



POTSDAM INSTITUTE FOR
CLIMATE IMPACT RESEARCH

Projected Needs for CCS

Results from the ADAM Project

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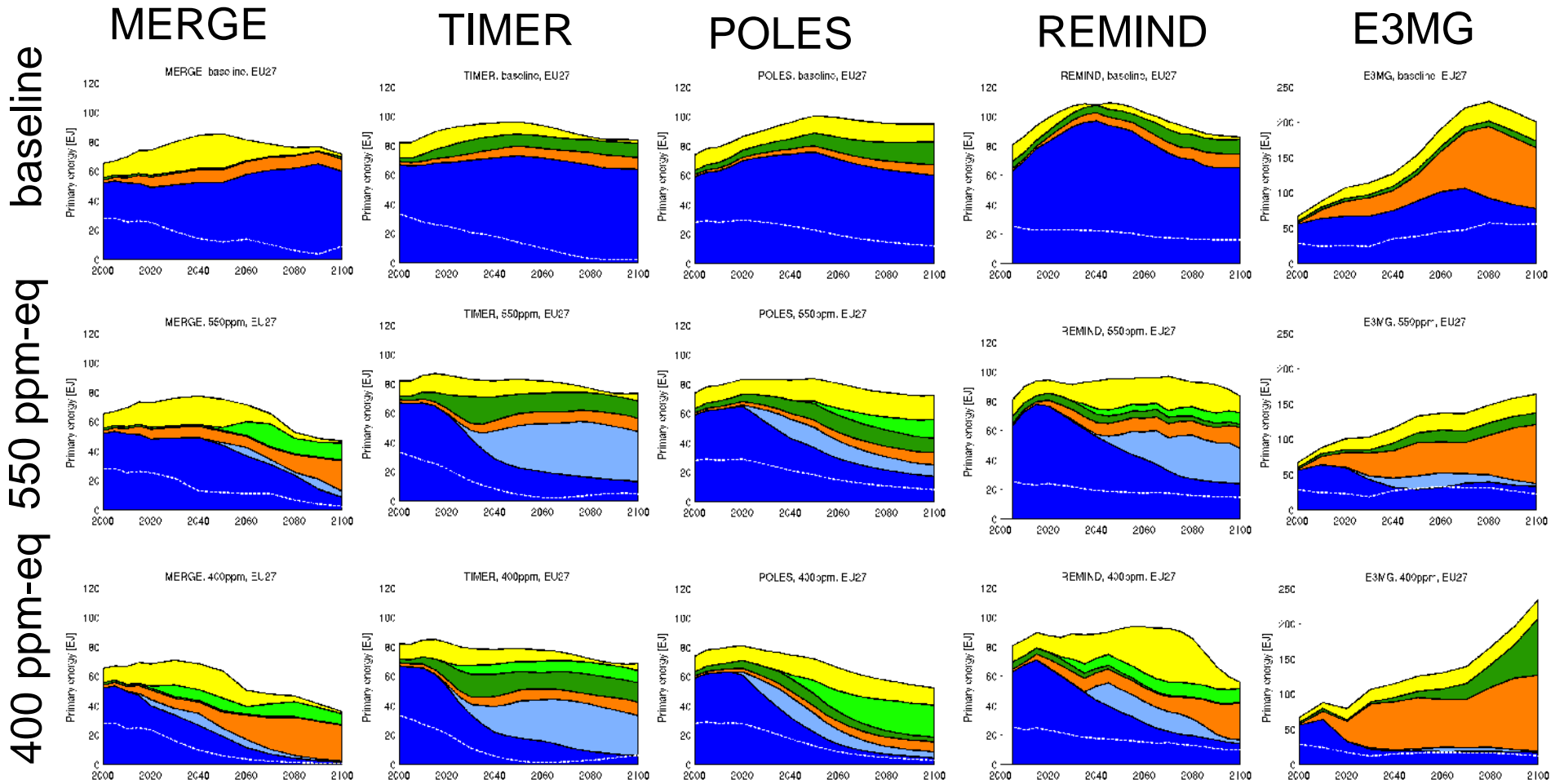
Introduction

- ADAM Project: EU FP7, completed
- Scenarios until 2100 with strong emission reductions for achieving 2°C target with:
 - high probability → 400ppm-eq
 - Low probability → 550ppm-eq
- WP on comparing global integrated assessment models
 - Feasibility
 - Costs
 - Technology knock-out (e.g. no nuclear, ...)
- Would CCS be used in the near-term given that it works?

EU27: Transformation of the energy system

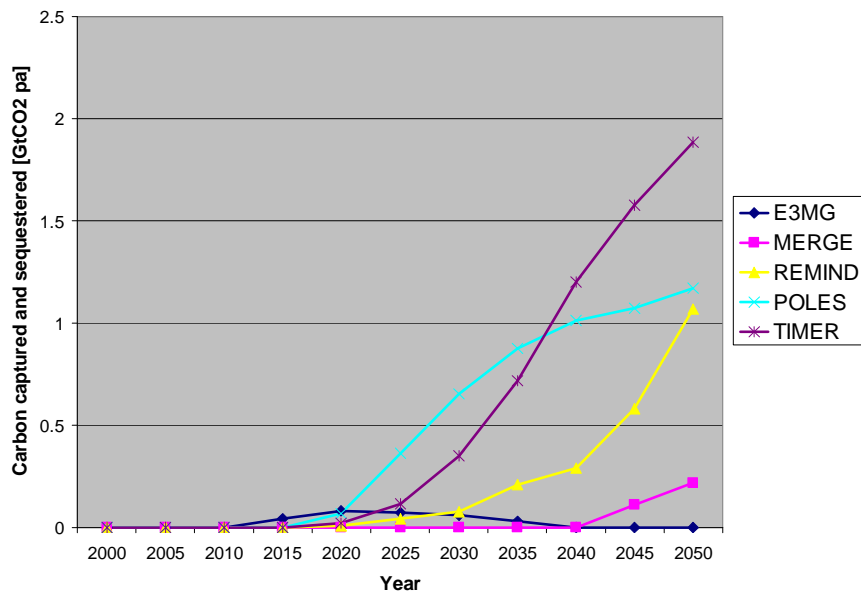


models \longrightarrow



EU27: Carbon Capture and Sequestration

550ppm-eq



400ppm-eq

