

# SSP implementation – Step by step description

Assignment: Develop other SSP variants beyond SSP2 by adjusting demand, technoeconomic parameters, possibly adding/removing technologies/processes

Steps:

1. Find data on the various other SSPs. Looks like this page is a good starting point: <https://tntcat.iiasa.ac.at/SspDb/dsd?Action=htmlpage&page=20>
2. Choose one other SSP, for instance SSP1
3. Adjust parameters in MESSAGEix model
  - Map SSP data to MESSAGEix model data and find which parameters should be modified. This applies to both values of parameters and bounds defined in MESSAGEix.
  - Adjustment of the parameters could be done in the South Africa excel file
4. Run the model with various scenarios for both SSP2 and SSP1. Compare results.