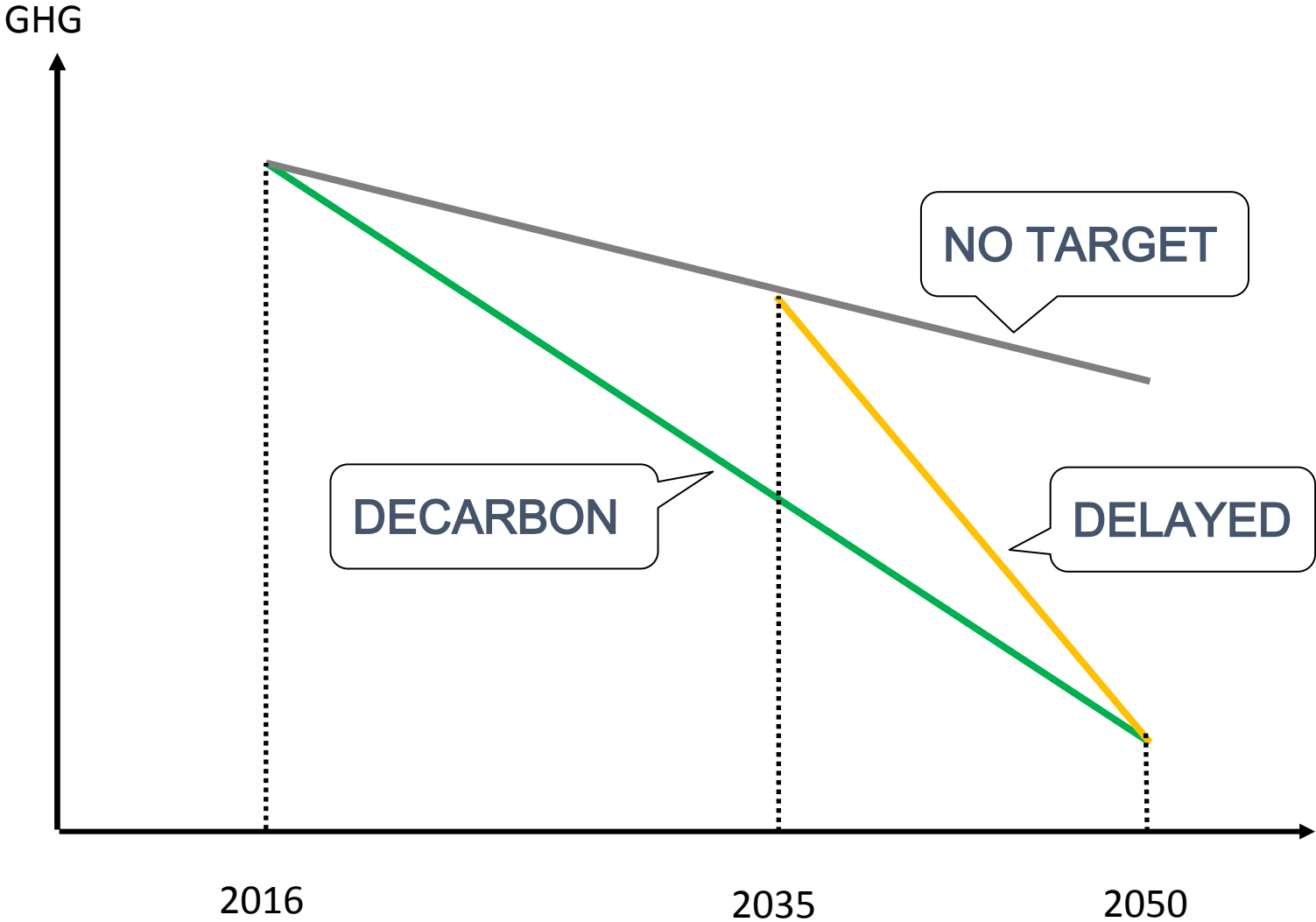
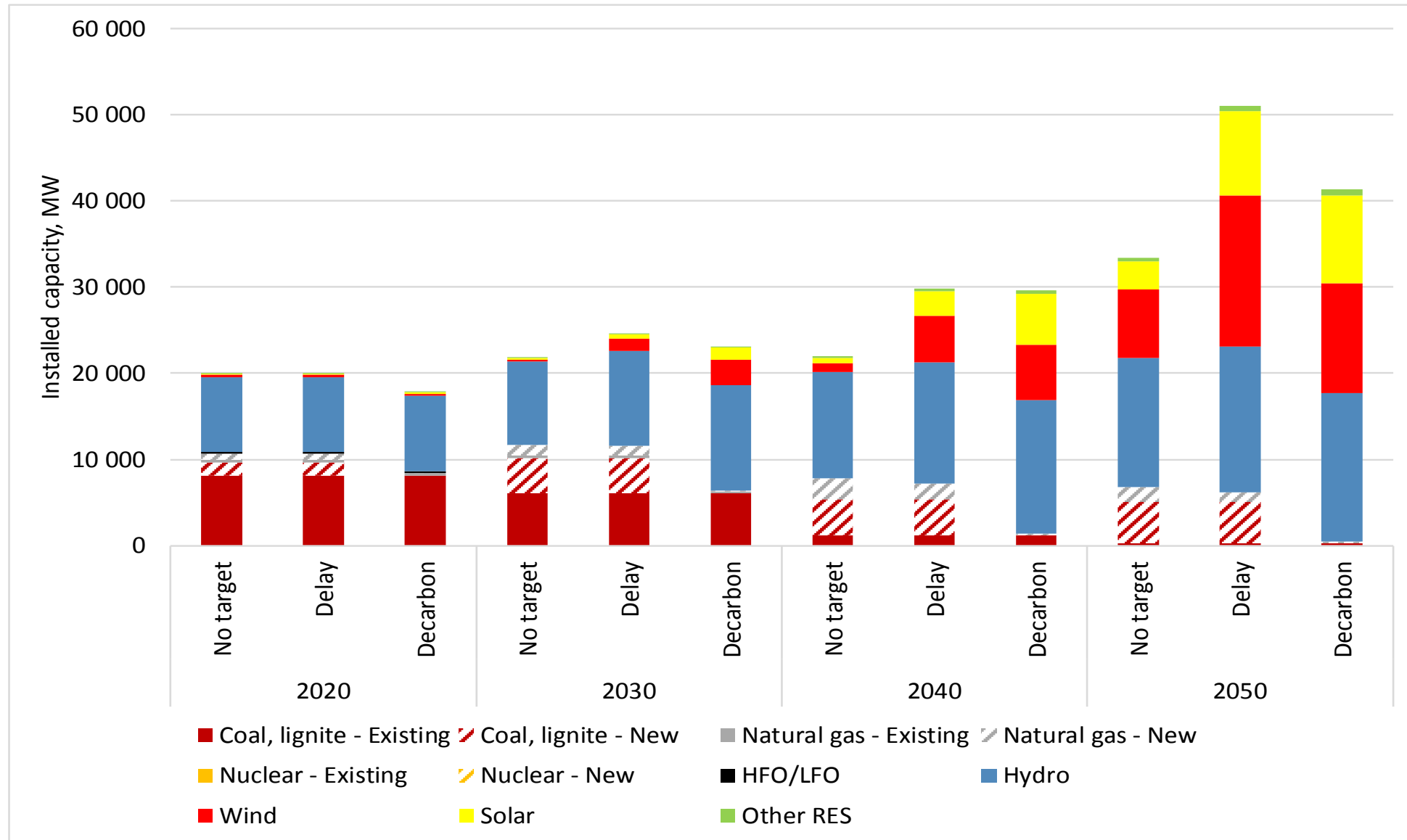


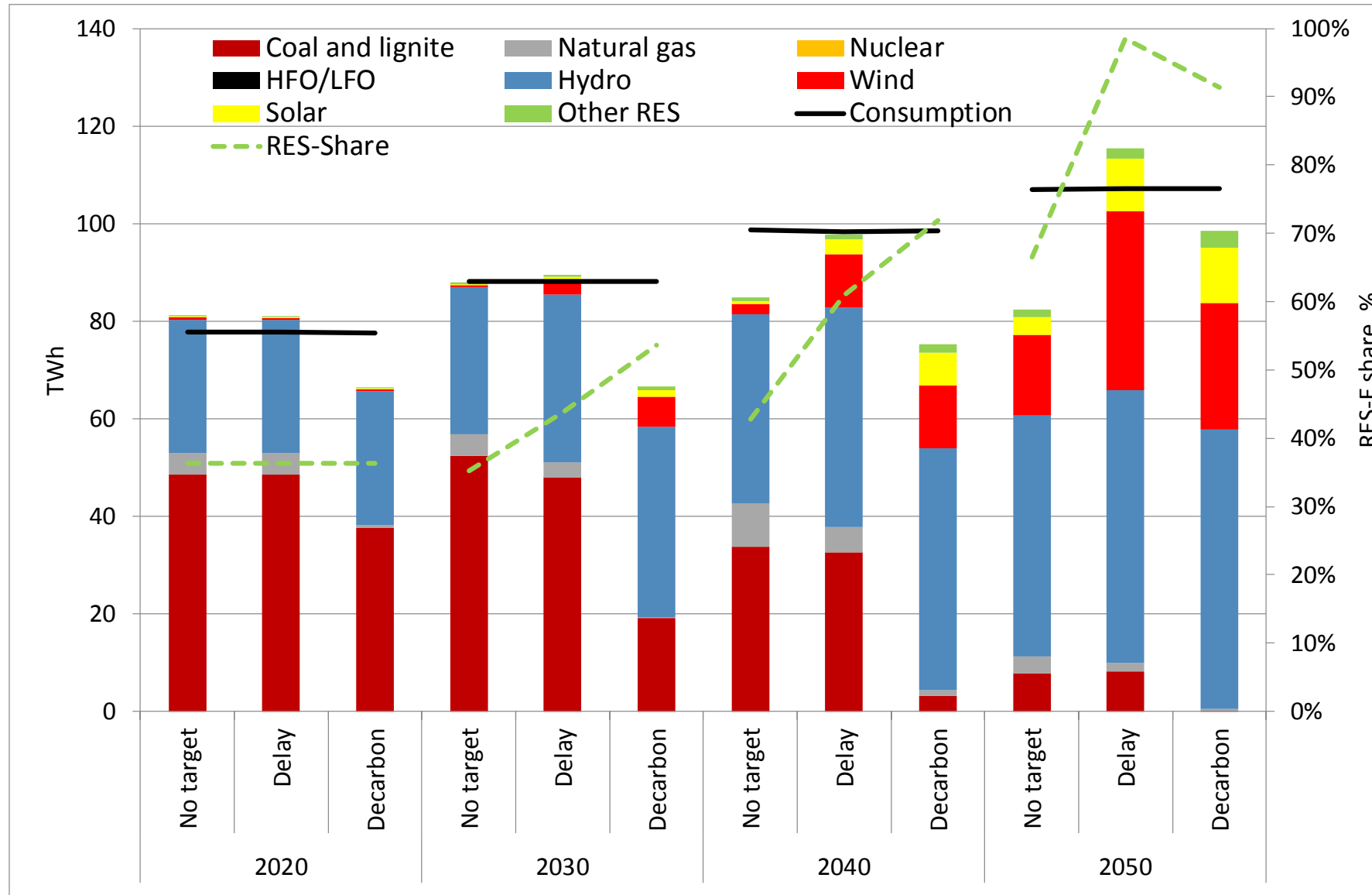
# Electricity sector modelling scenarios - SEERmap



# WB6 installed generation capacity (MW)



# WB6 electricity production – TWh



- The transformation of electricity sector in WB will happen even without any policy interference
- The role of lignite in electricity production will go down even in no target scenario from 50 to 7-8 TWh by 2050
- Electricity sector transformation will have a sizeable macroeconomic impact in case of smaller countries – stranded assets will mean significant loss
- Validity of new lignite based generation is in question
- After 2030 NO TARGET scenario fulfills lower proportion of demand with electricity from the region than the other two (DELAYED brings the highest demand fulfillment, but it has a price)
- Delayed deployment of RES-E will mean higher installed capacity – higher total investment costs – early RES-E deployment is recommended
- Costs of investment in RES-E is high in the region – government action is needed to reduce
- Support for RES-E is needed before 2030
- Wholesale prices of electricity does not vary significantly across the scenarios – until 2040, when DECARBON scenario brings lower prices.