



# The Scottish Government

Policy development using the Scottish TIMES  
model

Andrew Mortimer

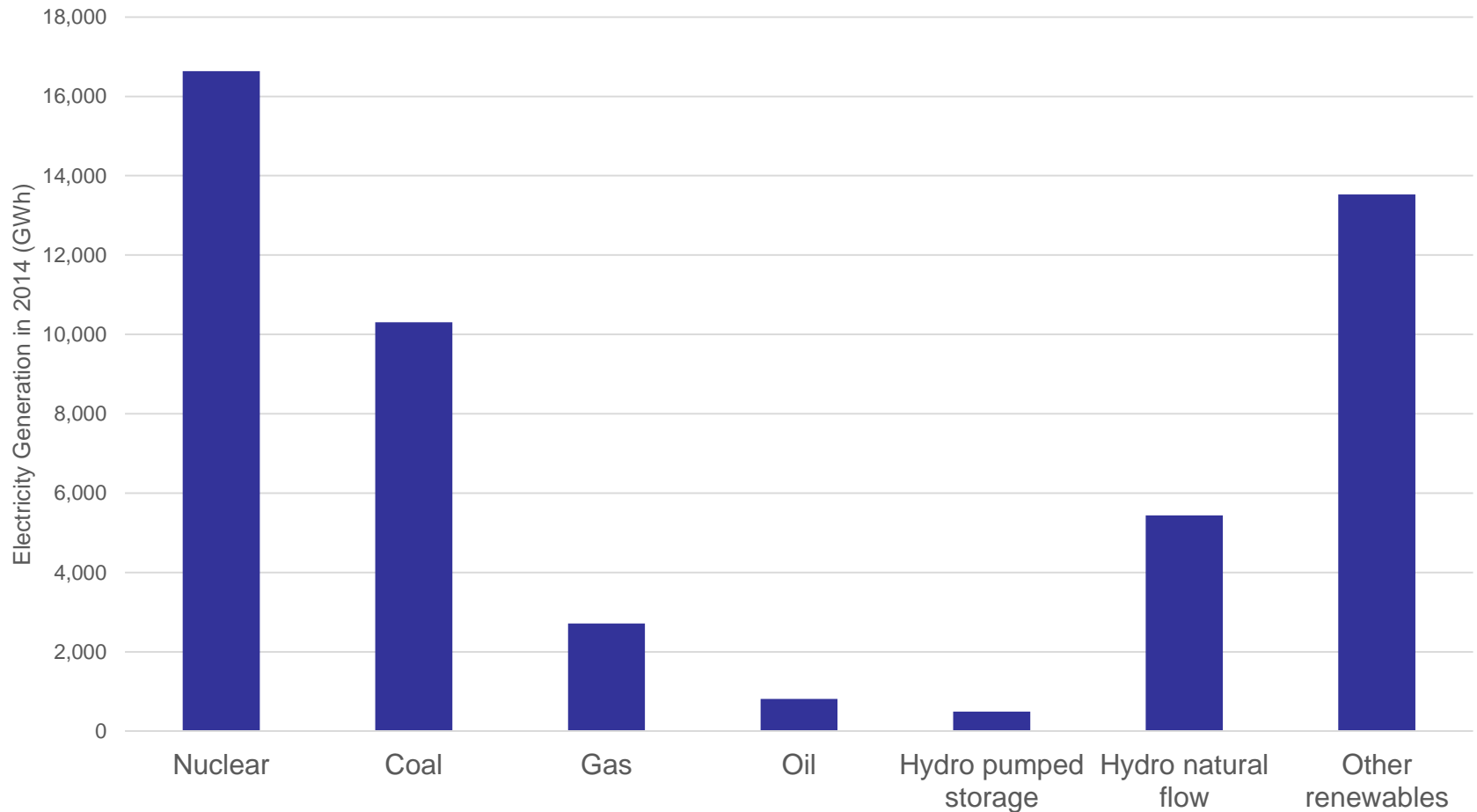
Statistician

Office of the Chief Economic Adviser

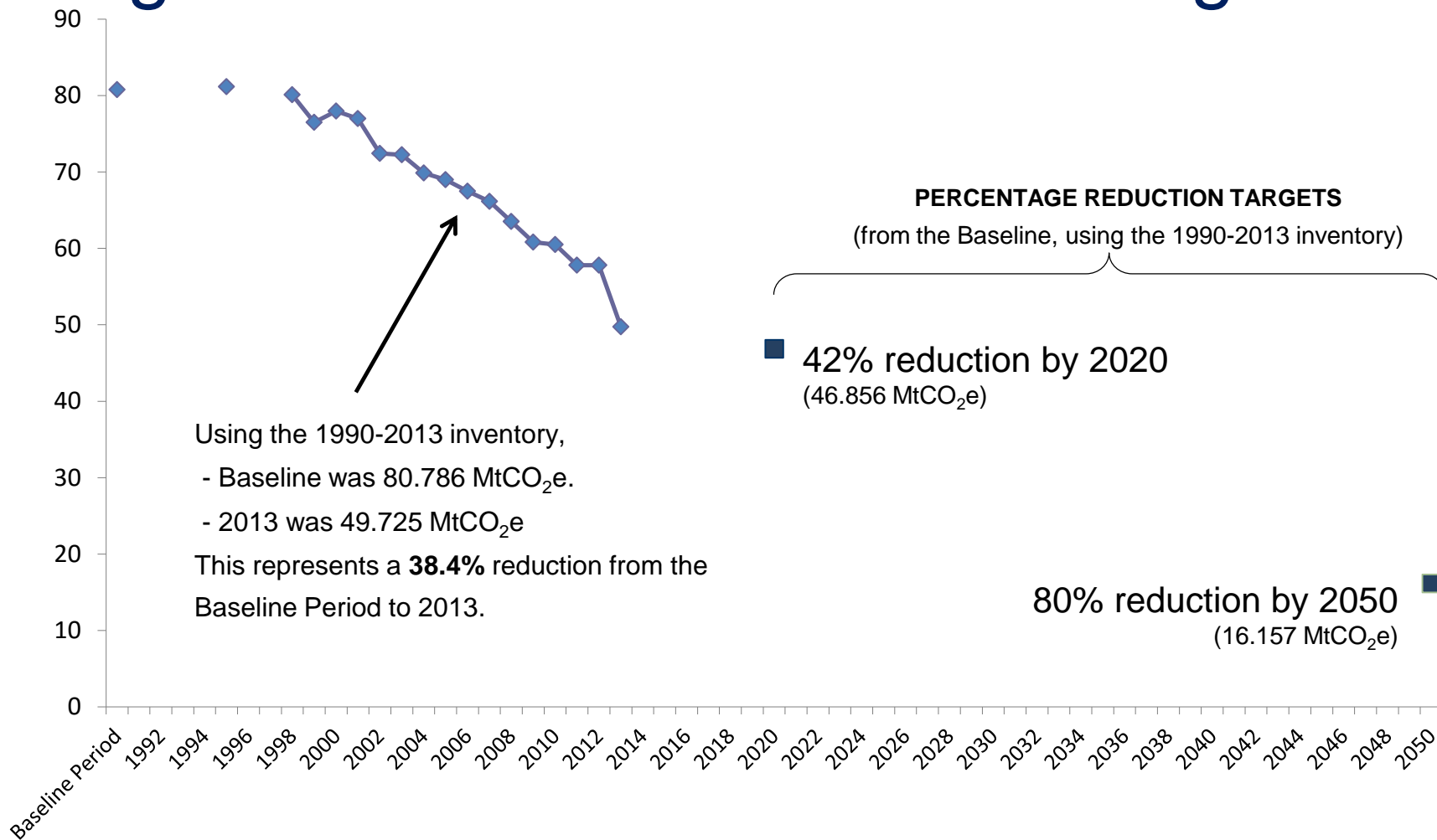
# The Scottish Government

- Some brief background
  - GHG emissions in Scotland
  - The Scottish TIMES model
- Scotland's 3<sup>rd</sup> report on Climate Change (RPP3).
- Engagement with policy officials and analysts
- The role of the 'Senior Suppliers Group'
- Next steps

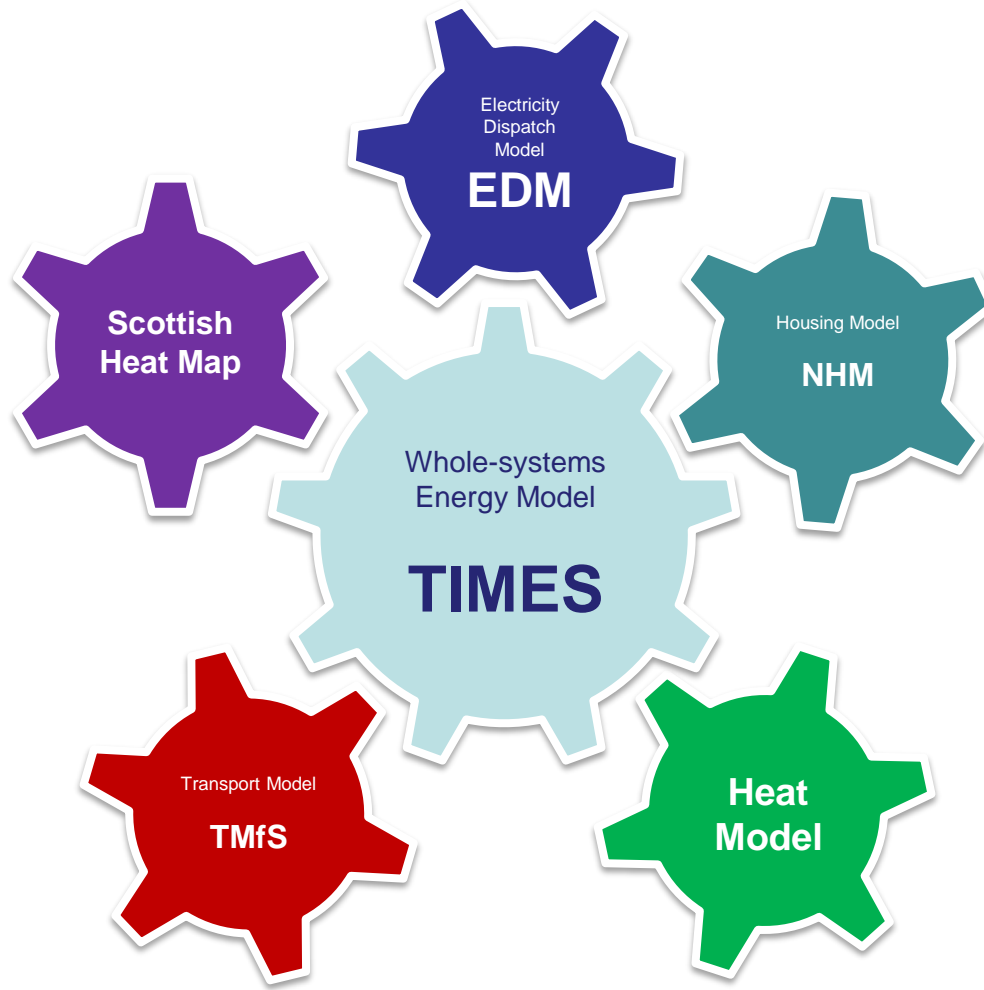
# Electricity Generation in Scotland 2014



# Scotland showing considerable progress against emissions reduction targets.



# Existing Models



# Scottish TIMES Development

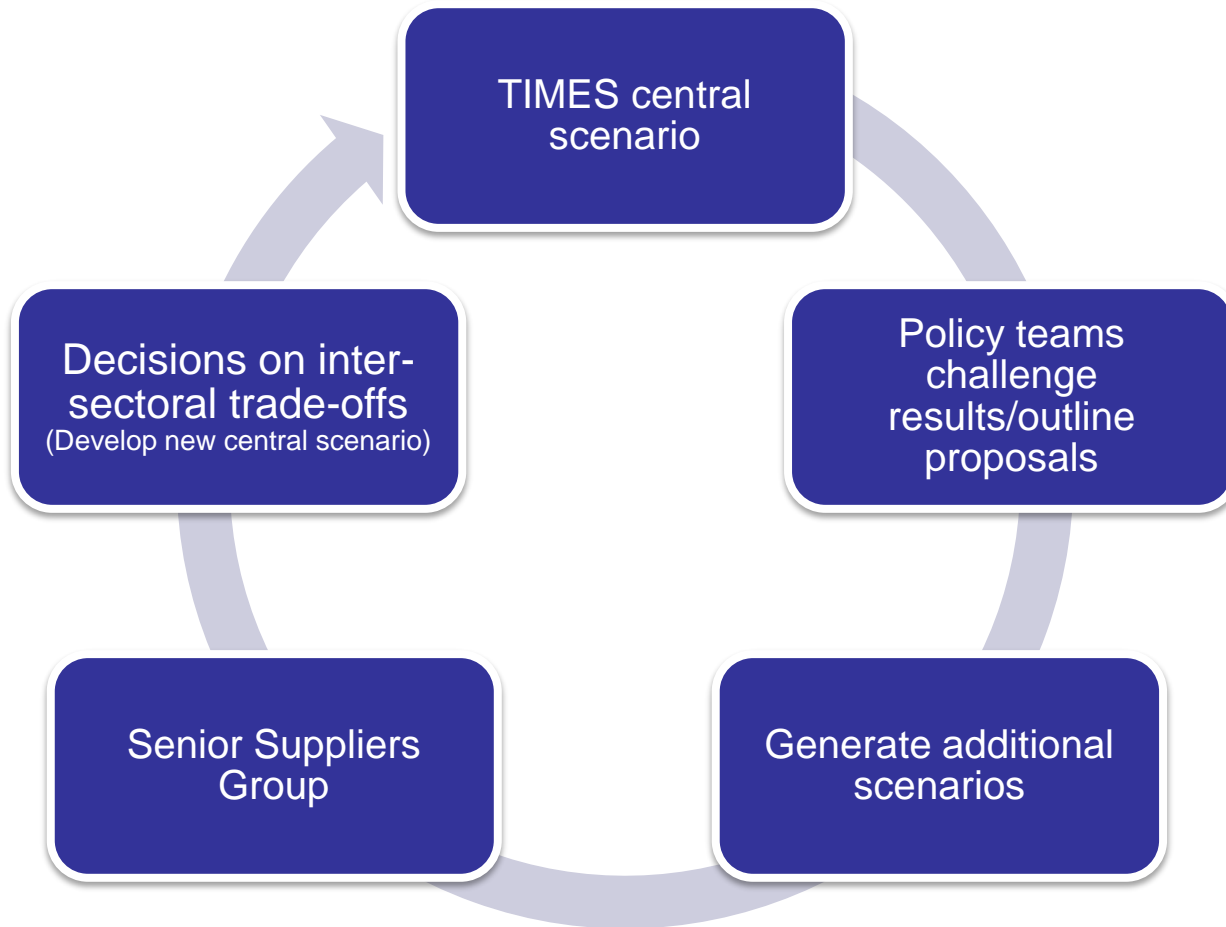
- Development began in May 2015
- International consortium of developers
- Largely consistent with UK TIMES
- First version of the model delivered Jan. 2016
- Numerous updates since initial delivery.



# Internal Engagement

- Analysts and policy officials in each directorate involved from the start
- Existing models considered for inclusion in Scottish TIMES
- All data used in Scottish TIMES verified by sectoral analysts
- Since initial model delivery, further rounds of verification and data-improvement.

# Policy development cycle





# Senior suppliers group

- All Directors on the group are part of the same organisation (Scottish Government); or a related organisation
- Committed to finding an optimal pathway to achieve Scotland's challenging climate change targets.
- Initial feedback from the first two meetings suggest:
  - Very impressed by the functionality and insight provided by the TIMES framework;
  - VEDAViz visuals are proving to be a very effective tool in conveying the complex messages emerging from TIMES

# Next steps

- Further rounds of the modelling/policy engagement cycle over the summer.
- Firm up policies in order to meet the required amount of GHG abatement.
- Public engagement on proposals and the outputs of TIMES (late Summer)
- Publish the 3<sup>rd</sup> report of proposals and policies in relation to climate change by end-2016

# The Scottish Government

Very happy to discuss further!

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