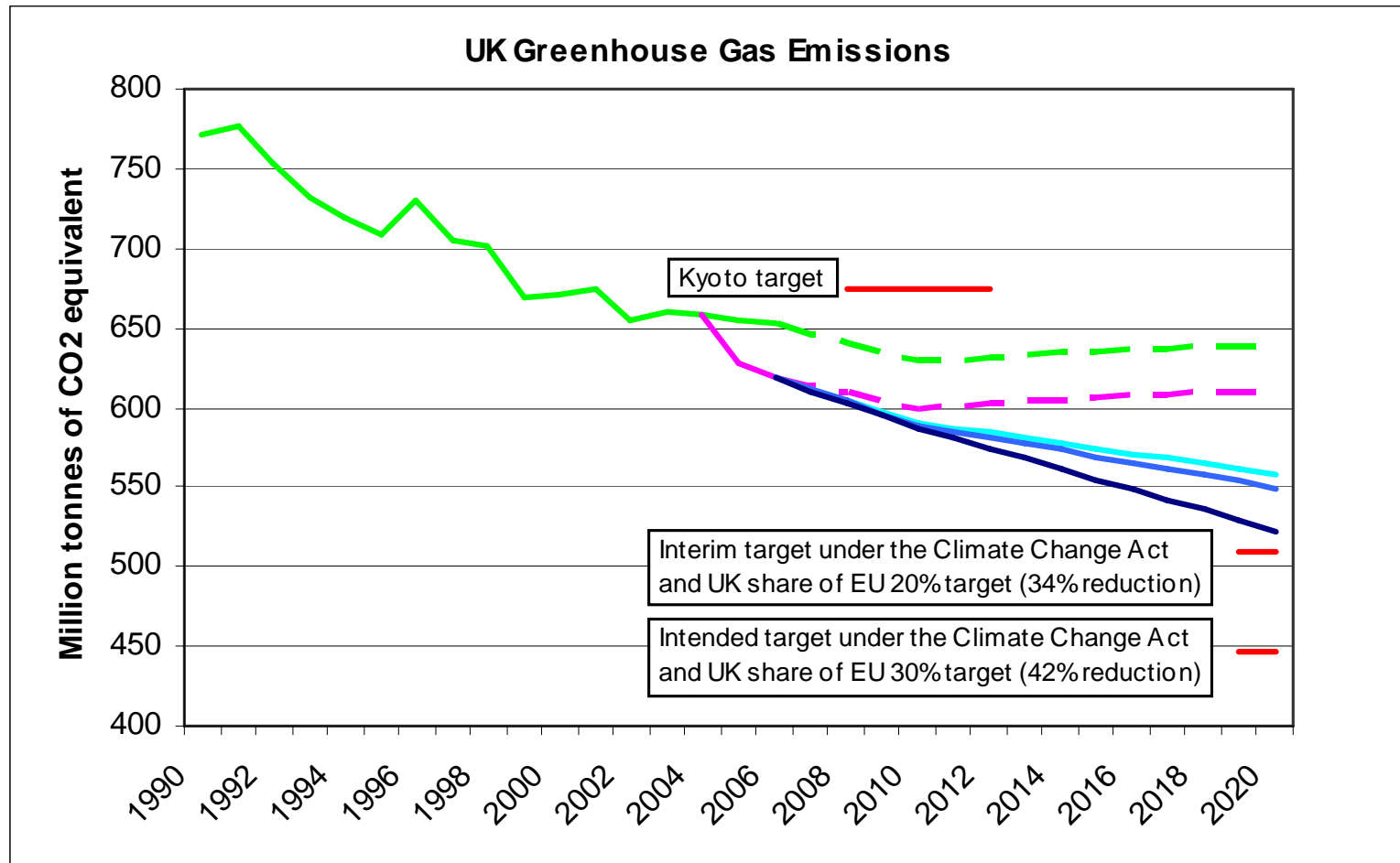


Towards a UK CCS roadmap

Sam Lumb, Climate Change Policy Manager

Green Alliance Seminar, 20th March 2009

UK reality check



Committee on Climate Change – on coal and CCS



- **“New conventional coal-fired power stations should only be built on the clear expectation that they will be retrofitted with CCS capability by the early 2020s.”**
- **“It is vital that planned demonstration projects of CCS technology go ahead as rapidly as possible, ideally on a larger scale and covering more variants of technology than currently planned, whether in the UK or wider EU contexts.”**

Environment Agency position



- **Carbon capture readiness is essential for new large scale fossil fuel combustion plant (coal and gas) but not enough**
- **All new coal fired power stations must demonstrate large scale carbon capture and storage**
- **Carbon capture and storage must be operational across the whole plant within a strict time limit**
- **Virtually all coal and gas plant will need to have been retrofitted or closed or put on standby only by 2030**

How do we get there?

- **Carbon Capture Readiness required for all new plant**
- **A clear timetable for introduction of an Emission Performance Standard or mandatory CCS**
- **Using Section 36 agreements / PPC and BAT or another mechanism**
- **Funding for demonstration projects and clear financing arrangements for full scale introduction**