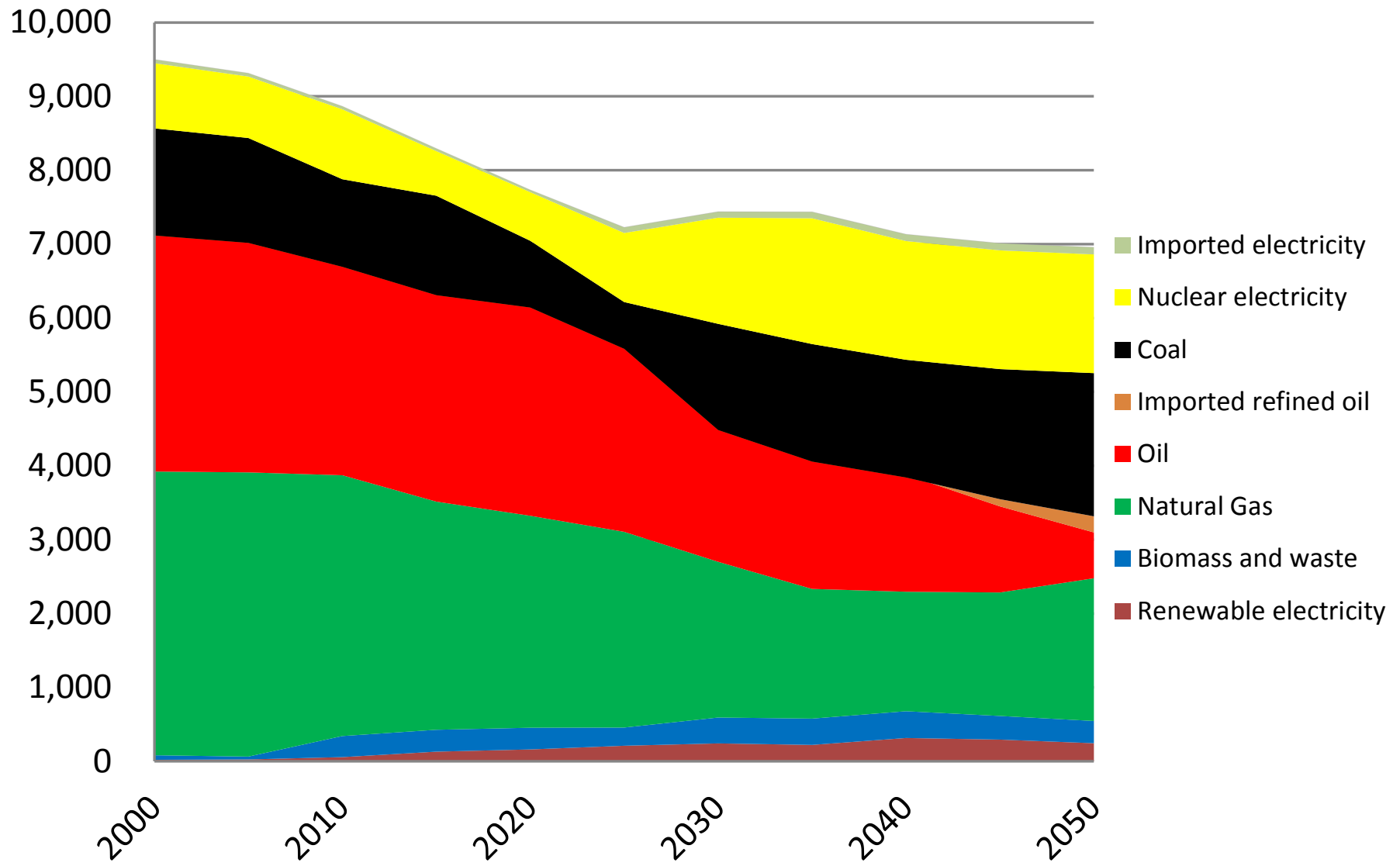
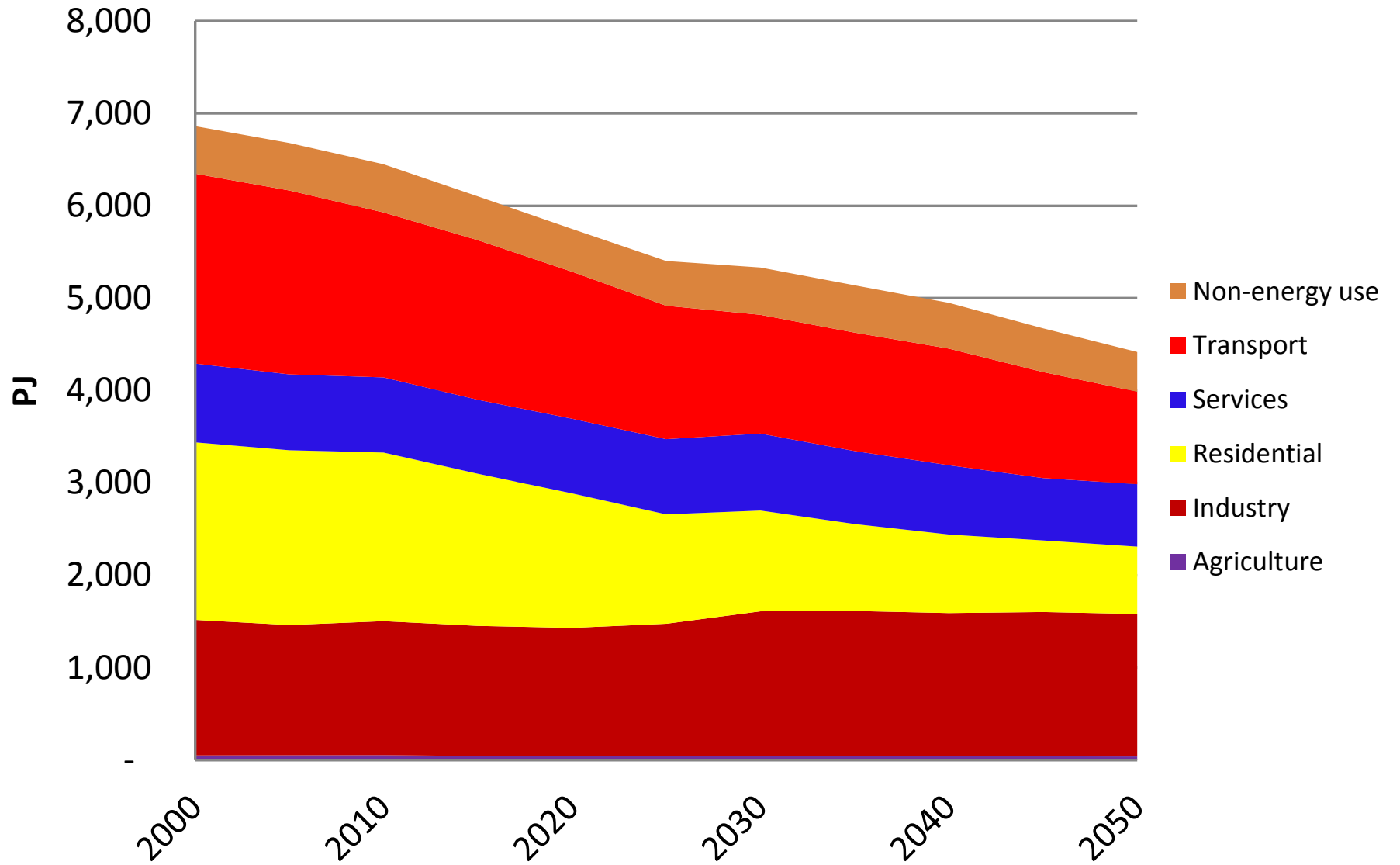


# Primary Energy Demand (PJ)

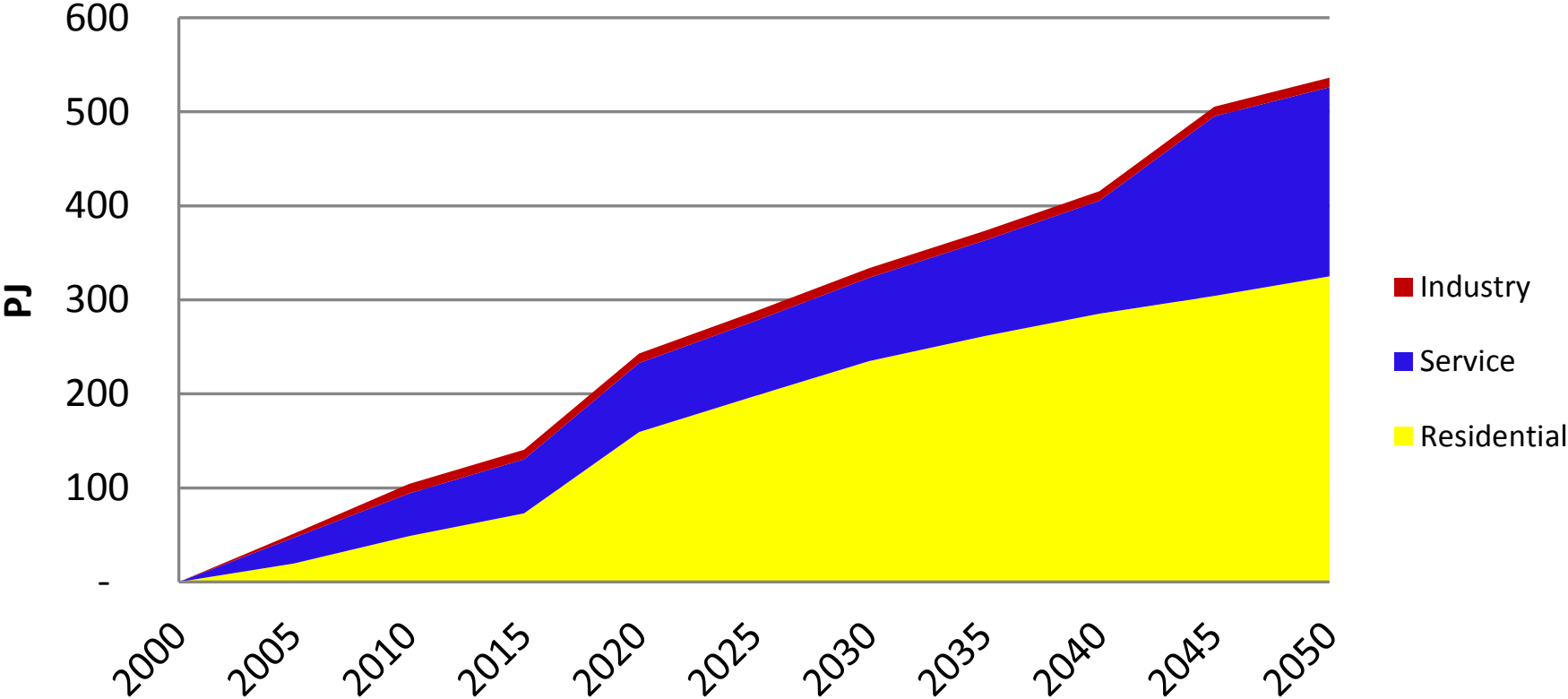




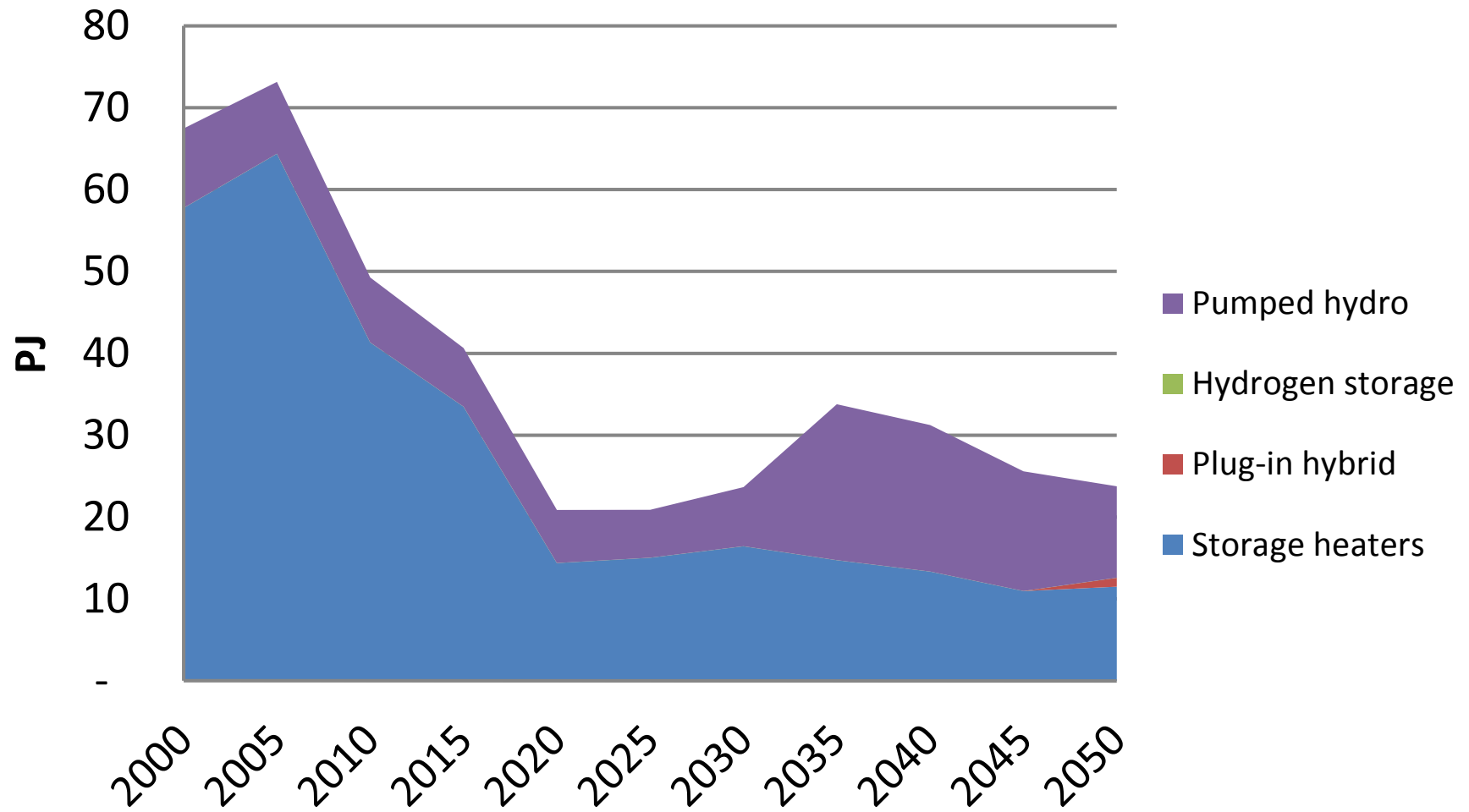
# Final Energy demand by Sector



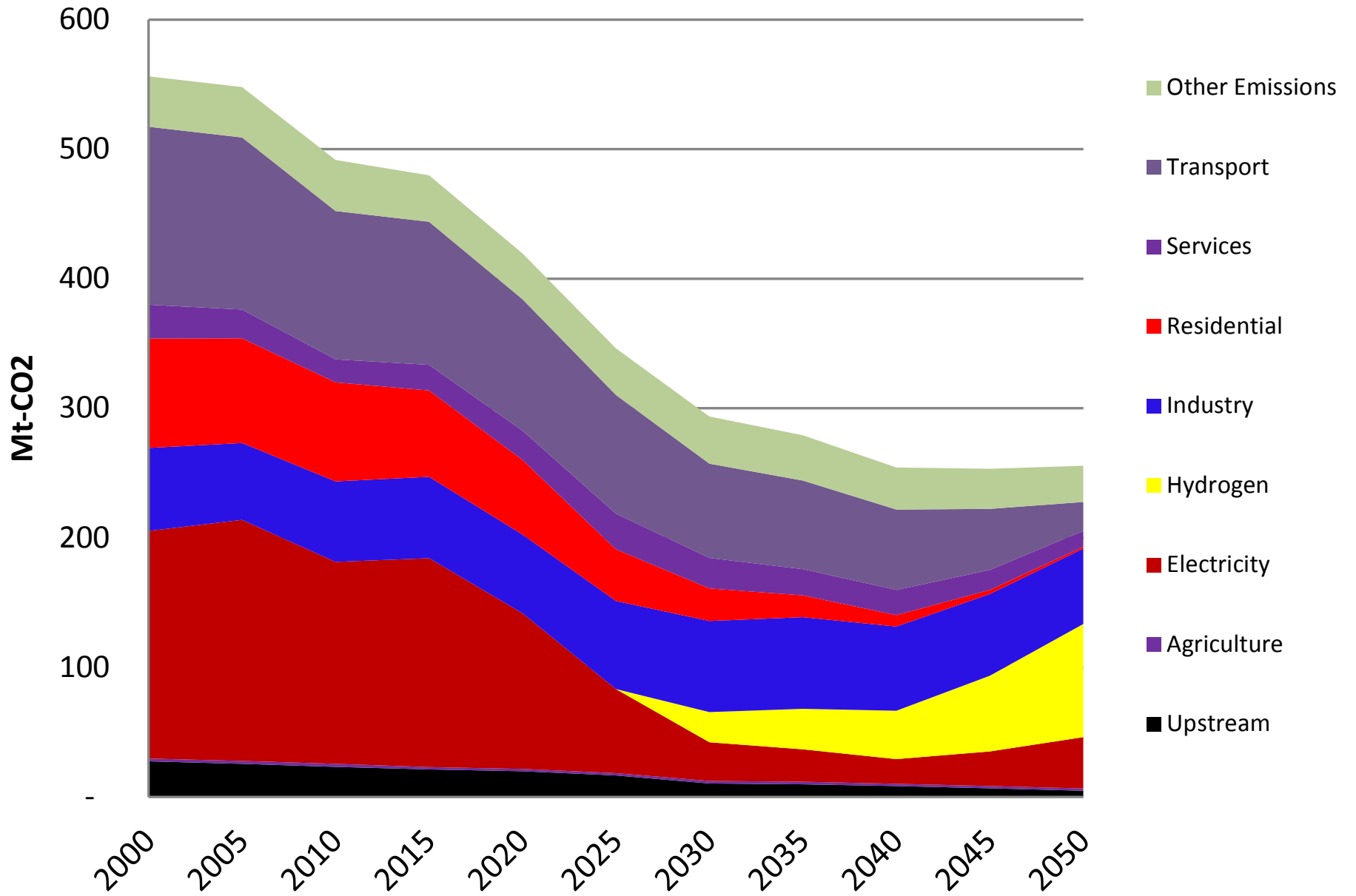
# Use of conservation



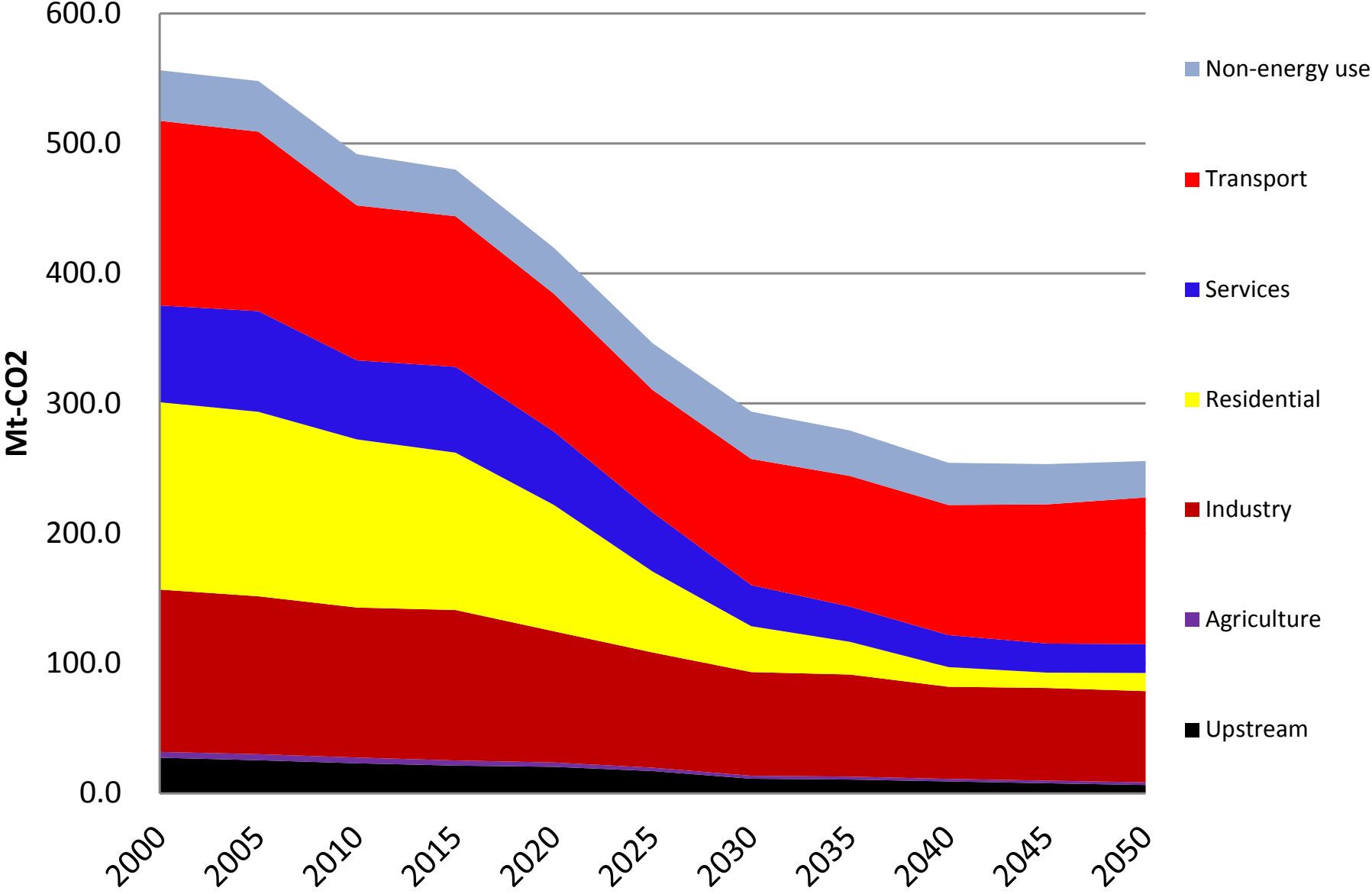
# Electricity storage



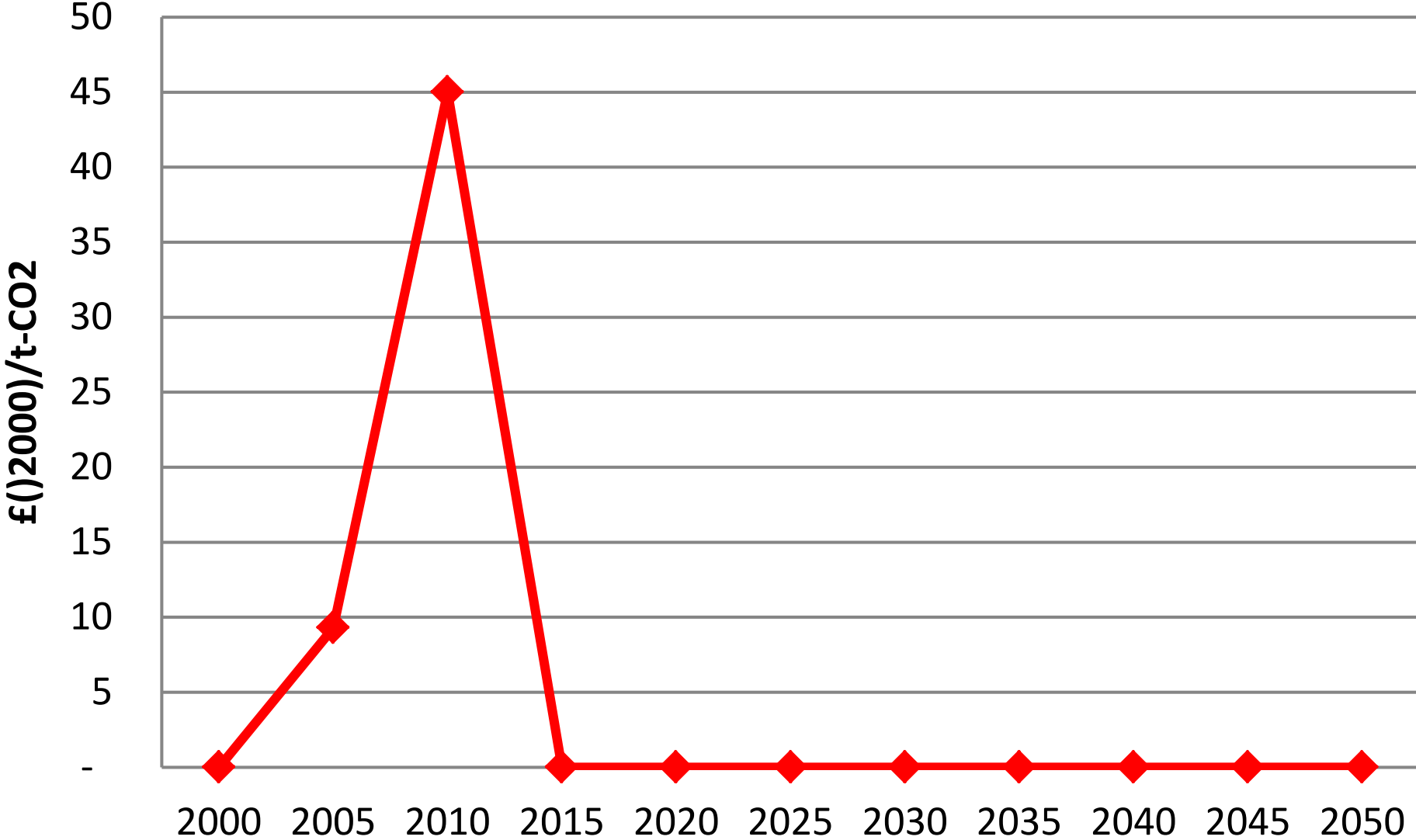
# Sectoral Emissions



# Enduse Sectoral Emissions

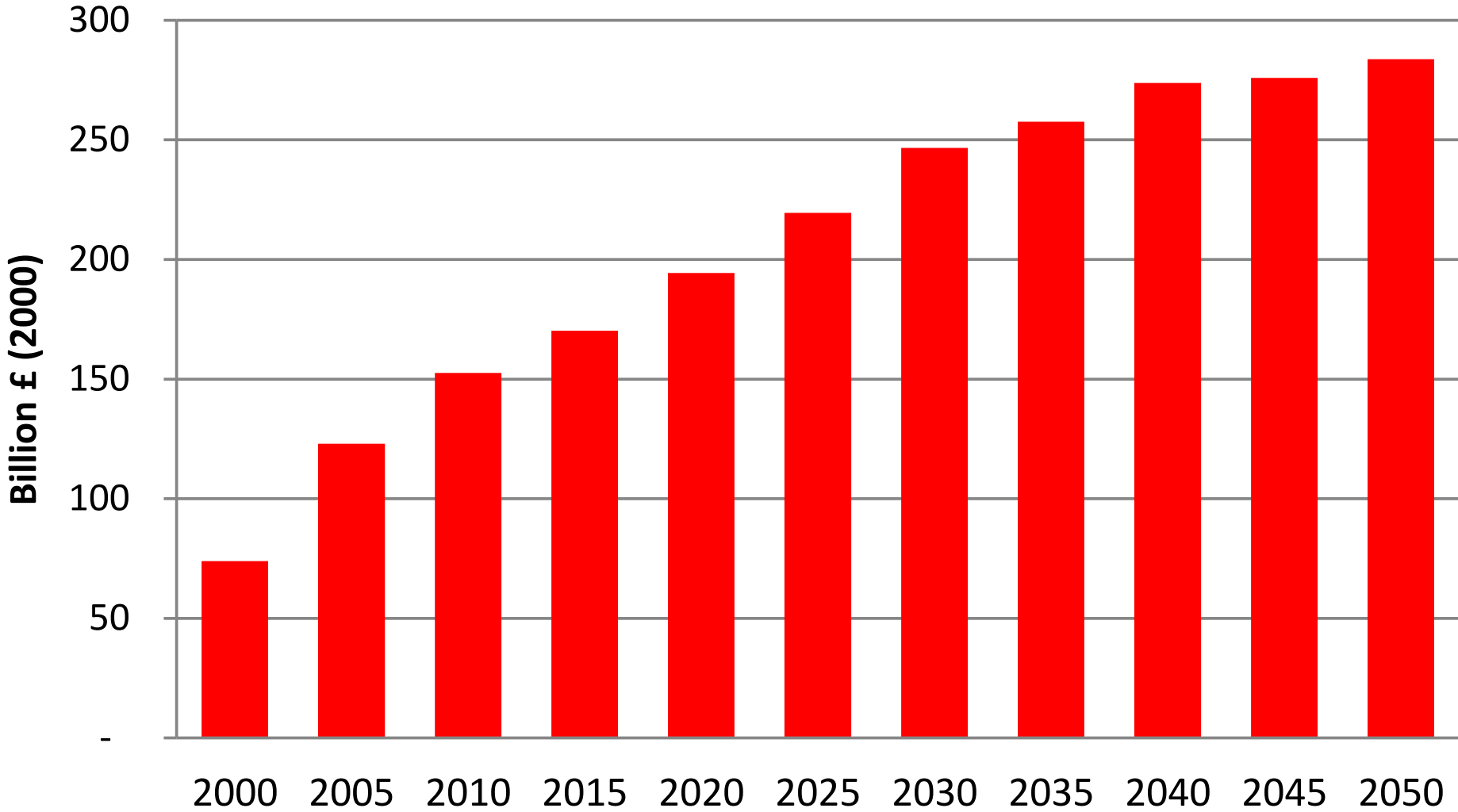


# Marginal cost of CO2

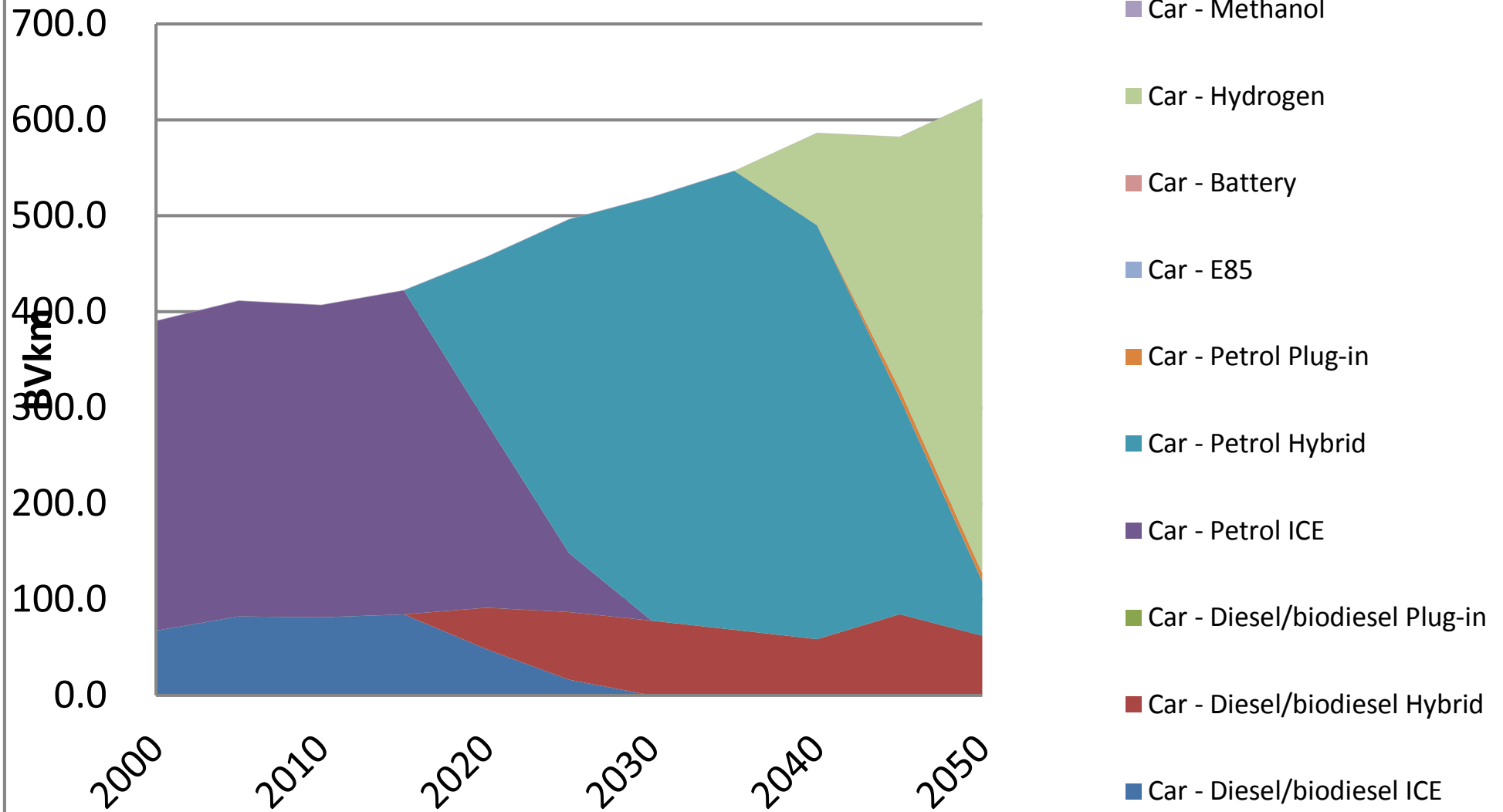




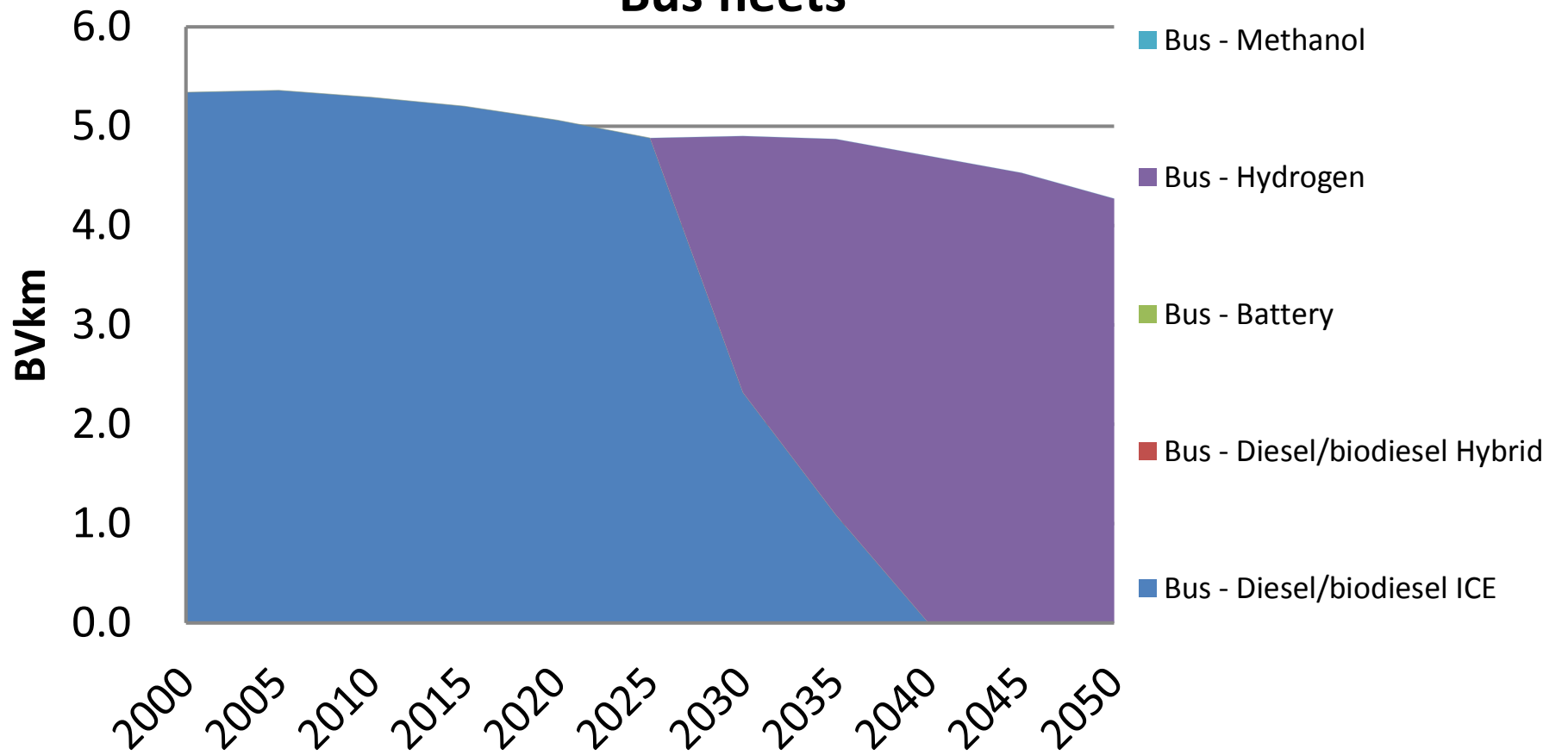
# Undiscounted energy system cost



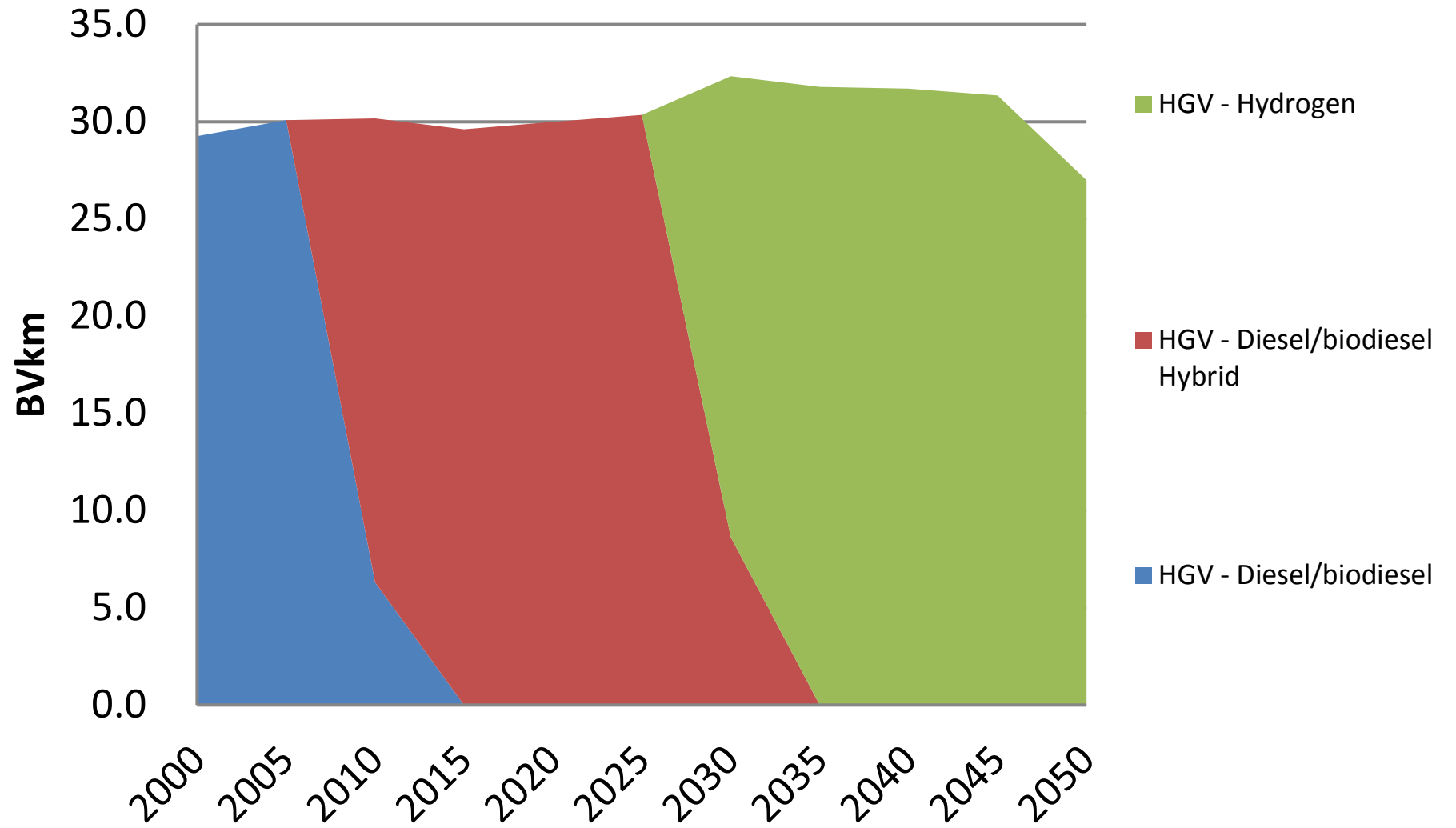
# Car fleets



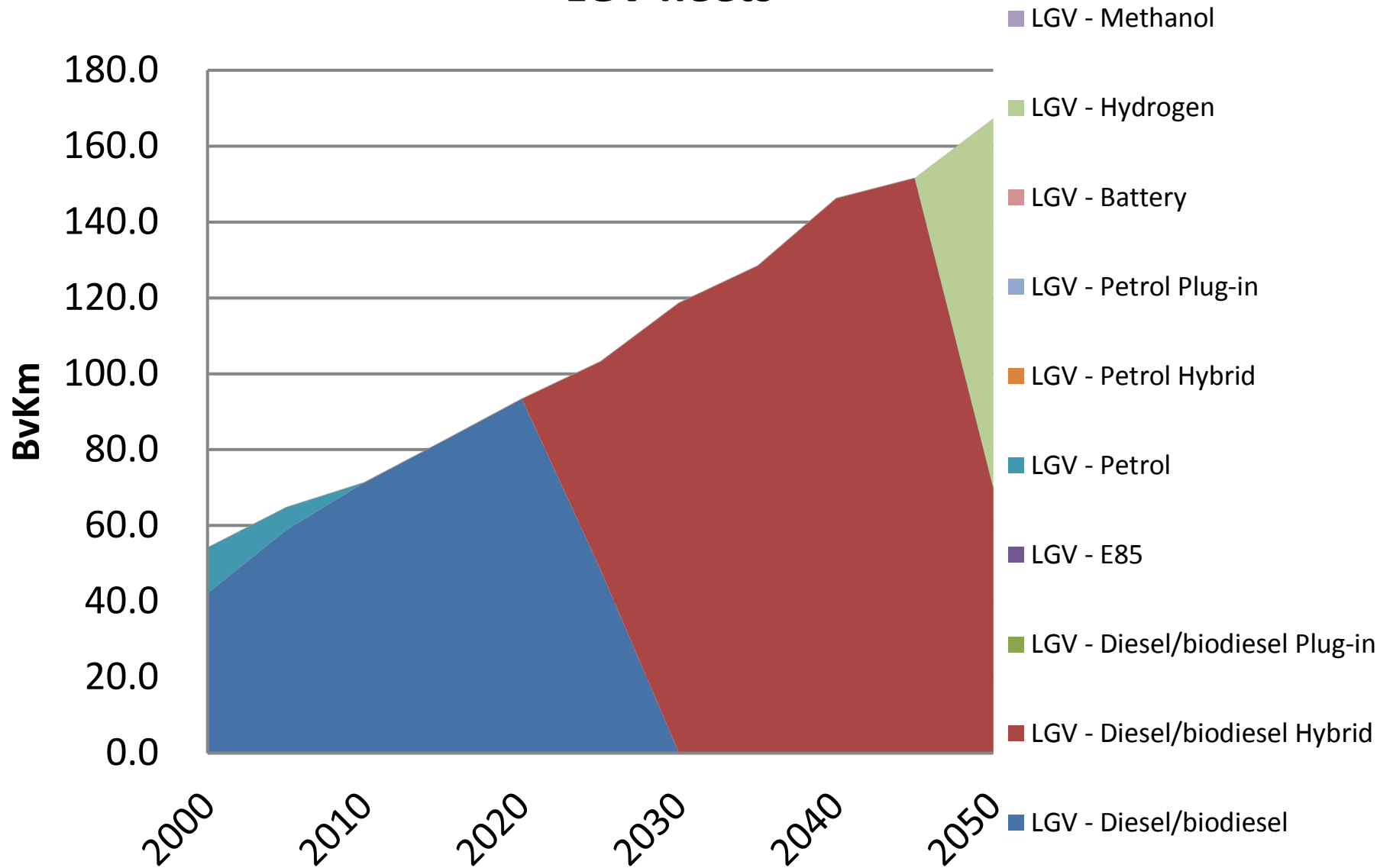
# Bus fleets



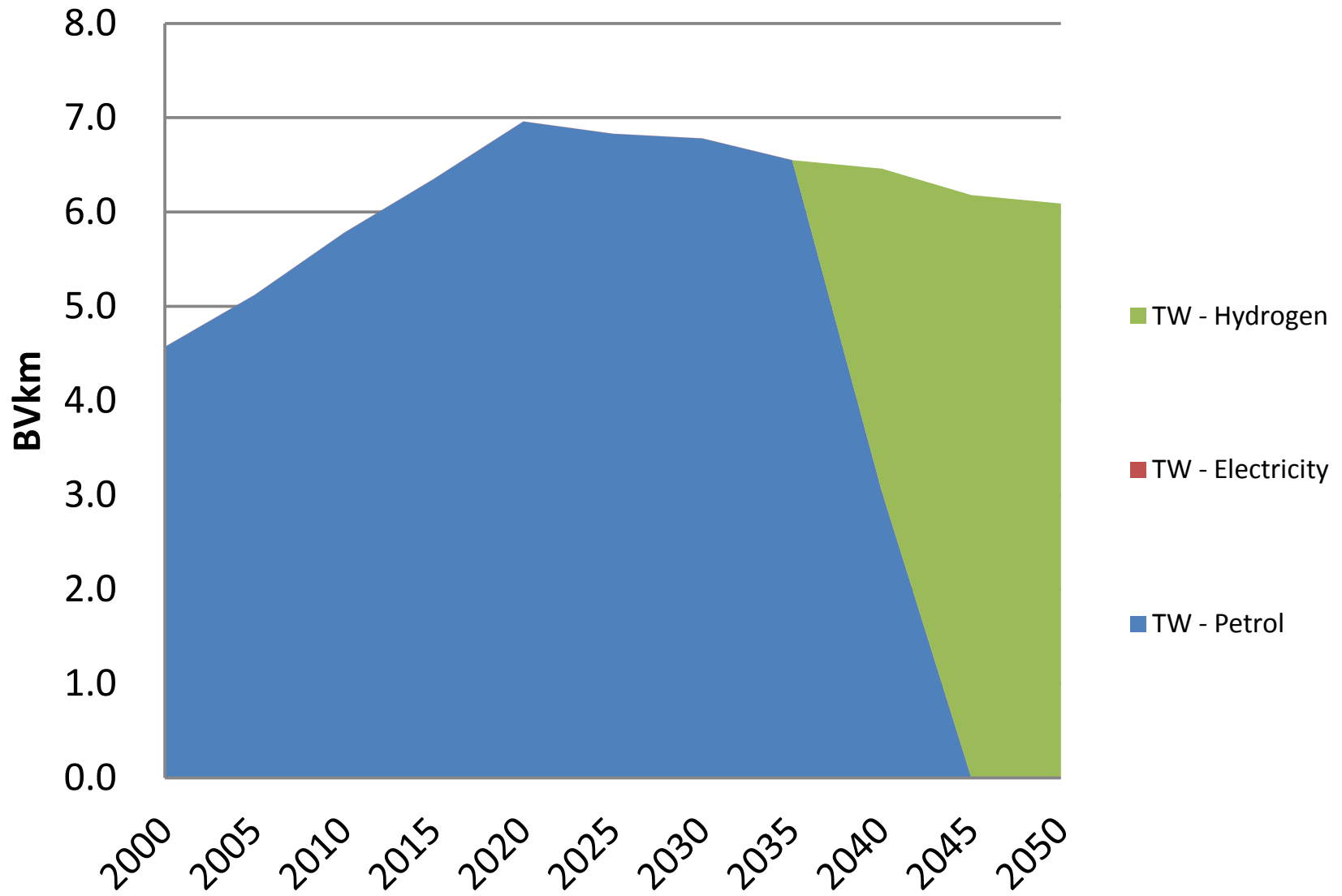
# HGV fleet



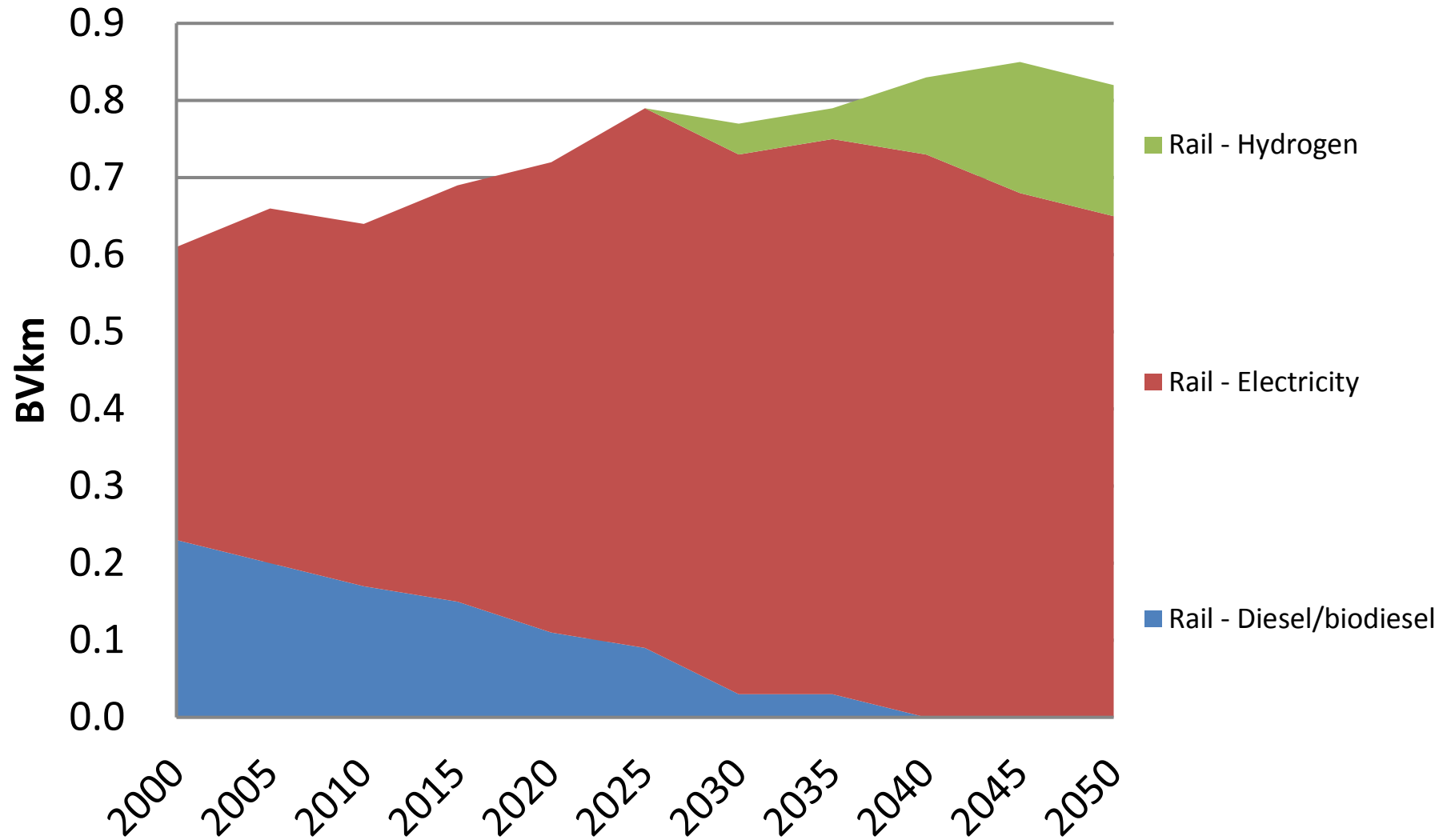
# LGV fleets



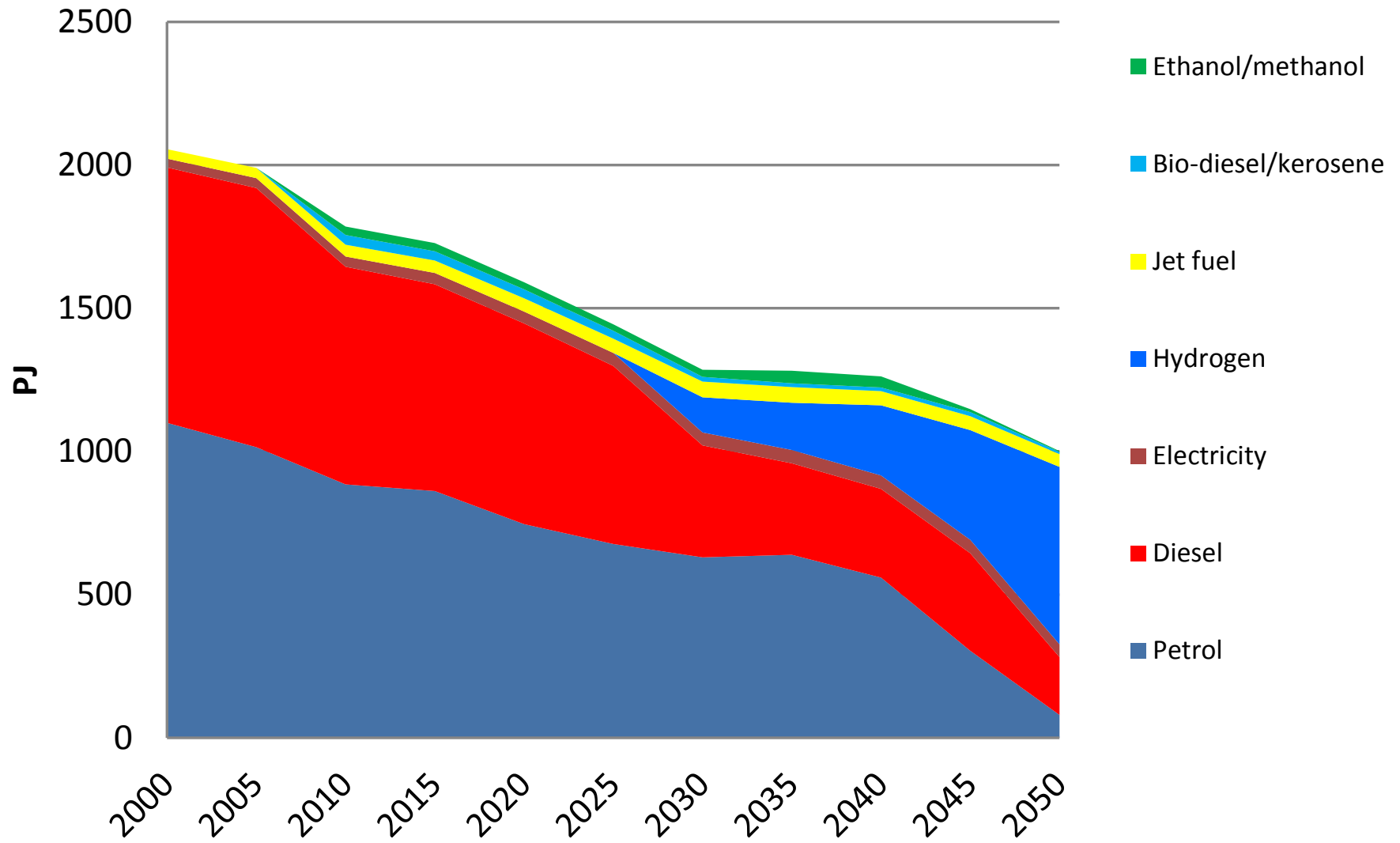
## Two-wheelers fleet



# Rail fleet

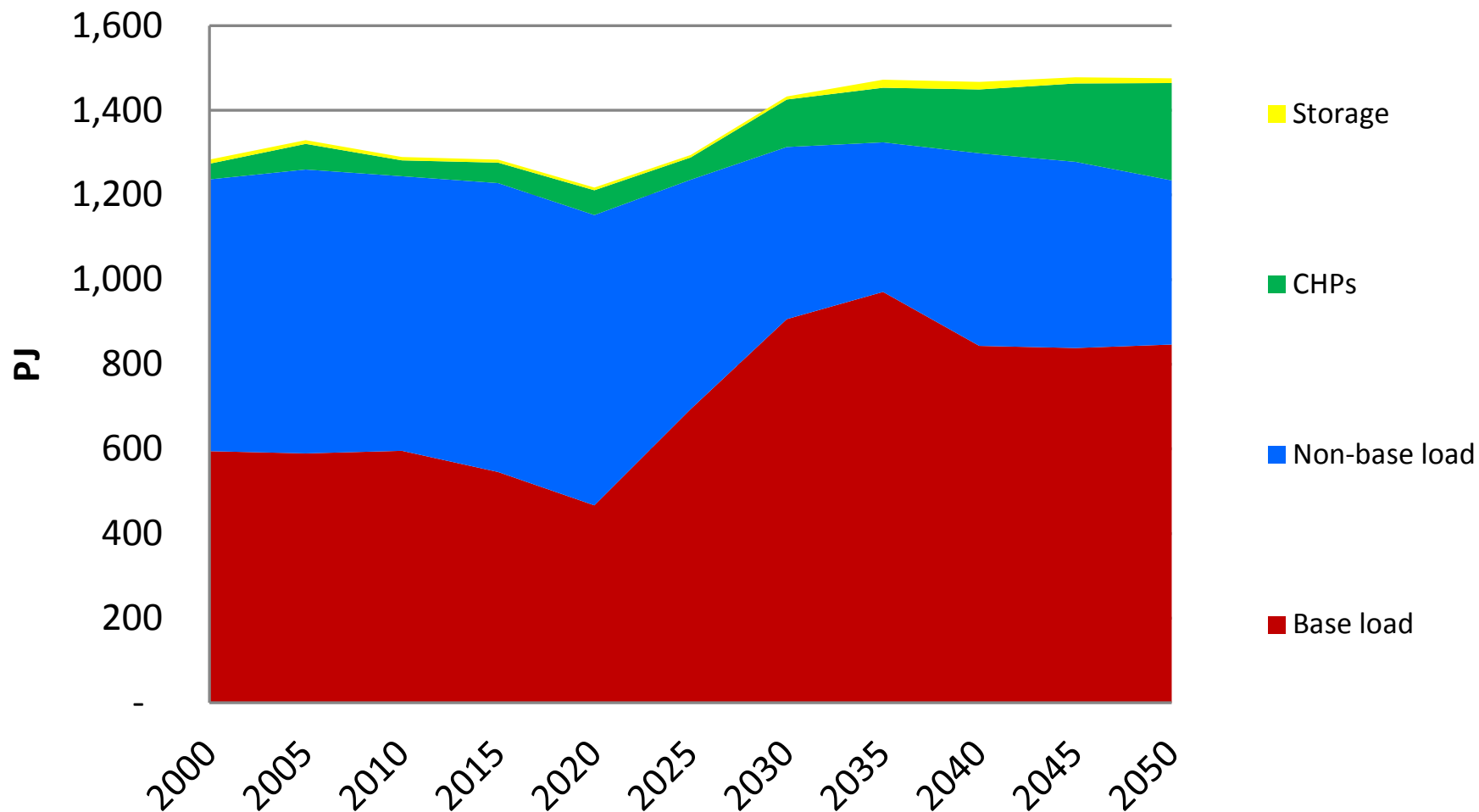


# Transport fuel demand

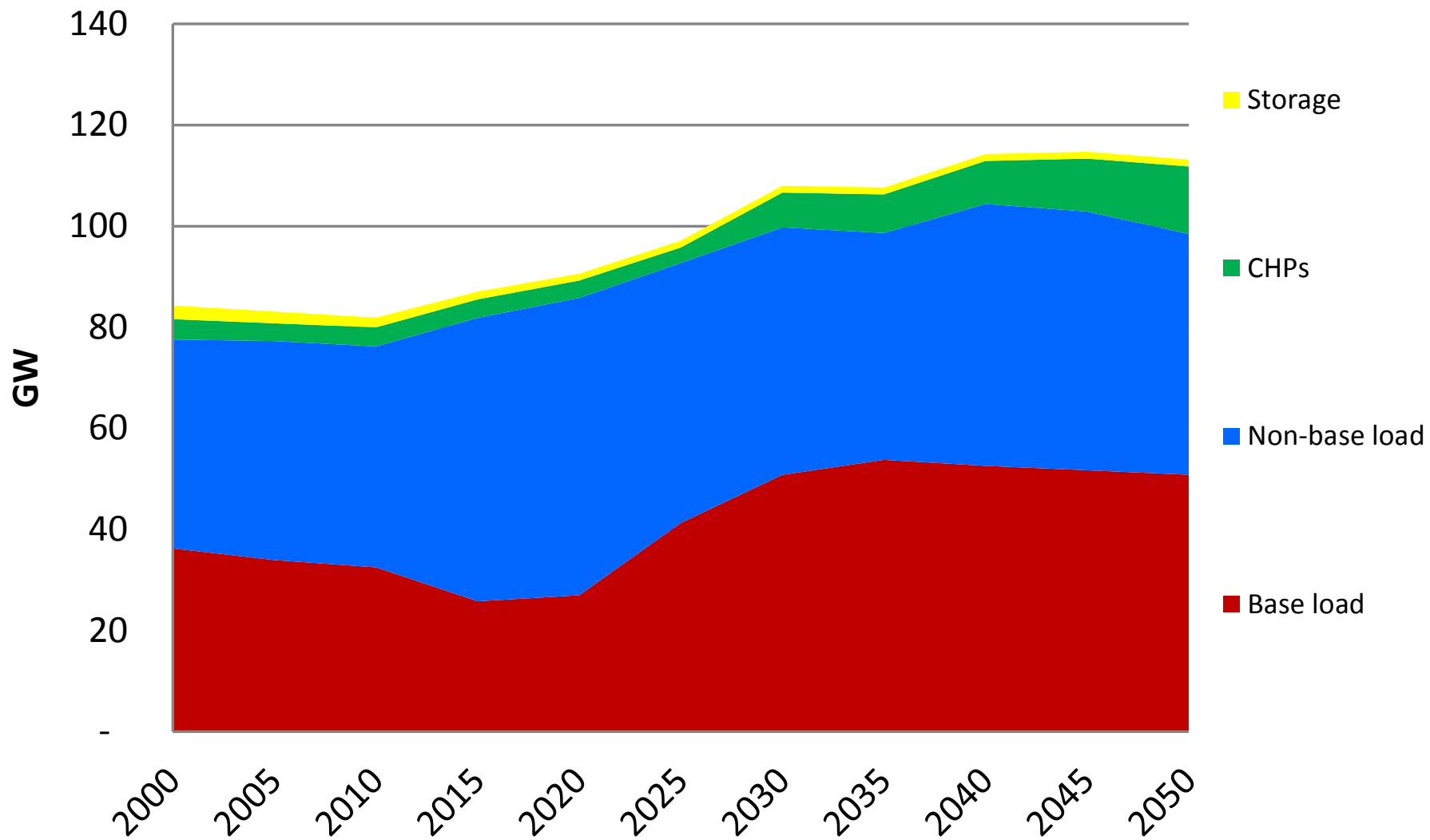




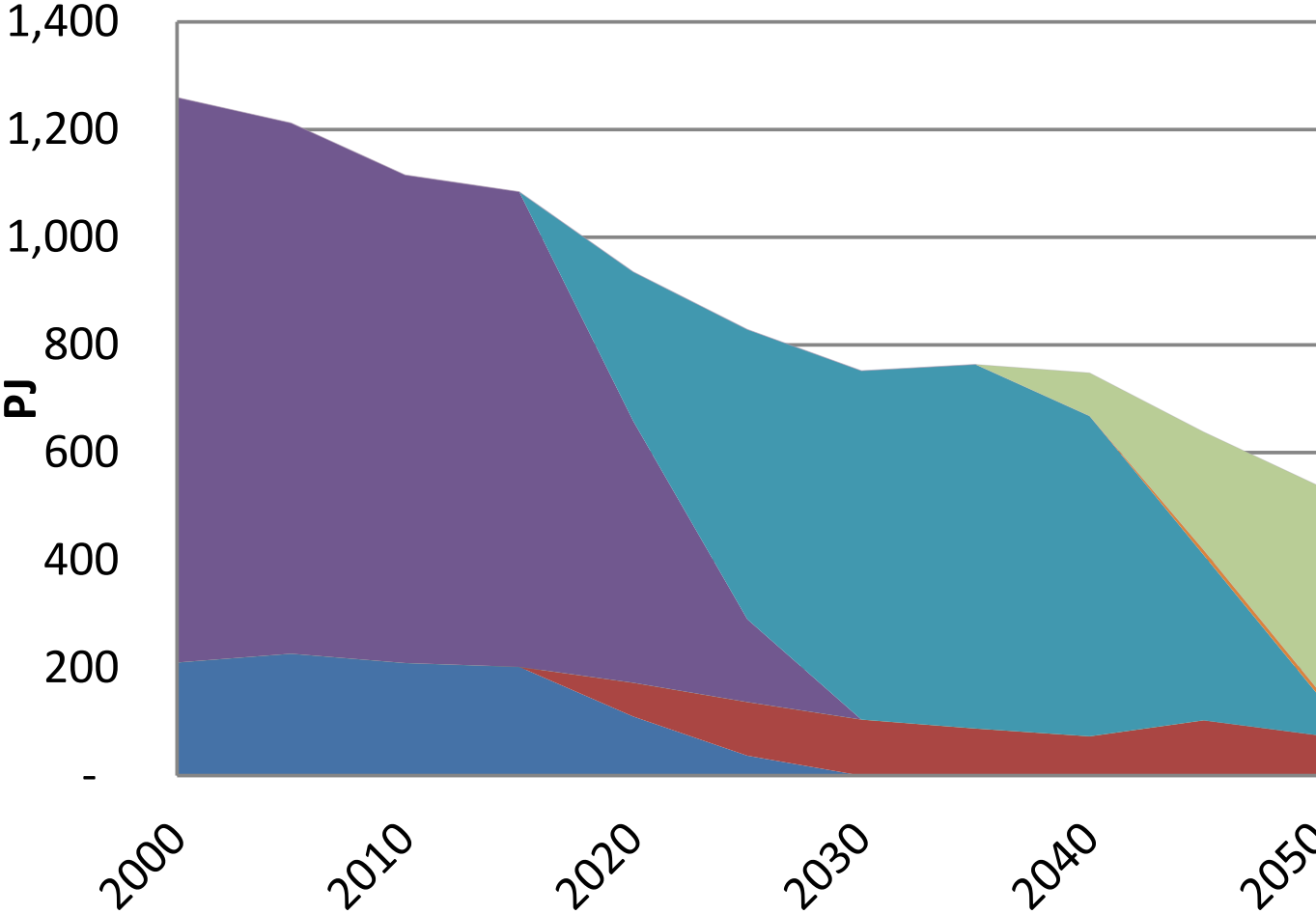
# Generation by plant type



## Installed capacity by plant type

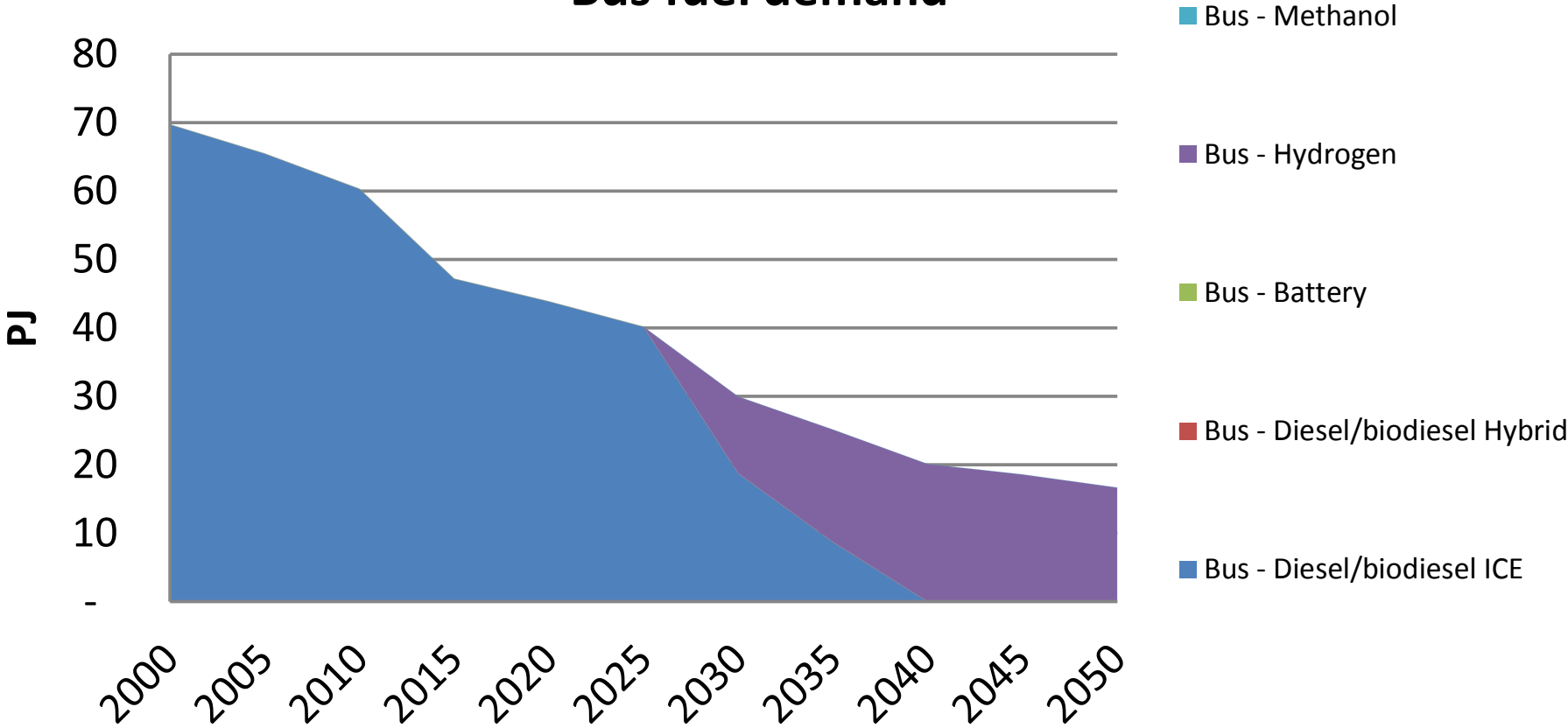


# Car fuel demand

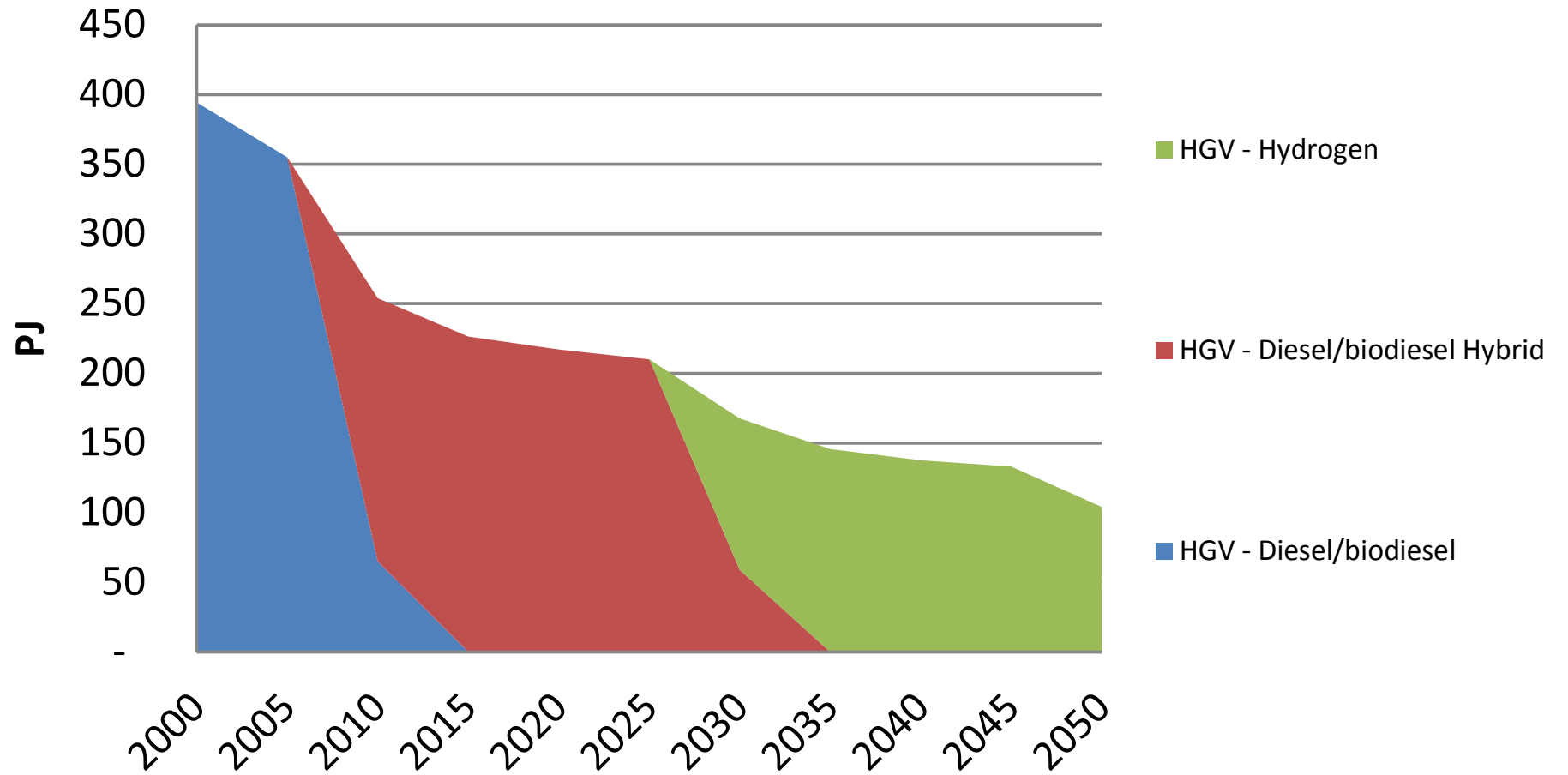


- Car - Methanol
- Car - Hydrogen
- Car - Battery
- Car - E85
- Car - Petrol Plug-in
- Car - Petrol Hybrid
- Car - Petrol ICE
- Car - Diesel/biodiesel Plug-in
- Car - Diesel/biodiesel Hybrid
- Car - Diesel/biodiesel ICE

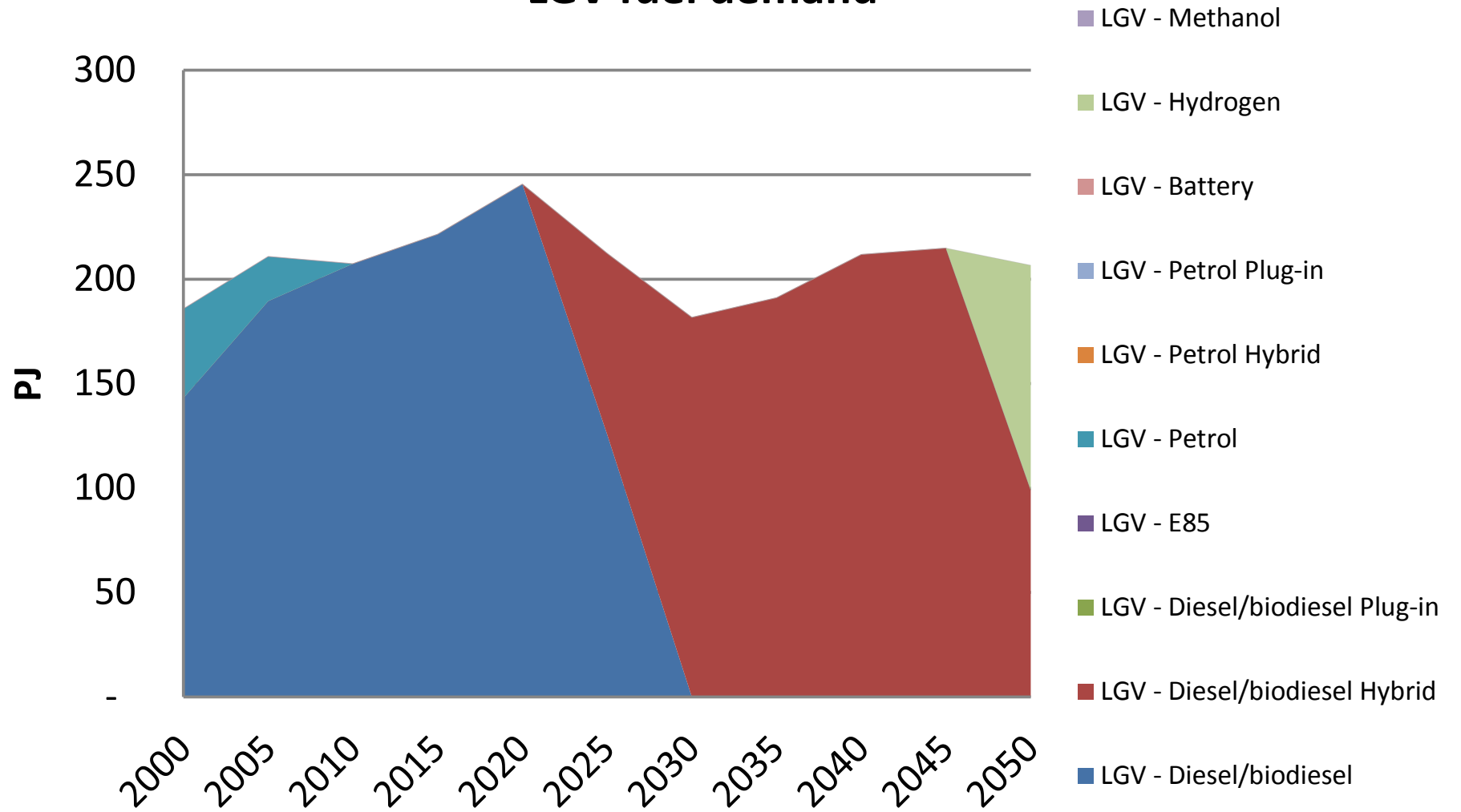
# Bus fuel demand



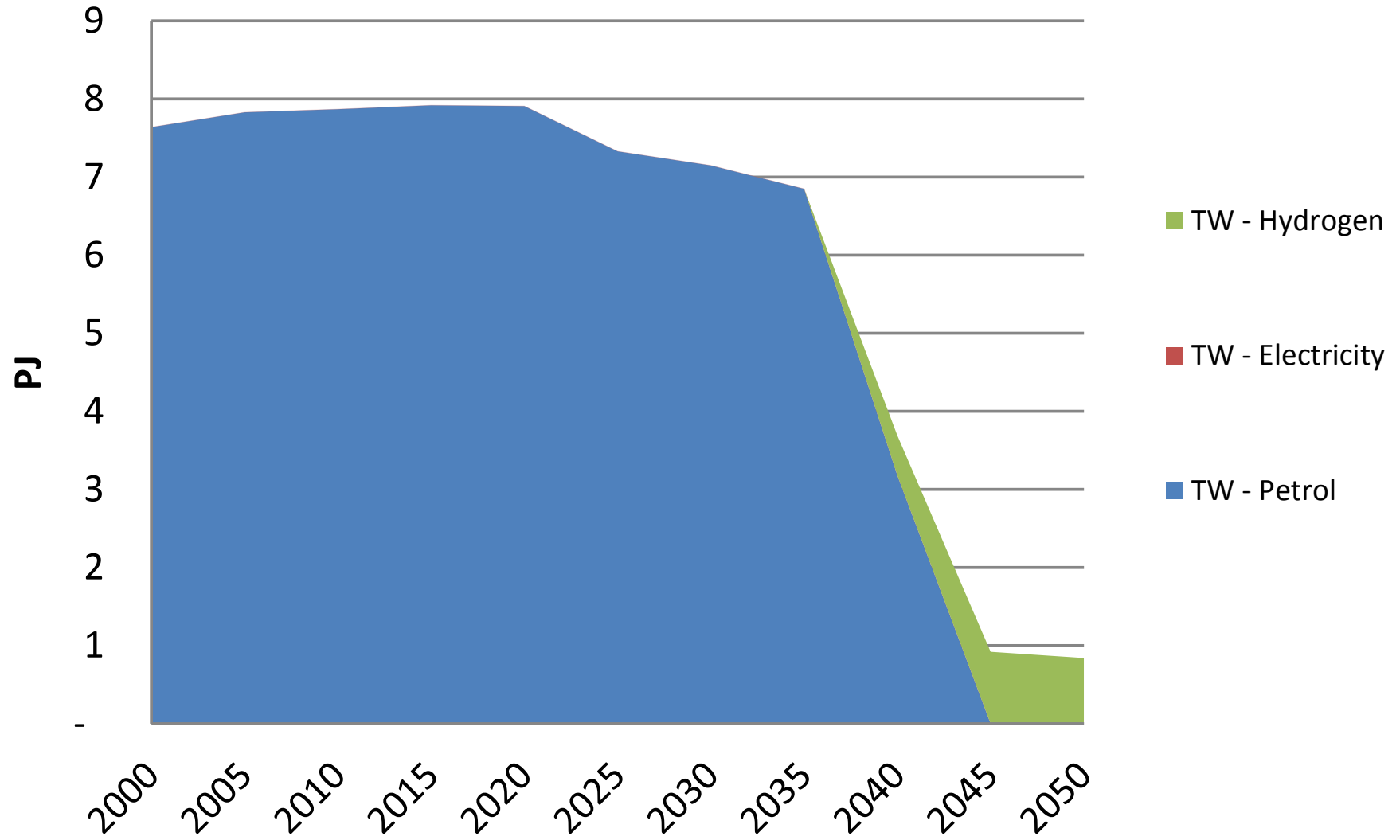
# HGV fuel demand



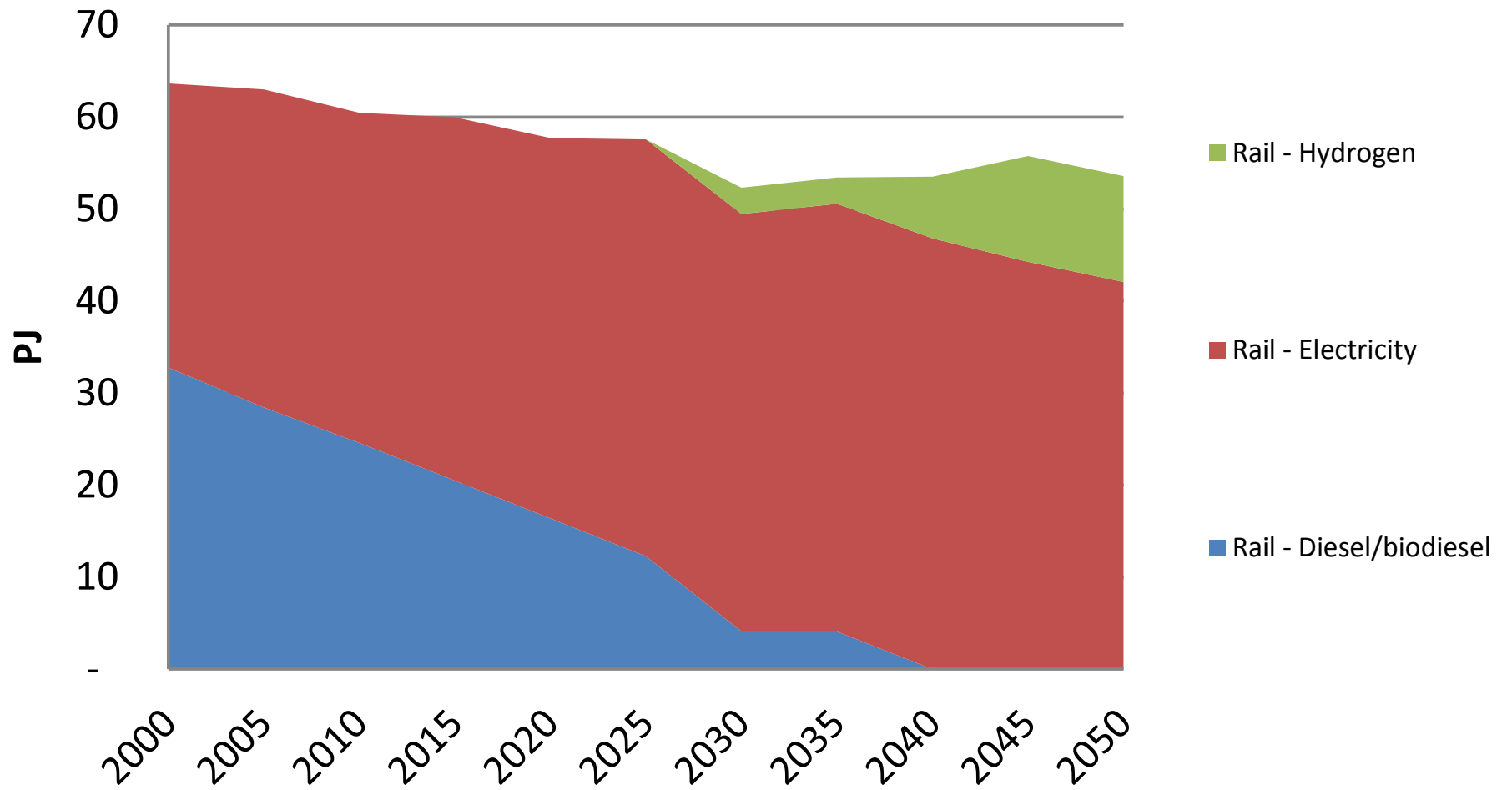
# LGV fuel demand



## Two-wheeler fuel demand

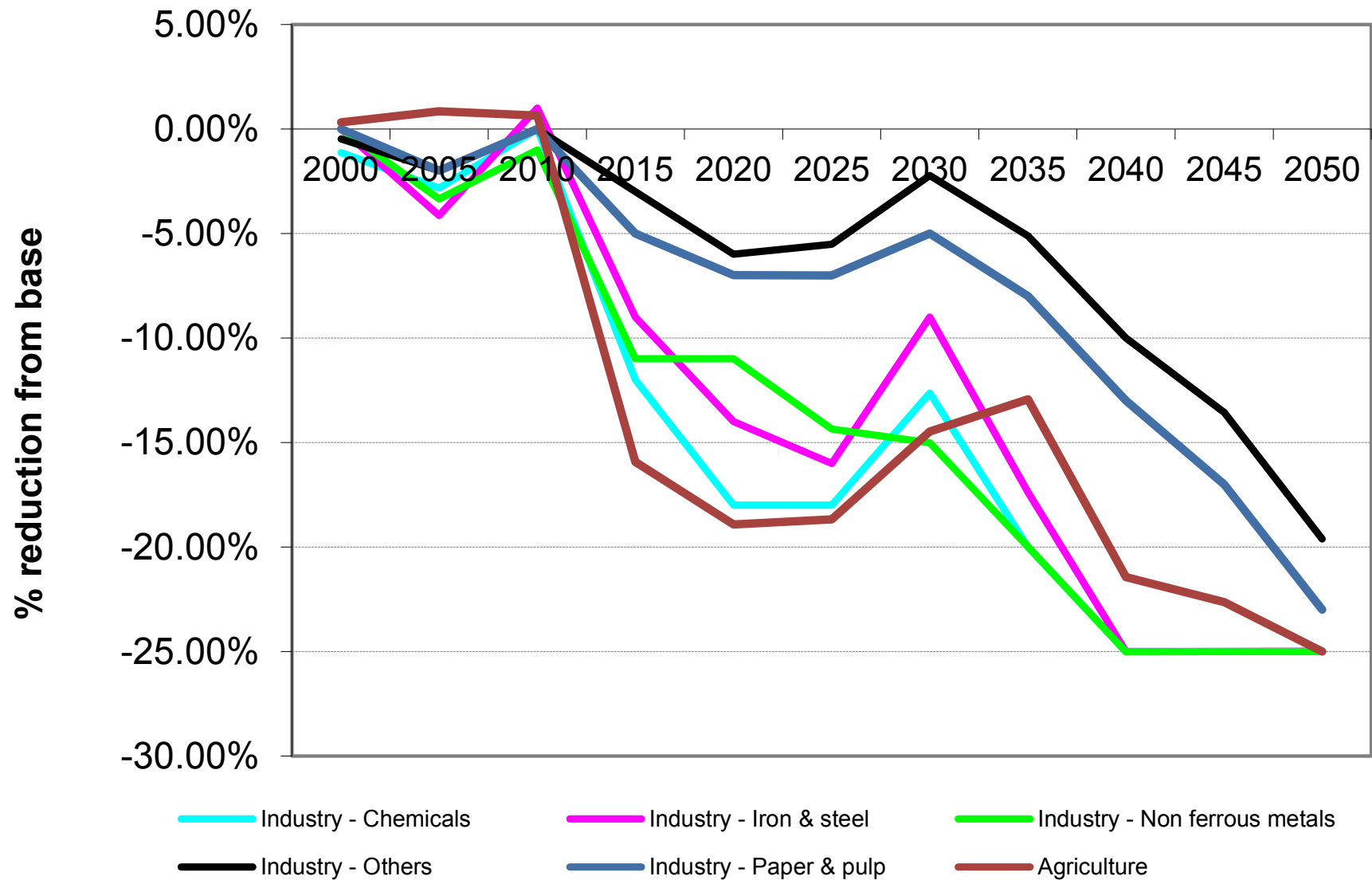


## Rail fuel demand

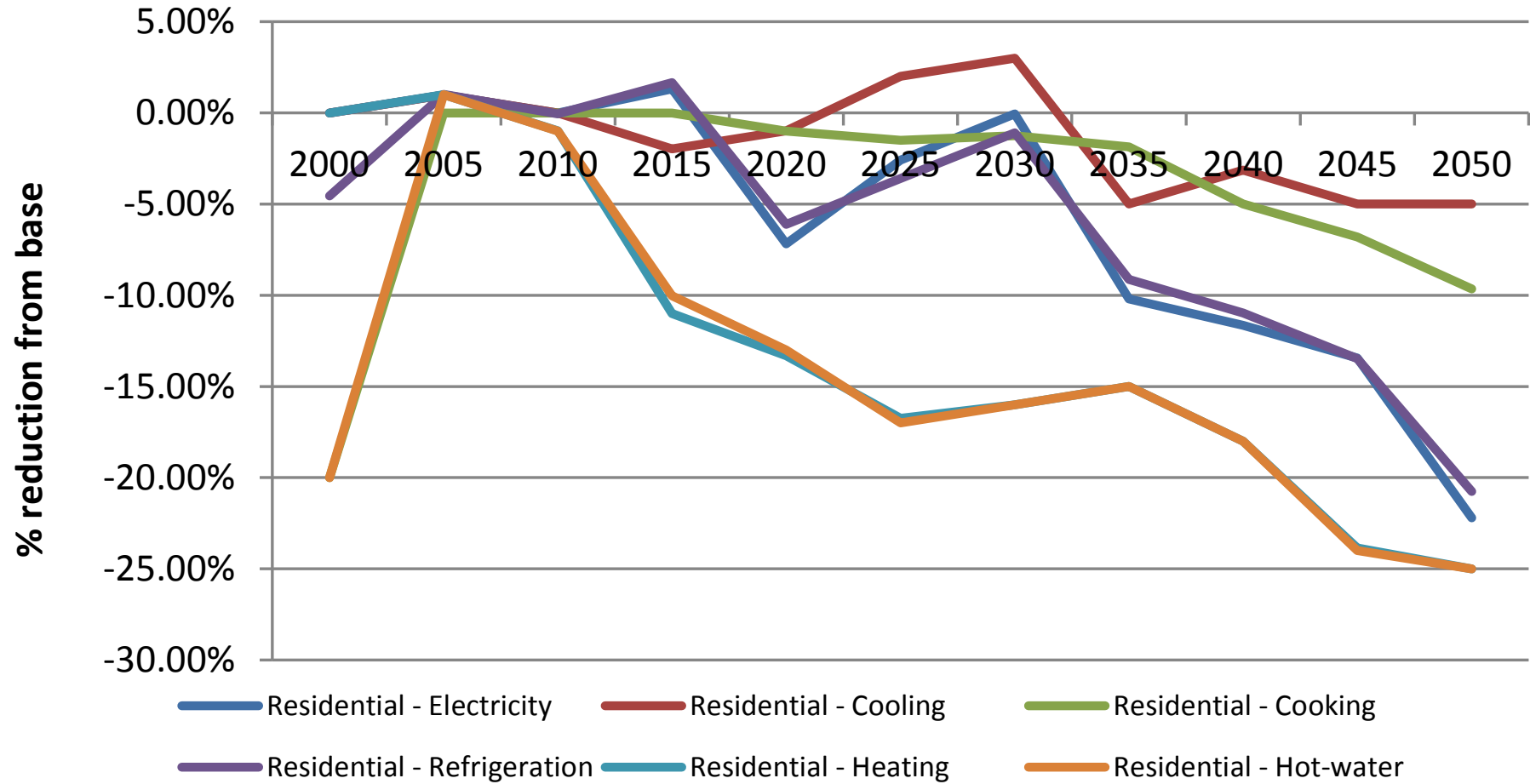




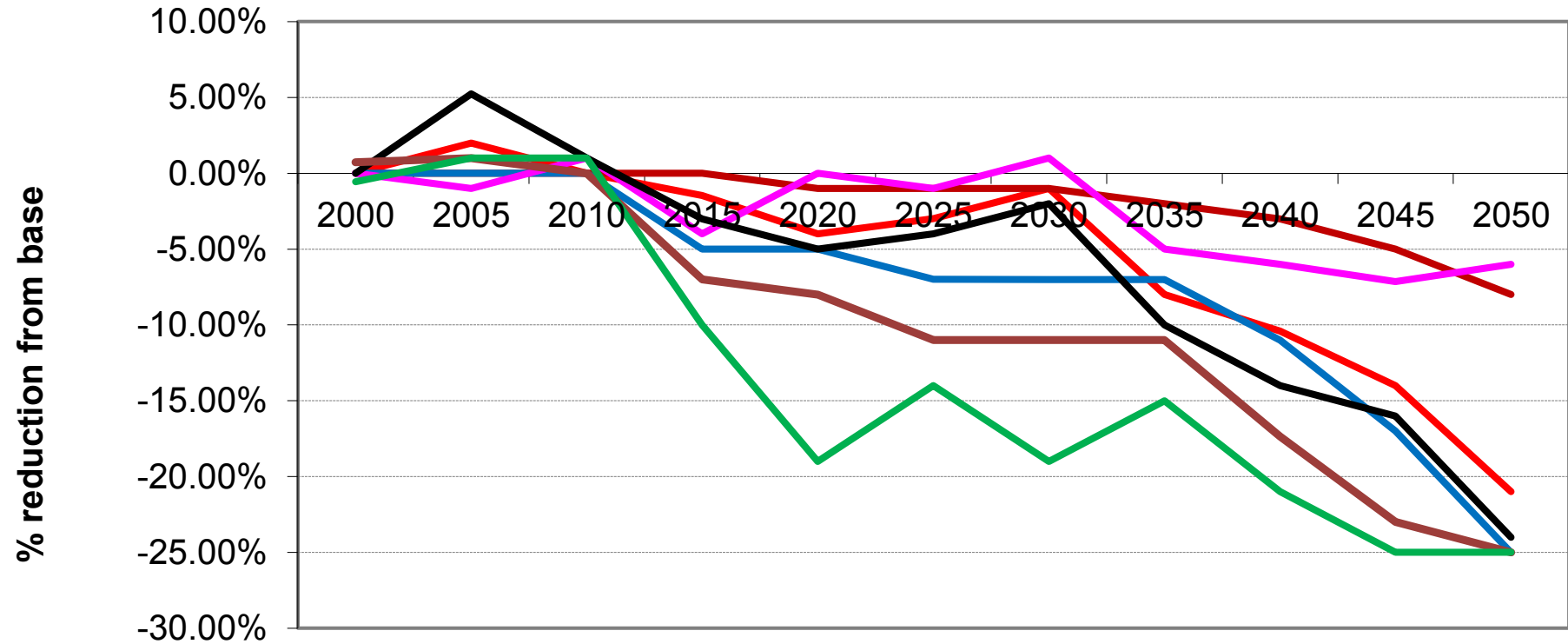
## Industry and agriculture demand reductions



## Residential demand reductions

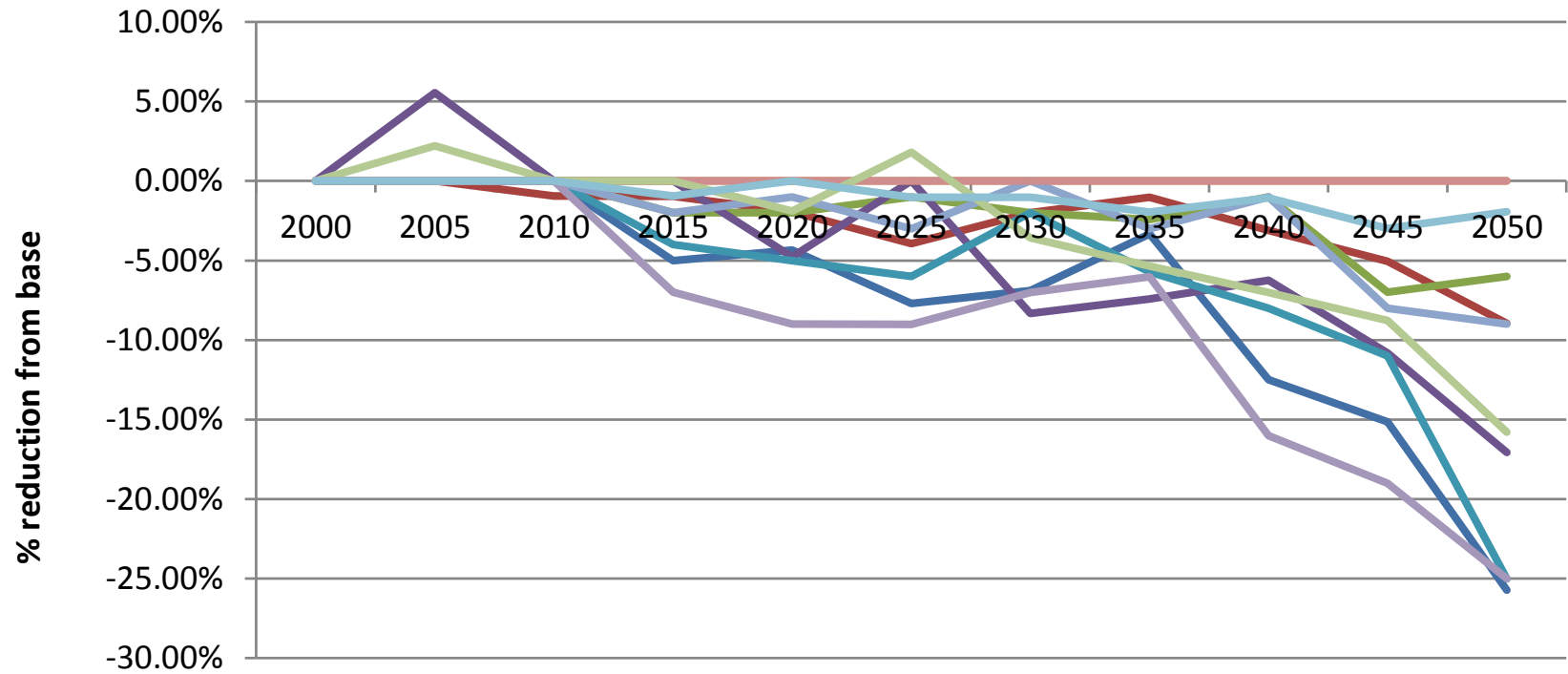


### Service demand reductions



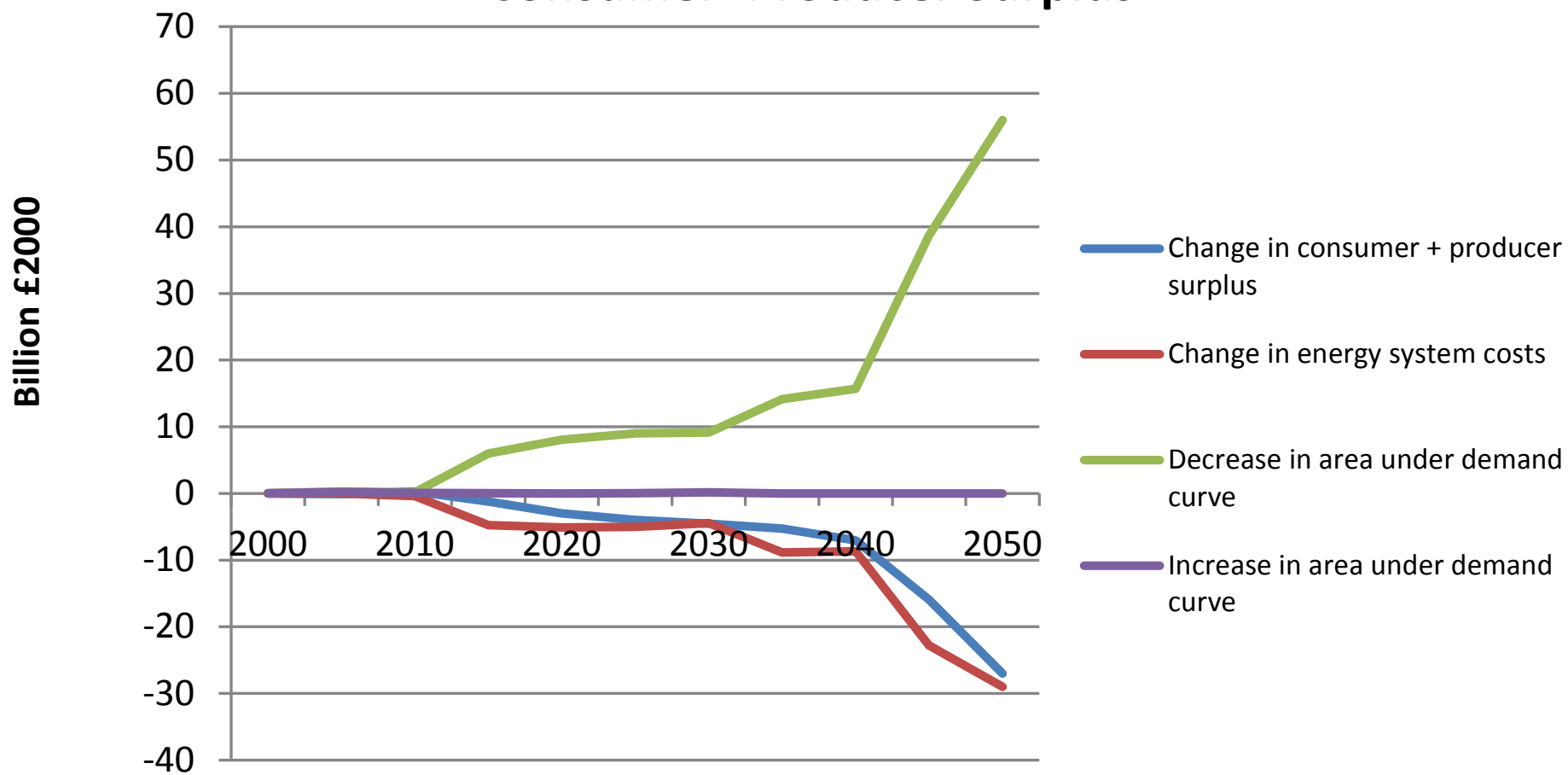
- Services - Lighting
- Services - Refrigeration
- Services - Cooking
- Services - Cooling
- Services - Other electrical
- Services - Heating
- Services - Hot-water

## Transport demand reduction

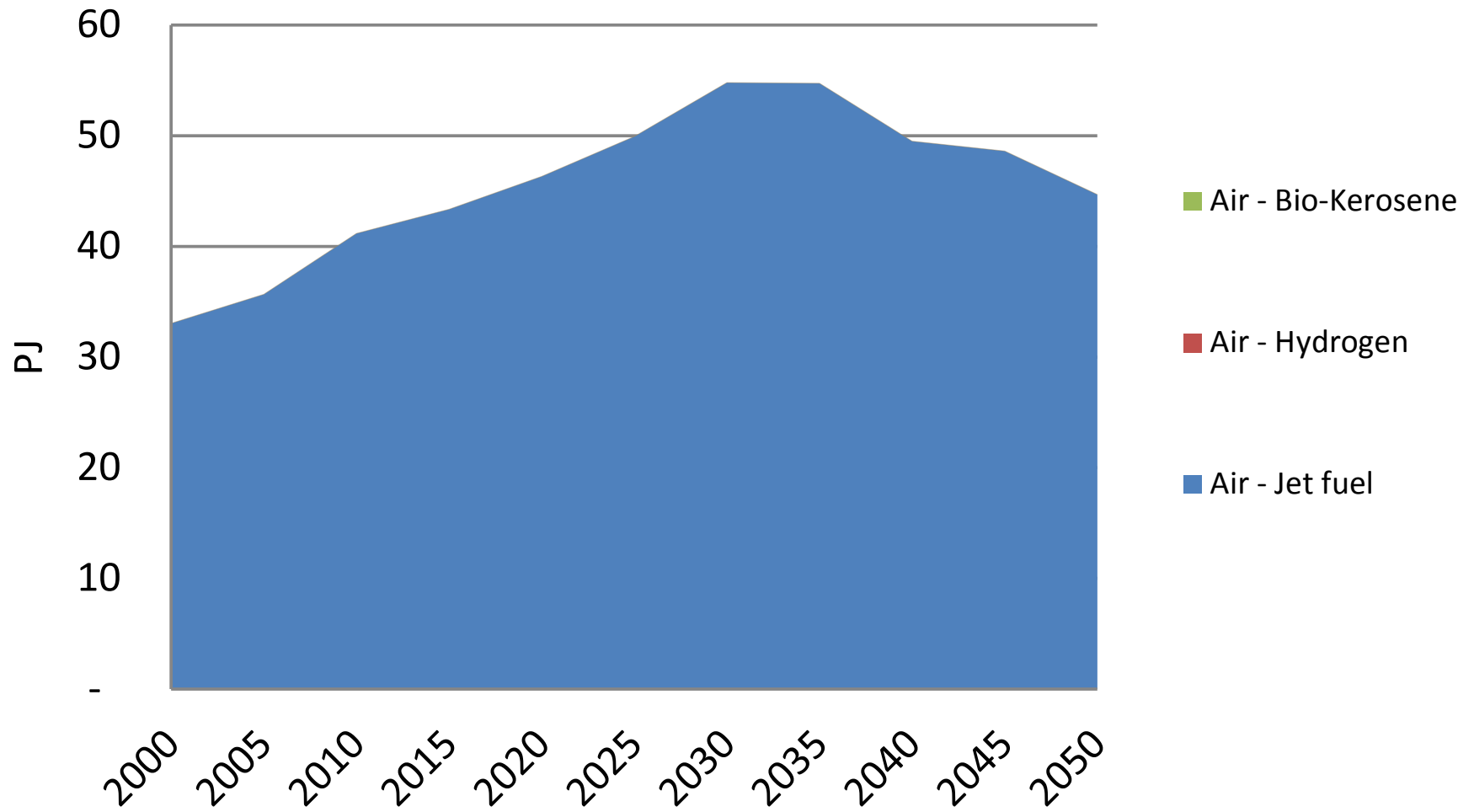


- Transport - Air domestic
  - Transport - Rail freight
  - Transport - LGV
  - Transport - Shipping
- Transport - Bus
  - Transport - HGV
  - Transport - Int'l Shipping
  - Transport - Two wheeler
- Transport - Car
  - Transport - Air International
  - Transport - Rail passenger

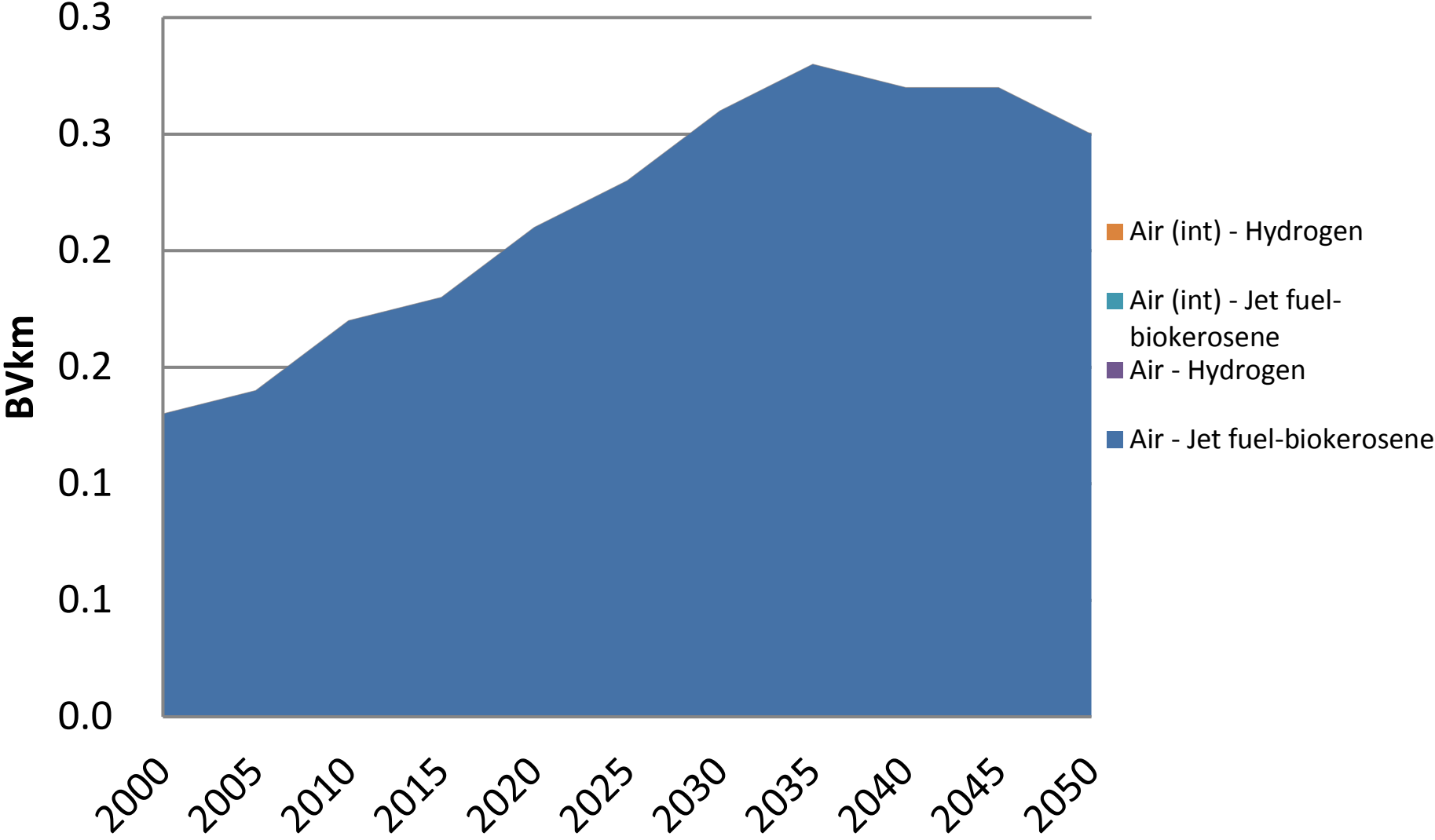
# Consumer+Producer Surplus



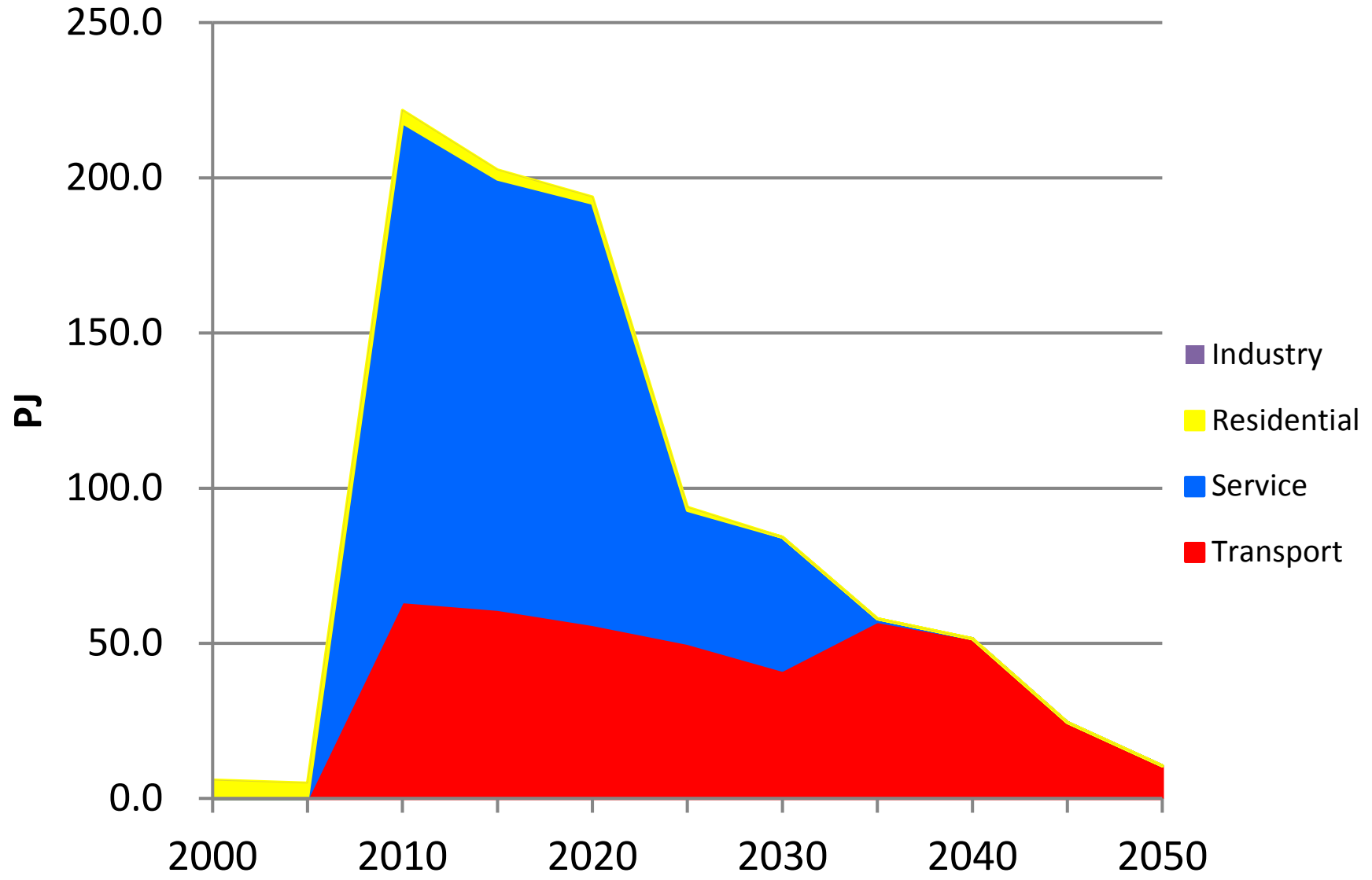
# Aviation fuel demand



# Aviation fleet

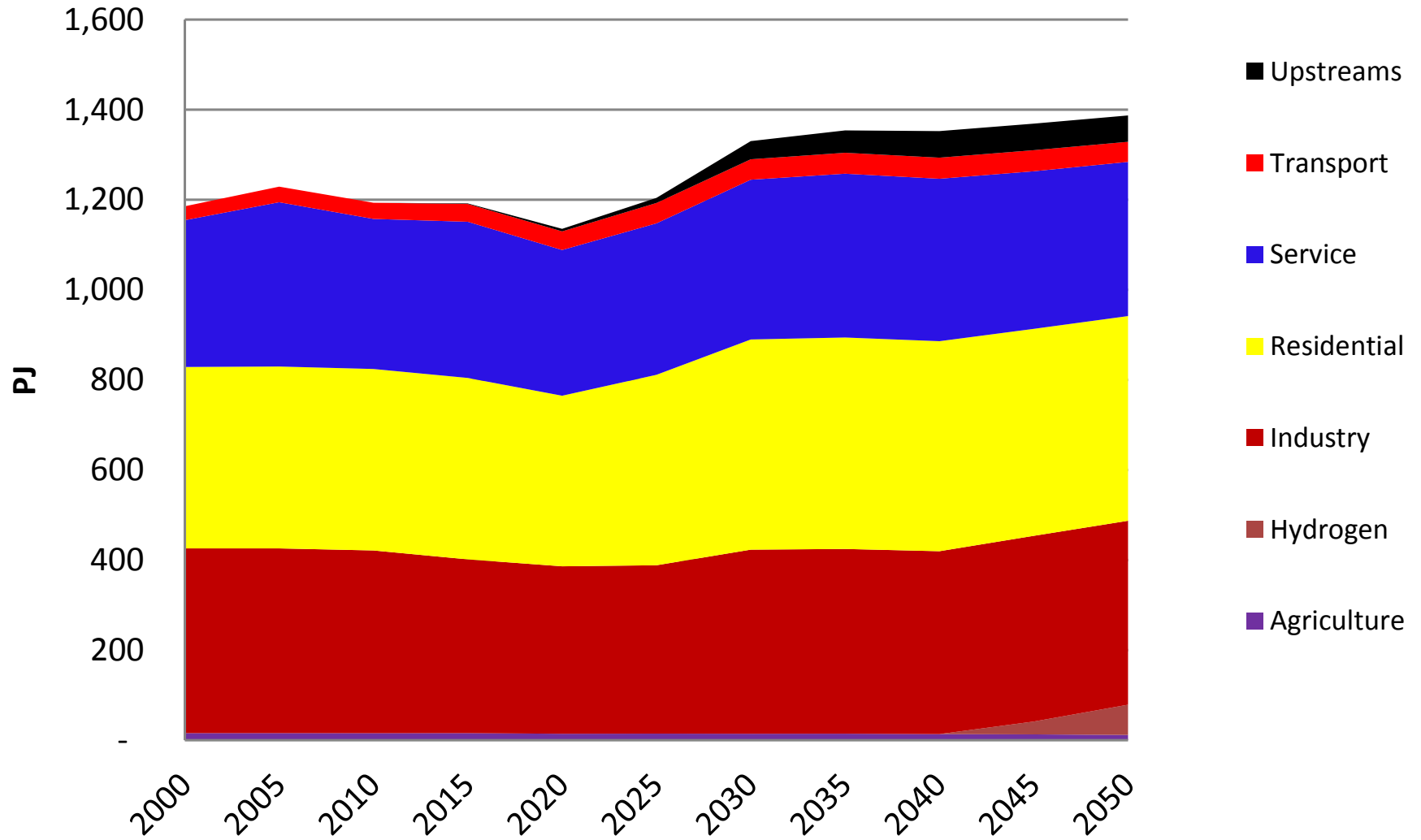


# Bio-products in final energy

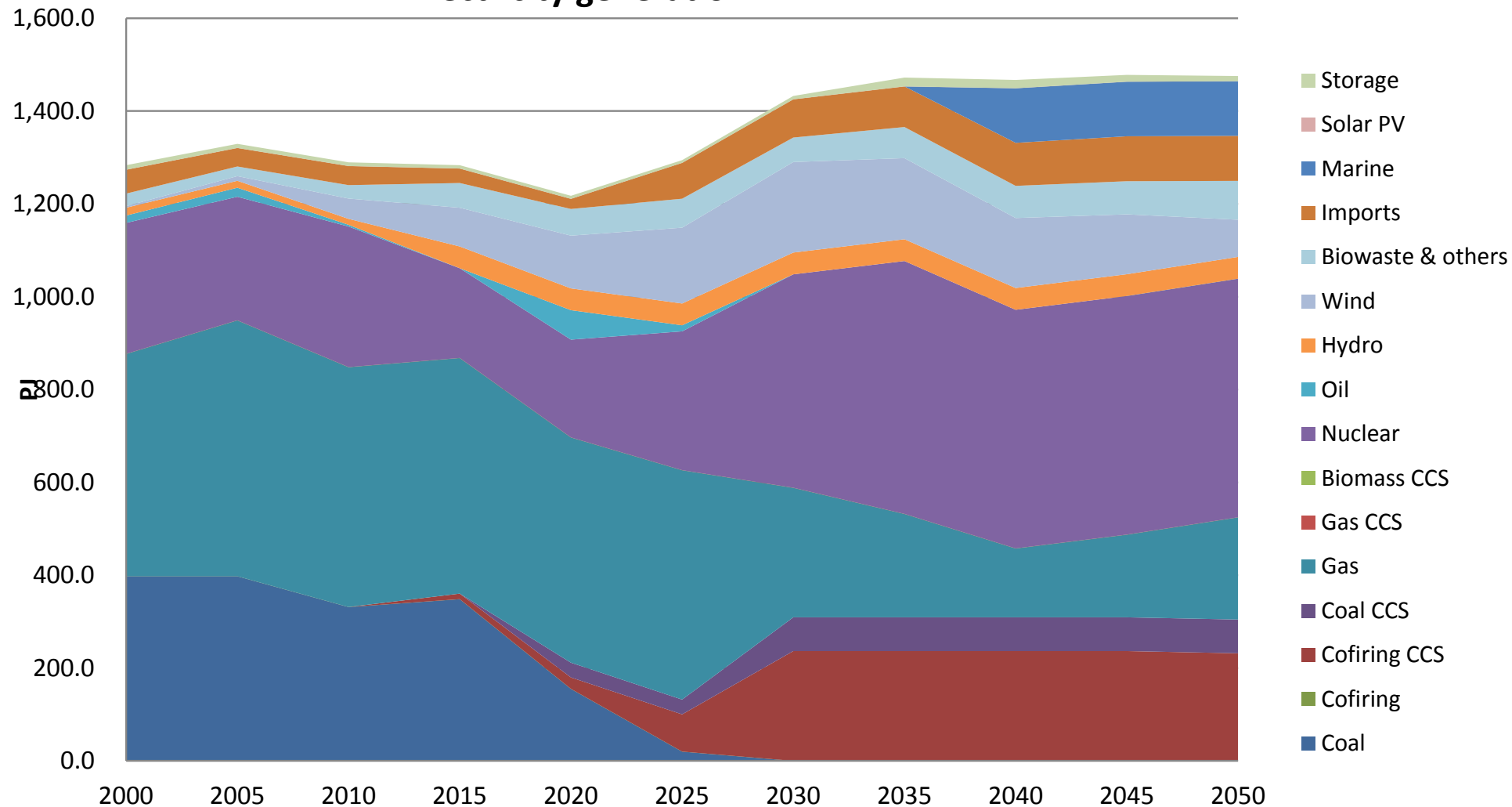




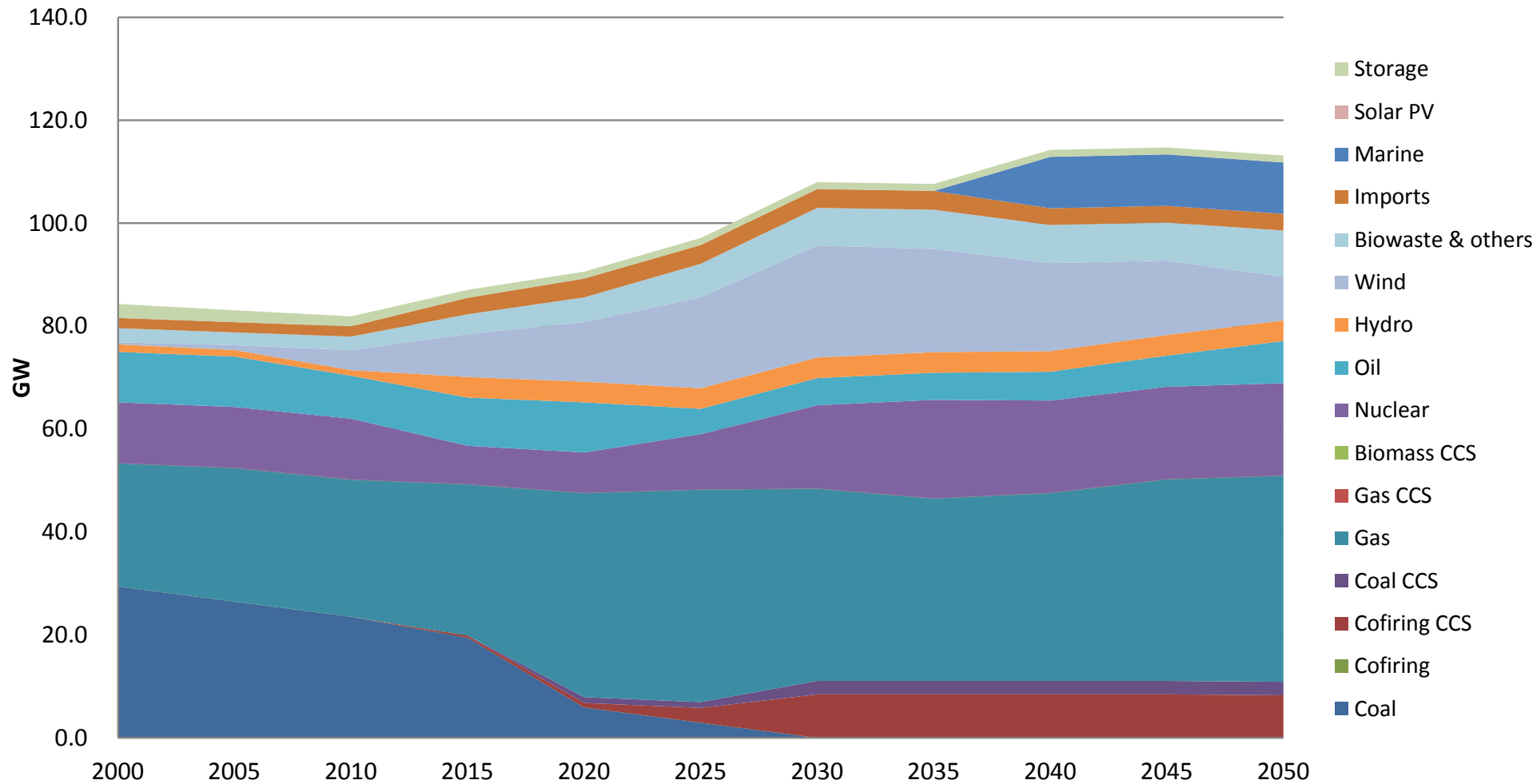
## Sectoral electricity demands (PJ)



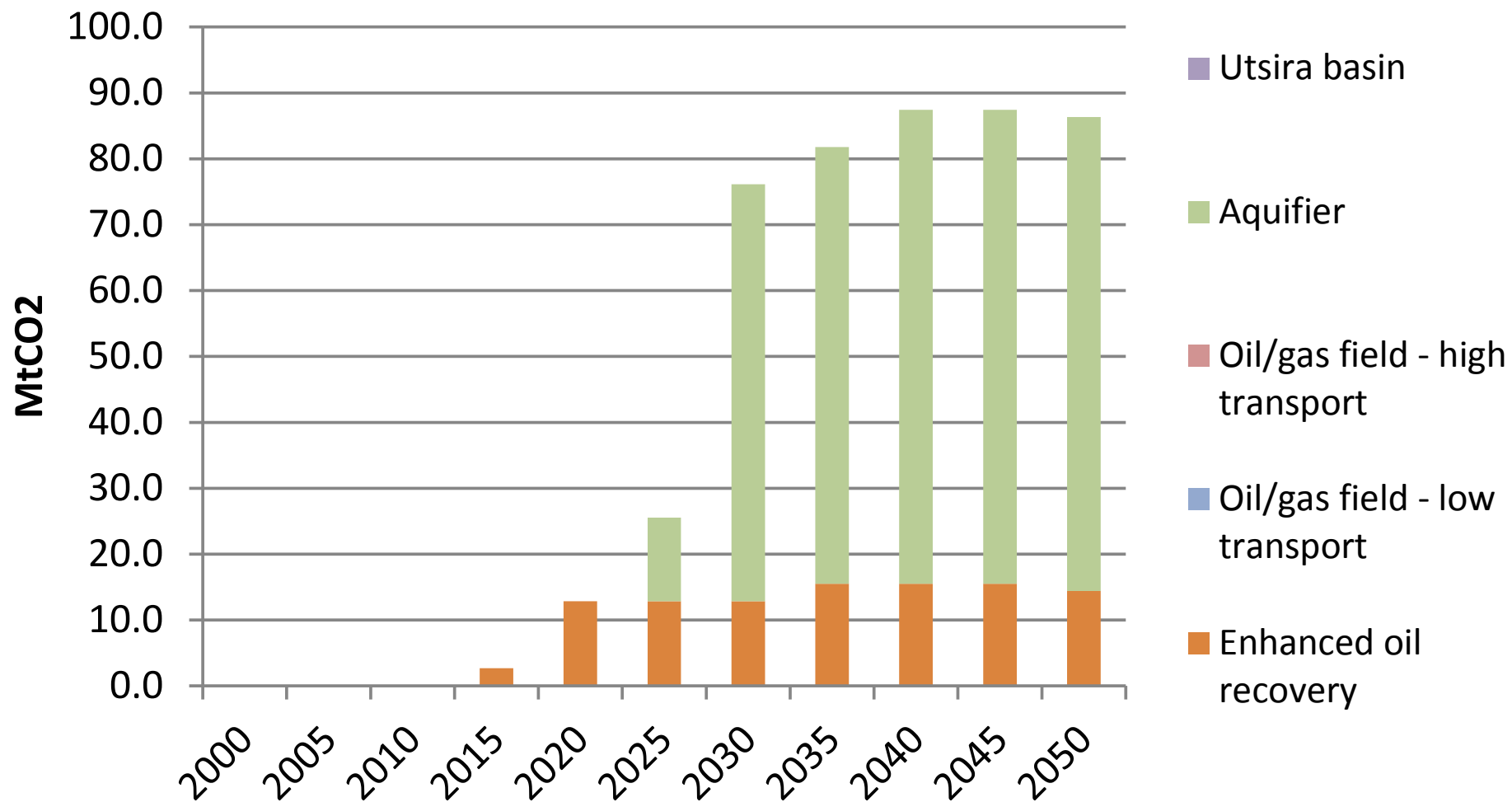
### Electricity generation mix



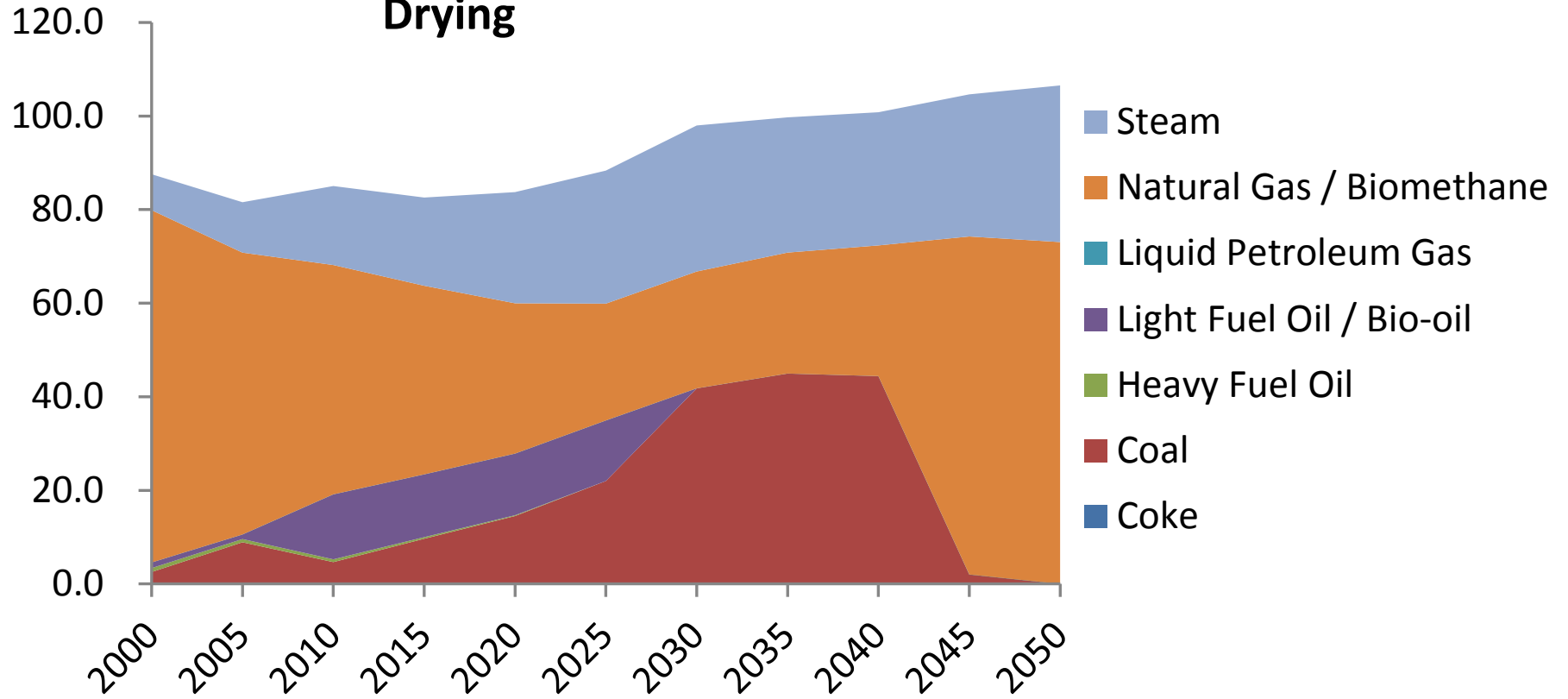
# Installed electric capacity



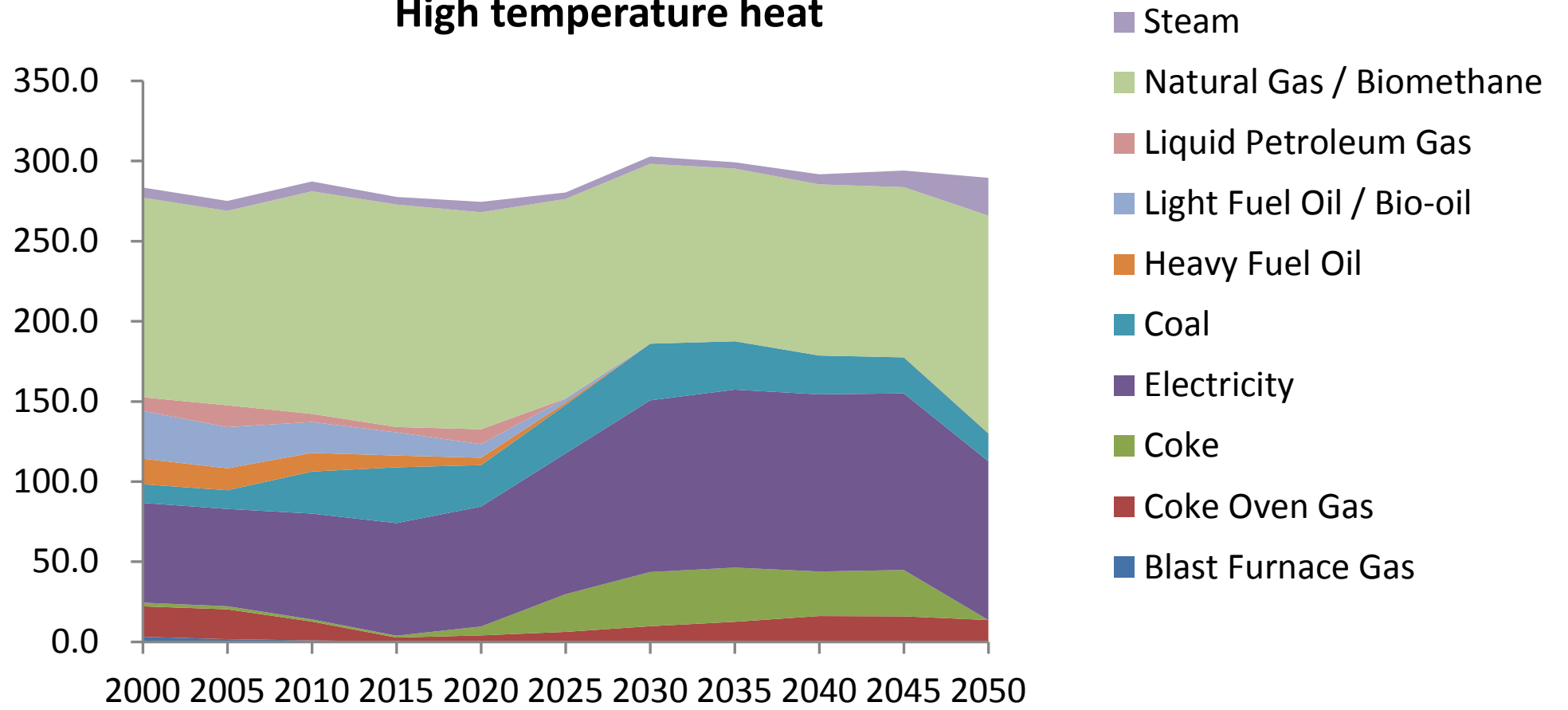
# Carbon capture and sequestration (CCS)



# Drying



## High temperature heat



### Low temperature heat

