



Status of ETSAP-TIAM

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Status of ETSAP TIAM (phase I)

- *The database of ETSAP TIAM Phase I is available with the information related a objective function value depending on the TIMES /VEDA Version*
- *For documentation all files are listed in a file with a short descriptions (a distinguish between base case and additional scenarios has been made)*
- A Final Report is available.



Status of ETSAP TIAM (phase II)

- An updated version of a common ETSAP-TIAM database for energy systems analysis, including extensions provided by the partners is for testing available, running with a documented objective value and reproduced by several partners.
- A update of the file list was created.
- A short technical reports of the changes of the second ETSAP-TIAM phase is available.
- A final report on the activities of the second ETSAP-TIAM phase is ongoing.



Contribution of partners to Phase II

Improvement	Partner	Description
Iron and Steel	<i>VITO</i>	More detail new process of Iron and steel production. Estimation of residual steel production capacity is included. Trades of Scrap and Ore are considered.
Wind	<i>IFE</i>	New wind technologies are included.
China database	<i>DTU</i>	Improvement of statistics and related bugs of China in the base year.
New sequestration options	<i>CMA</i>	New sequestration options are included. Also, Onshore sequestration is limited to zero.
Nuclear	<i>CIEMAT</i>	New Nuclear technologies (including Uranium and Lithium) are added to the model.
CCS in Industry	<i>ECN</i>	Process based approach for CCS technologies in industry sector is added to the model.
Climate Modul	<i>UCL</i>	Improvement of the Climate modul

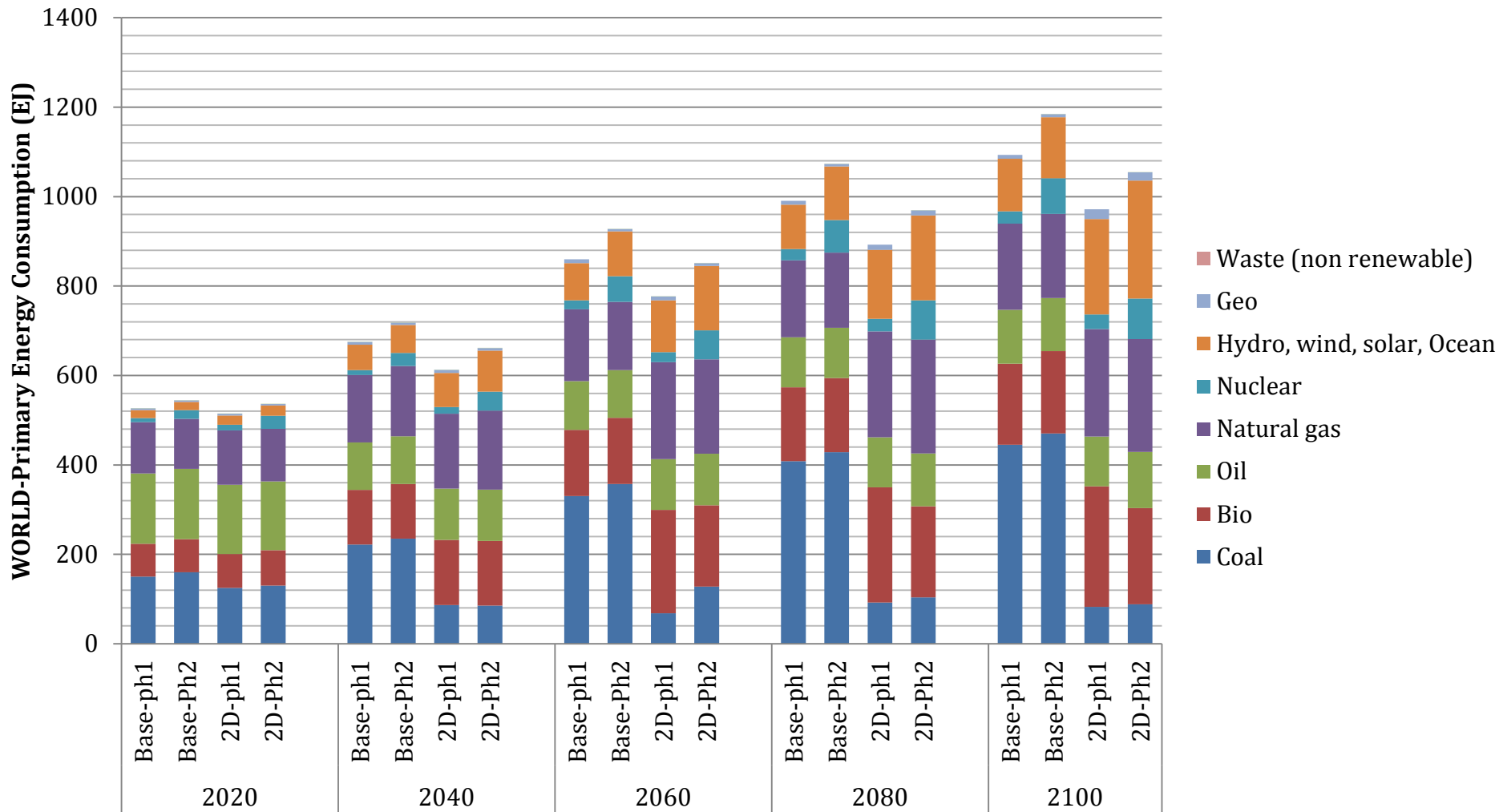


Scenario definition

Scenario	Non climate change scenarios in ETSAP-TIAM Phase I	Non climate change scenarios in ETSAP-TIAM Phase II	CO2 reduction Scenario (2 degree)
Base-Ph1	✓	✗	✗
Base-Ph2	✗	✓	✗
2D-Ph1	✓	✗	✓
2D-Ph2	✗	✓	✓

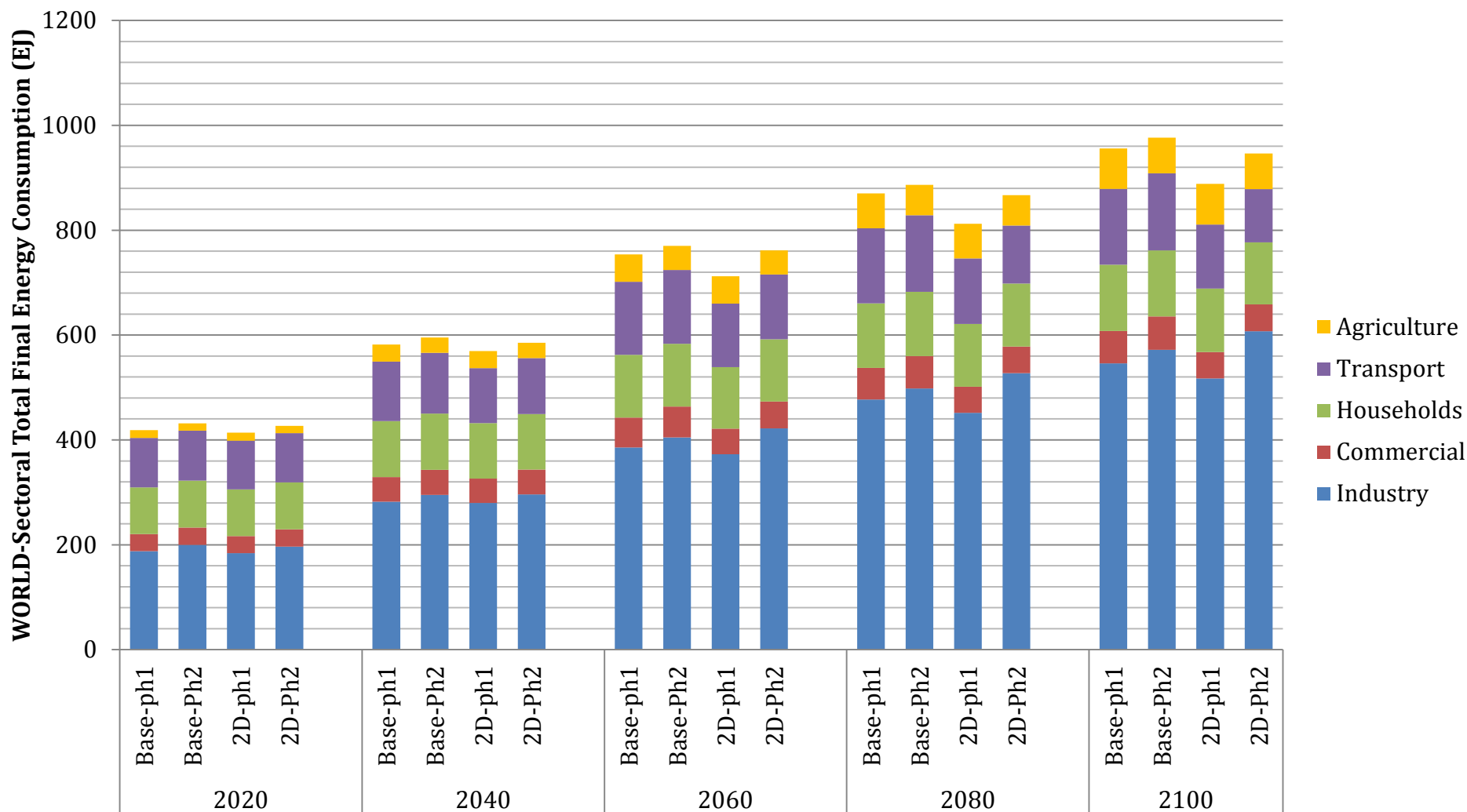


Primary Energy Consumption

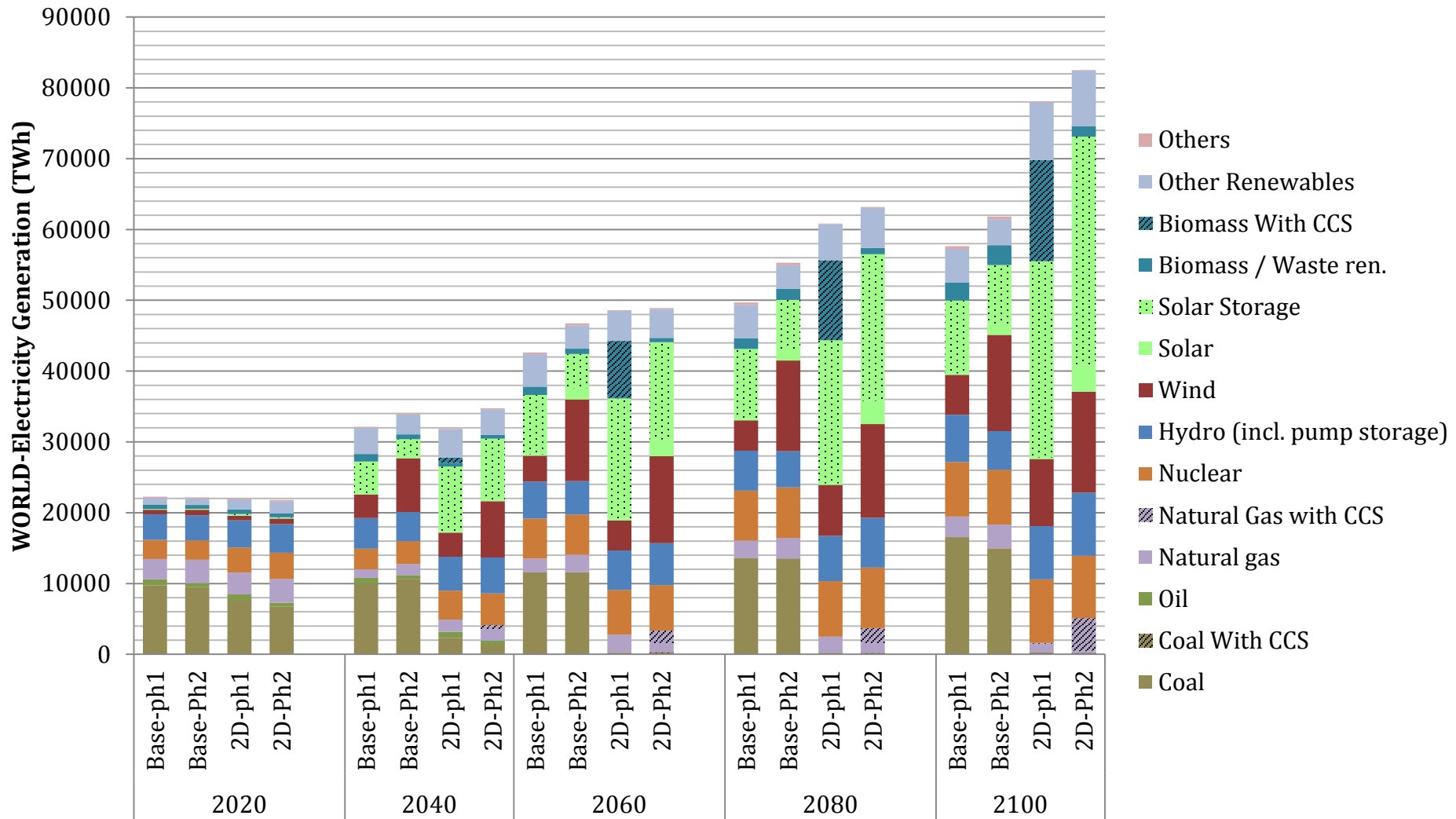




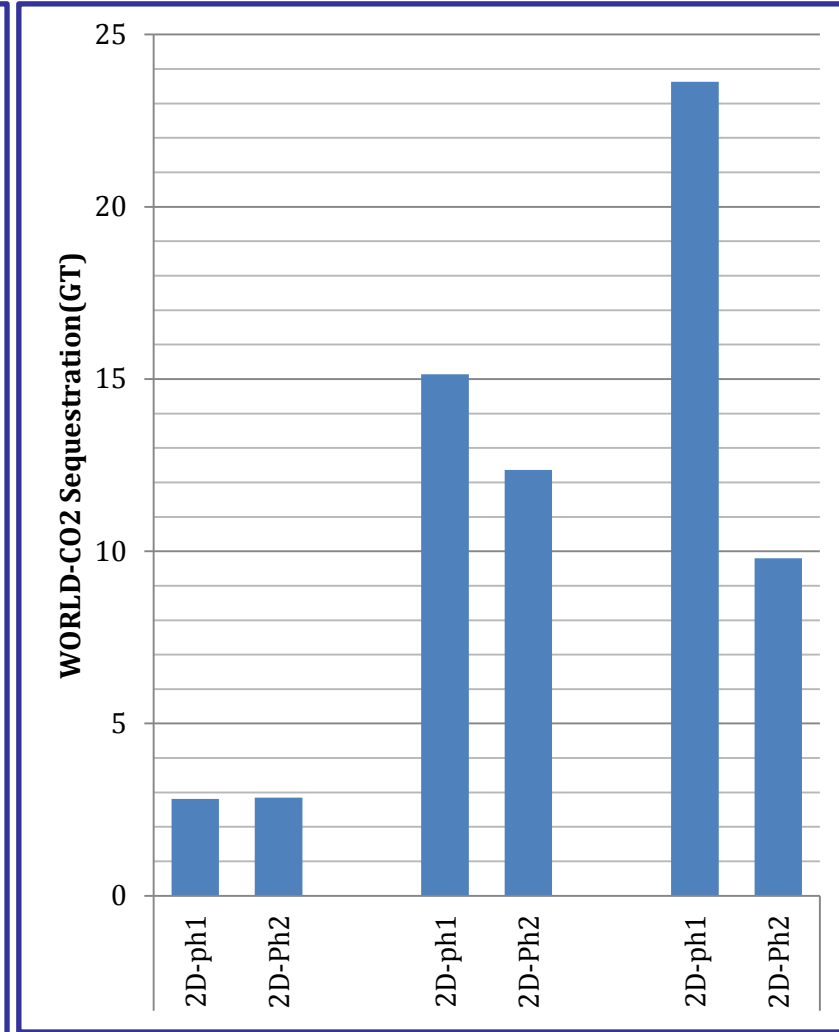
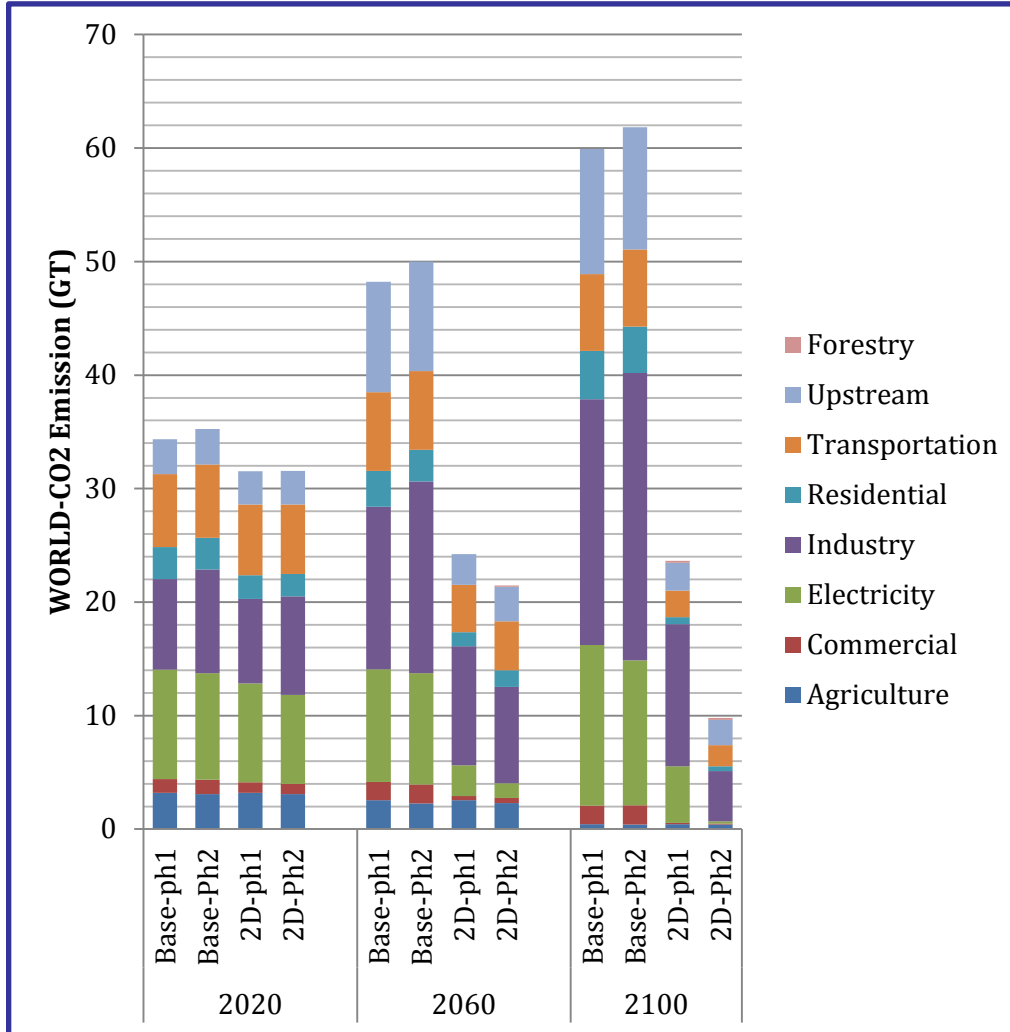
Final Energy Consumption



Electricity Generation



CO2 Emission



China

