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| REFERENCE | |
| Title: | Canada's CO2 Capture & Storage Technology Roadmap |
| Date: | 2006 |
| Author: | CANMET |
| Funded by: | UK Government |
| Hard copy reference: | |
| URL: | http://www.co2trm.gc.ca |
| Date accessed: | 21/03/2014 |
| Web Format: | pdf |
| IEA topics covered | CCS |
| Geographical focus: | Canada |
| Brief Abstract: | Provides an overview of the challenges and benefits of CCS deployment in the United Kingdom. |

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| OUTPUTS | |
| Short Report? | |
| Major report? | yes |
| Visualisations? | |
| Information held on dedicated software? | |
| - which package? | |

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| ARCHITECTURE | |
| Timescales used: | 2006 to 2030 |
| Trends and drivers? | yes |
| - list | Climate change; technology development; cost reduction; domestic skills supply chain; collaborative development; policy and frameworks |
| Enablers? | yes |
| - list | Develop set of policy and frameworks; use of the intellectual/expertise within Canada; coordination of CCS between provinces; develop pilot-scale projects to further aid cost reduction |
| Performance measures/targets? | No |
| - list areas | |
| Mapping of RD&D activities? | yes |
| Critical assessment of capabilities? | no |

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| PROCESS | |
| Methods used: | |

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| - Desk study? | Yes |
| - Consultation | Yes |
| - Interviews? | |
| - Facilitated workshop(s) | Yes |
| - Working groups/task force | Yes |
| - Integrated Process | Yes |
| Stakeholders engaged: | |
| - University based researchers | Yes |
| - Other public sector researchers | Yes |
| - Business – technology | Yes |
| - Business – other | Yes |
| - Government - energy | Yes |
| - Government – SET | |
| - Government - other | |
| - NGOs | |
| No of people engaged: | |
| Budget (if known): | |
| Commitment to re-visit? | yes |

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| ACTIONS IDENTIFIED | |
| List of actions? | No |
| Actions listed according to timescale? | |
| Actions prioritised? | No |
| Sequencing/dependencies identified? | No |
| Responsibility for actions identified? | No |
| Types of actions identified: | |
| - Basic research? | Yes |
| - list areas | Policy and framework; identification of research gaps; identification and categorisation of initiatives and activities |
| - Applied research? | Yes |
| - list areas | Post combustion contactors and mass transfer system; system integration and cycle development; continued geophysical research |
| - Development & demonstration | Yes |
| - list areas? | Modular test facilities; pilot-scale demonstrations |
| - Other types of action? | |
| - list other types | |

This Roadmap Characterisation was compiled by Samantha Quinn of the University of Edinburgh in April 2014

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