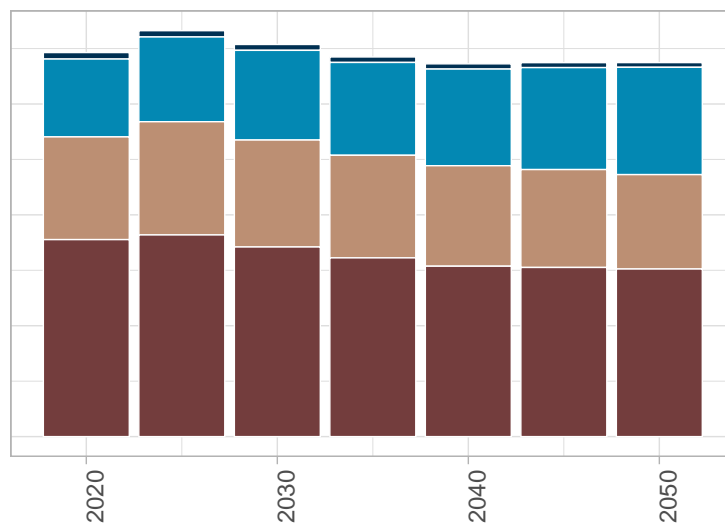
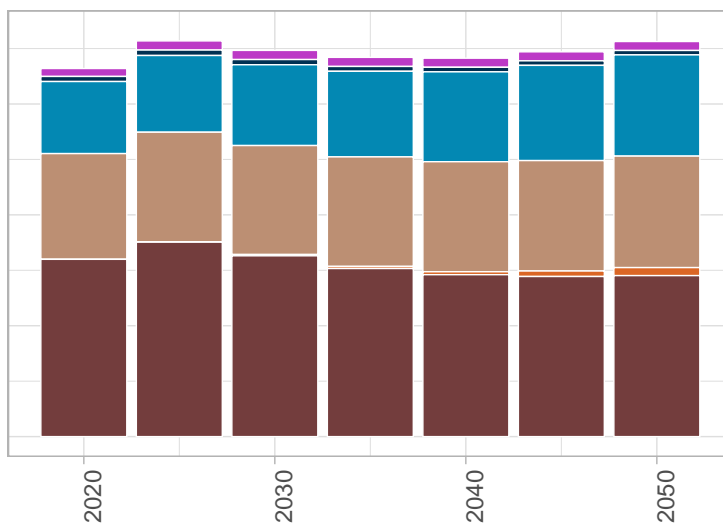
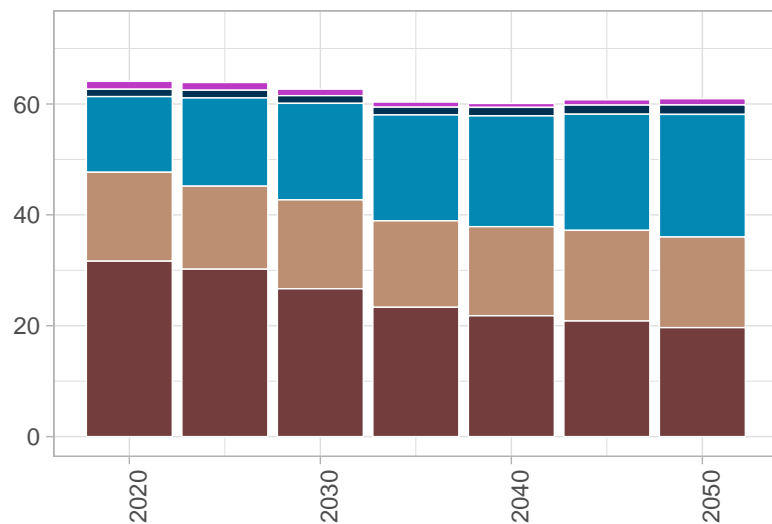
USREP-ReEDS



wm

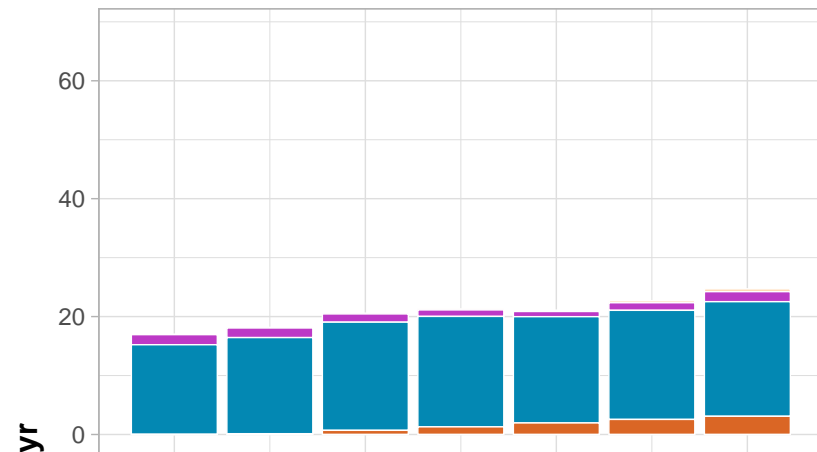


leap\_IRA

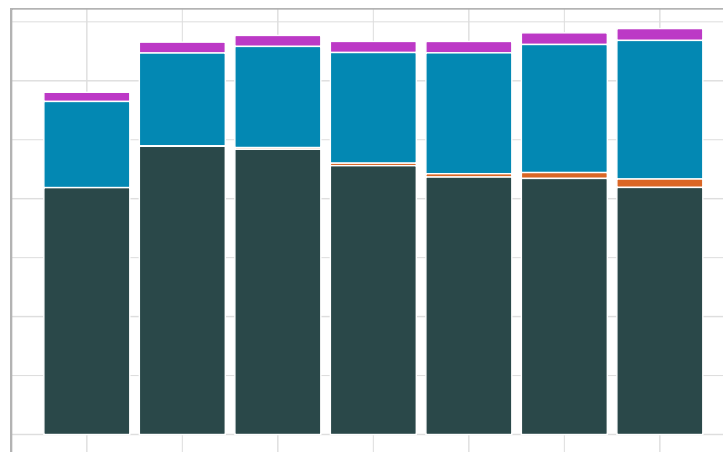


# Secondary Energy: United States

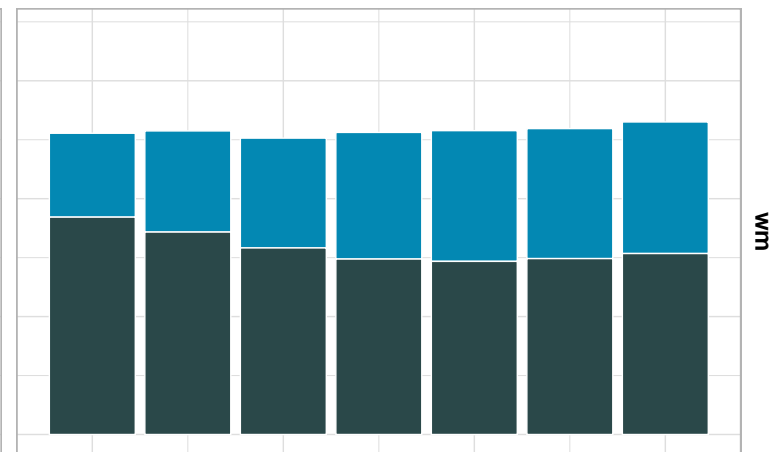
## GCAM



## NEMS



## USREP-ReEDS



EJ/yr

wm

leap\_IRA

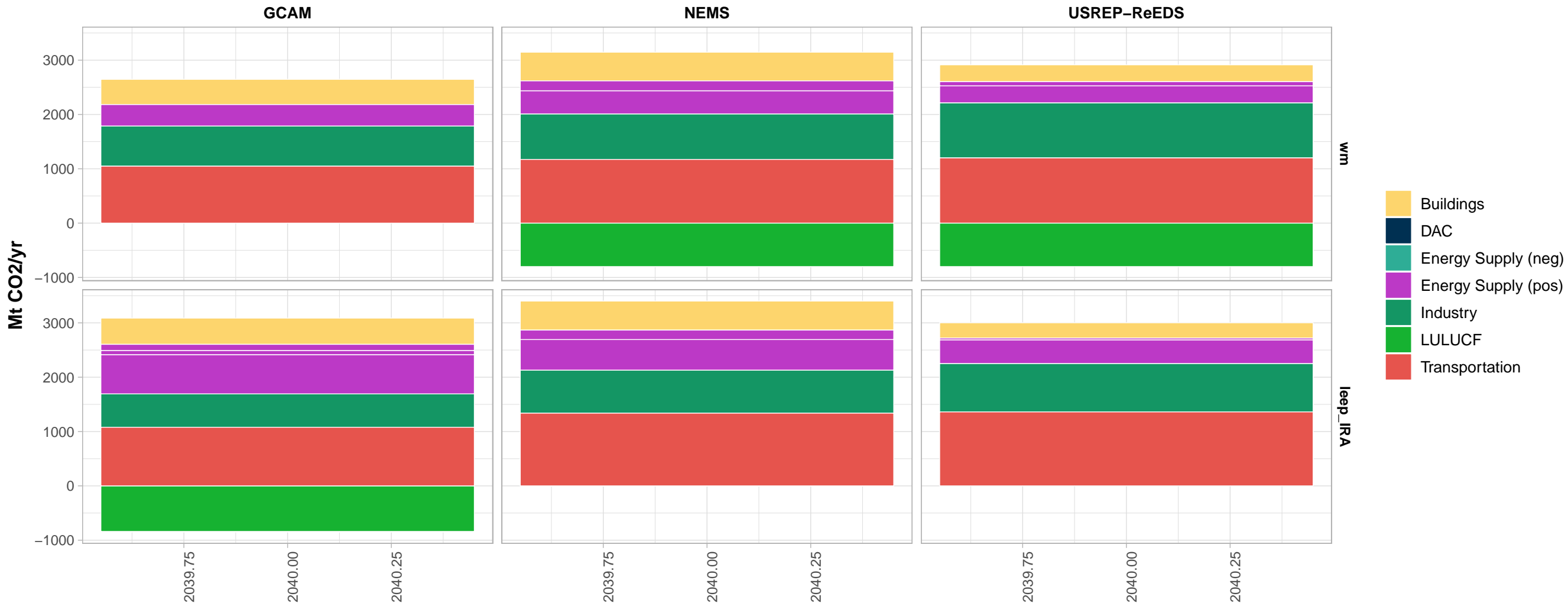
- Biogas
- Biomass Liquids
- Electricity
- Hydrogen
- Refining
- Synthetic Gas

2020 2030 2040 2050

2020 2030 2040 2050

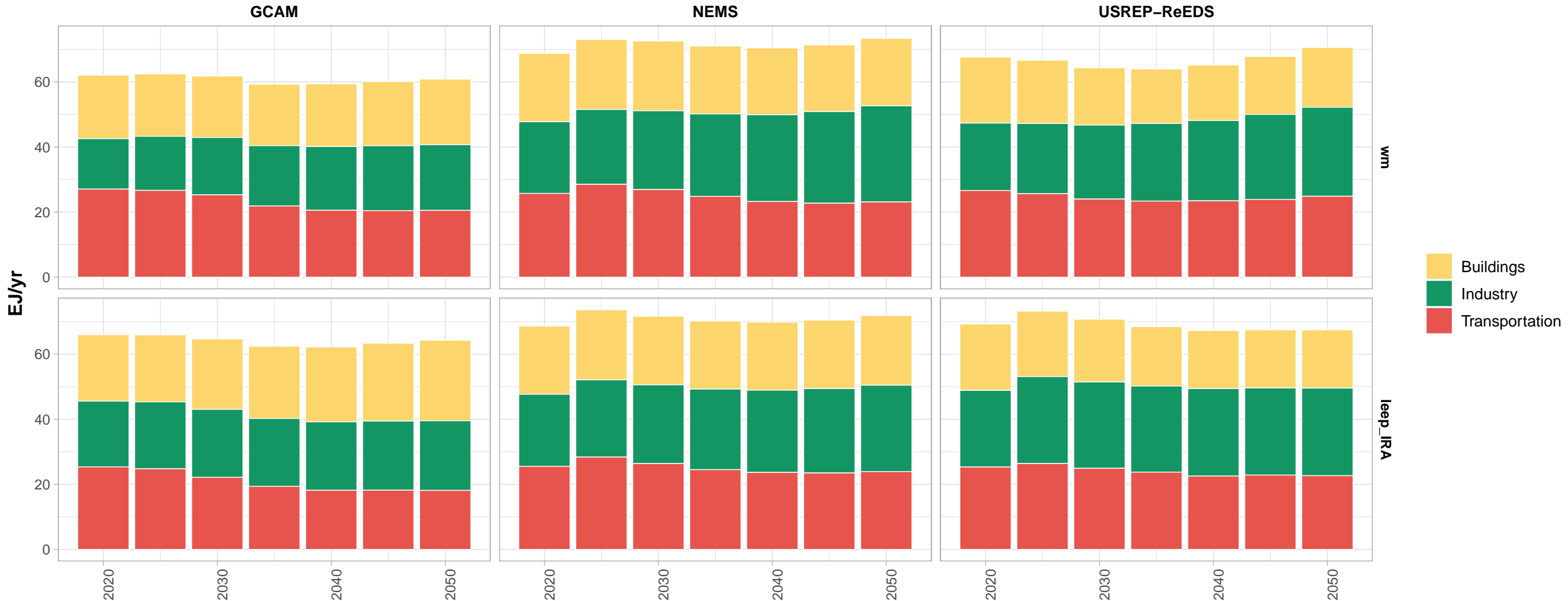
2020 2030 2040 2050

# Sectoral CO2 Emissions (2040): United States

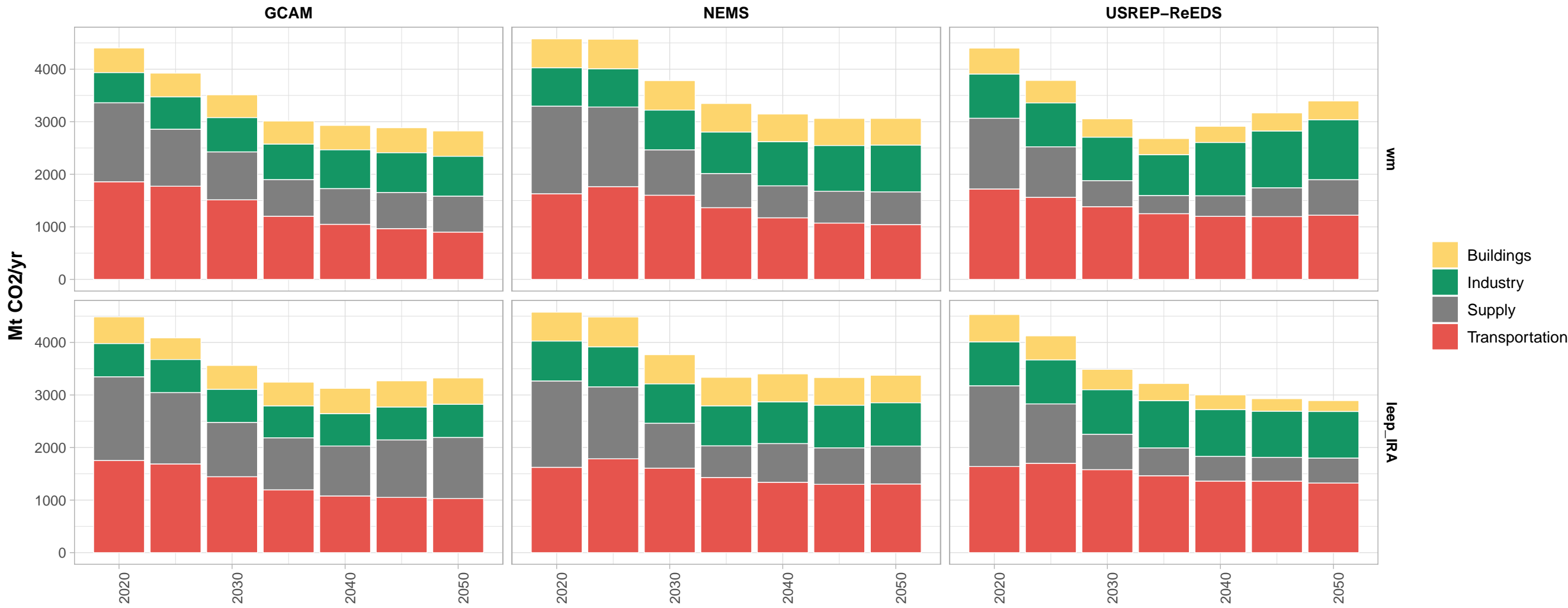




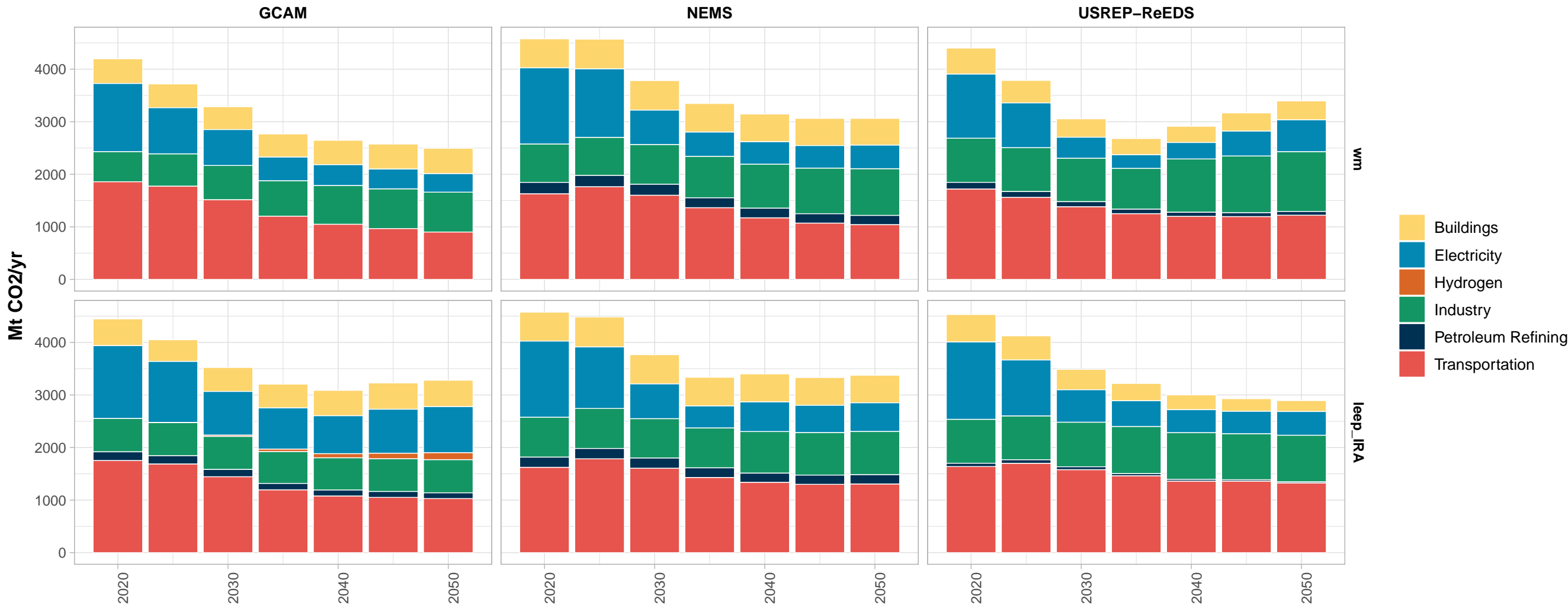
# Final Energy – Sector: United States



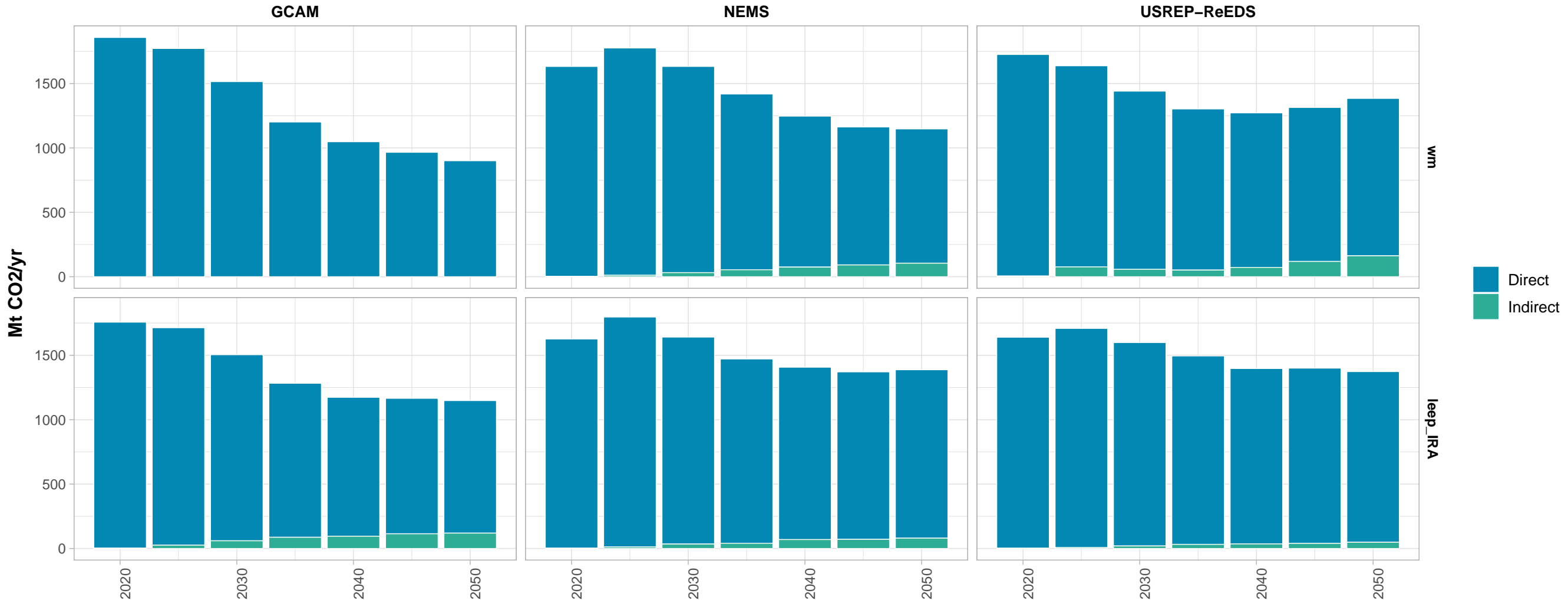
Energy CO2 Emissions Accounting – total supply: United States



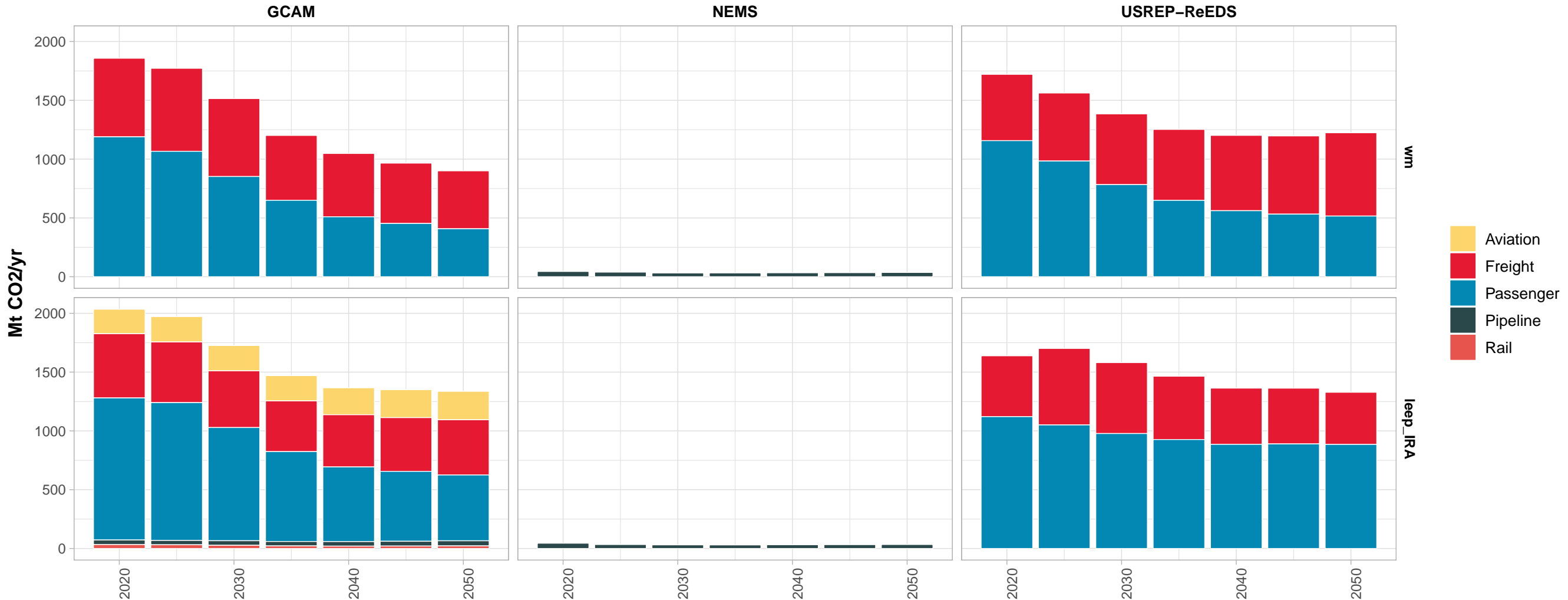
# Energy CO2 Emissions Accounting – supply breakout: United States



# TRN Direct and Indirect Emissions: United States



# TRN Mode Emissions: United States



TRN Energy by Fuel: United States

