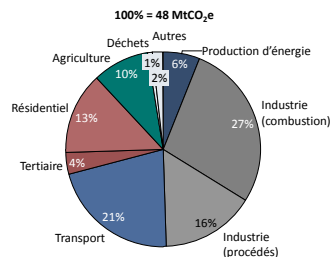


A stakeholders-based approach was used to develop low carbon scenarios (see <http://www.wbc2050.be> for detail)

1 “Bottom-up” study by sector of potential GHG reductions

Emissions de GES en Wallonie, 2008, %

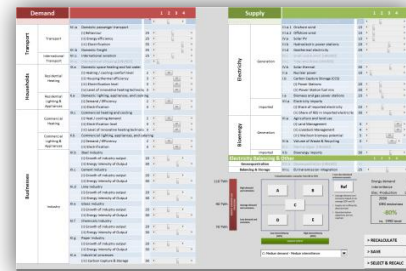


2 Test each sector with external experts

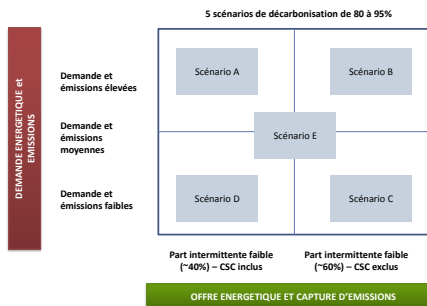
Workshops by sector with external experts

Discussions with international experts

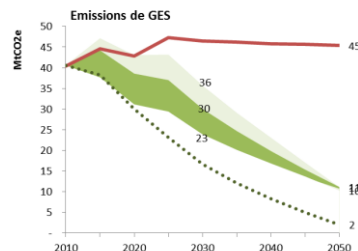
3 Adapt the DECC model to regional data and improve it



4 Define and model various scenarios



5 Detail the implications for these scenarios



6 Review conclusions with the Steering and Expert Committees

Walloon administration

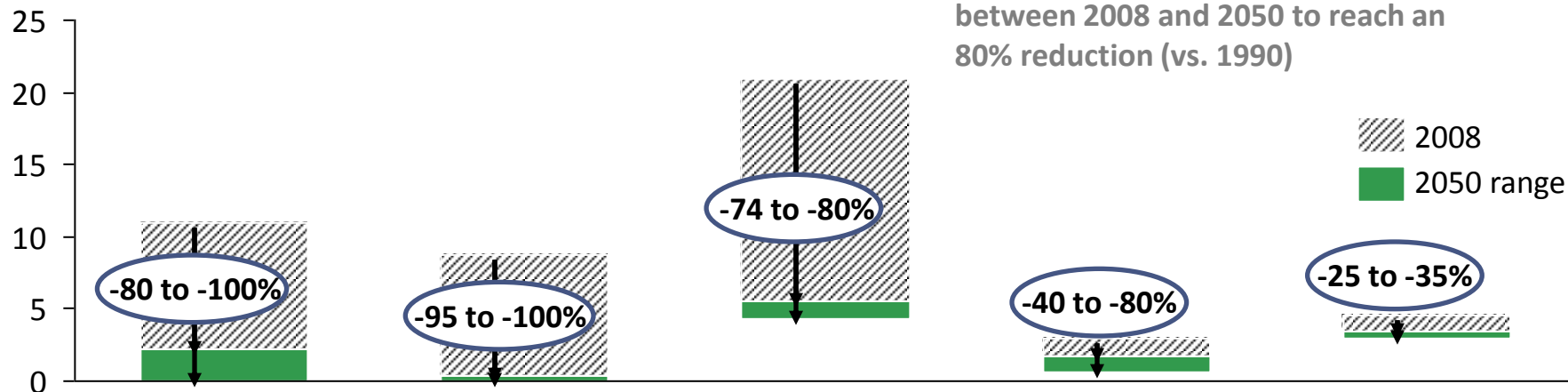
Industry

Civil organisations

Academics

It is technically possible to reach 80% GHG reduction in 2050

Emissions by sector in Wallonia, MtCO₂e per year



Required reduction ranges by sector between 2008 and 2050 to reach an 80% reduction (vs. 1990)

2008

2050 range

Transport



Sectors with large energy efficiency and electrification potential

Buildings



Industry



Energy efficiency potential, but CCS required to reach very large reductions

Energy production



Current 75% nuclear production replaced in all scenarios

Agriculture

Limited technological alternatives, behavior changes required