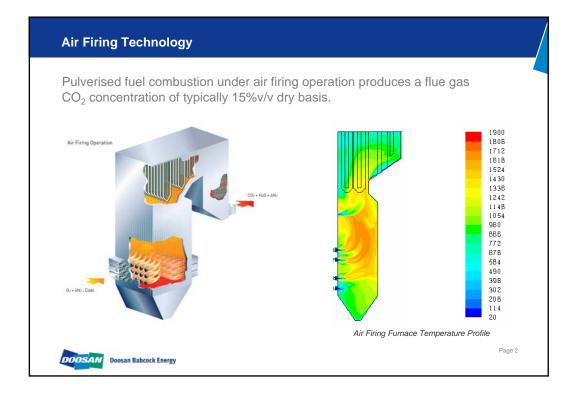
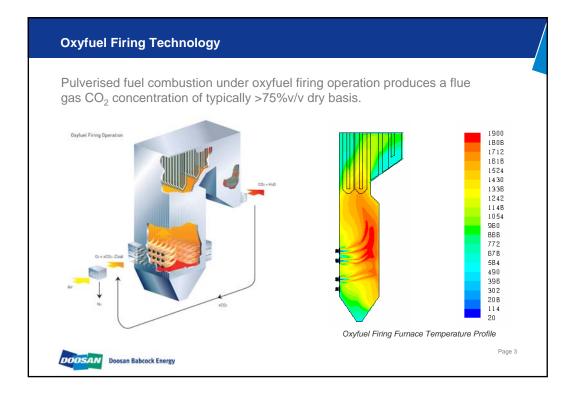
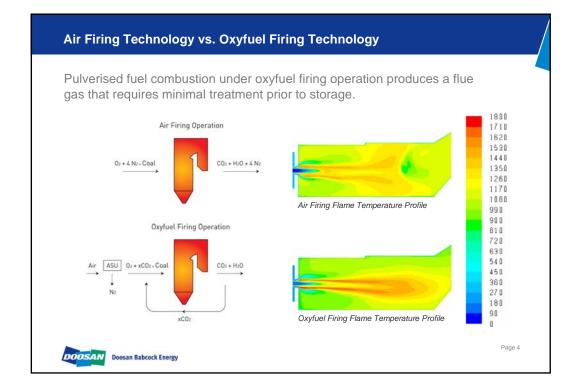


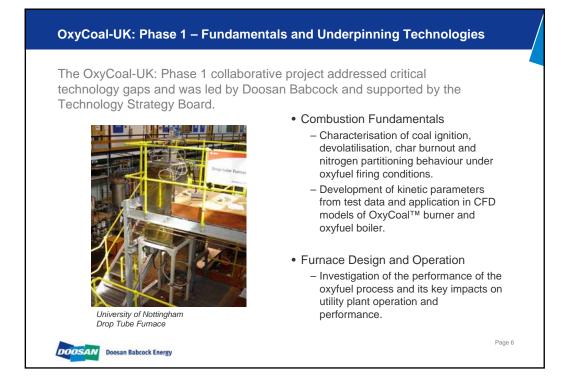
Contents	
 Air Firing Technology vs. Oxyfuel Firing Technology Doosan Babcock's Oxyfuel Combustion Technology Roadmap (Past & Present) OxyCoal-UK: Phase 1 – Fundamentals and Underpinning Technologies OxyCoal-UK: Phase 2 – Demonstration of an Oxyfuel Combustion System Optimised OxyCoal Combustion Impact of High Concentrations of SO₂ and SO₃ in Carbon Capture Applications and Mitigation Oxyfuel Combustion Technology Commercialisation Doosan Babcock's Oxyfuel Combustion Technology Roadmap (Present & Future) 	
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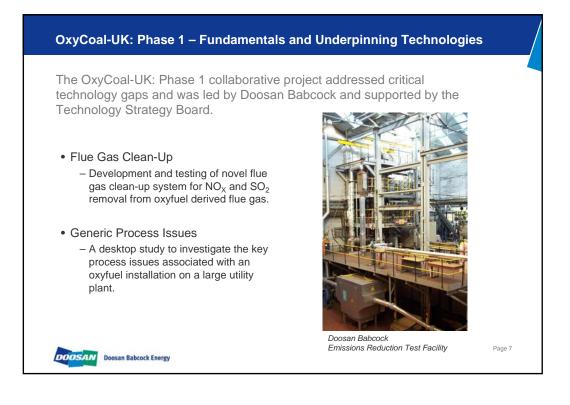


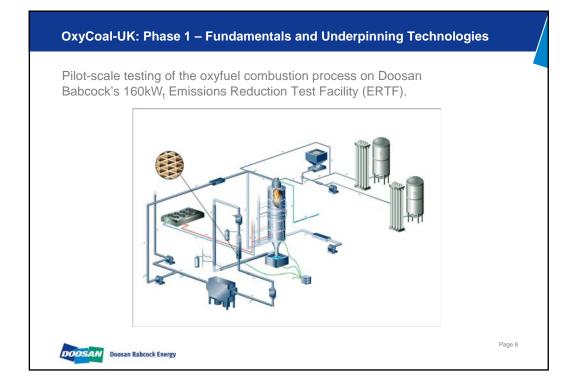


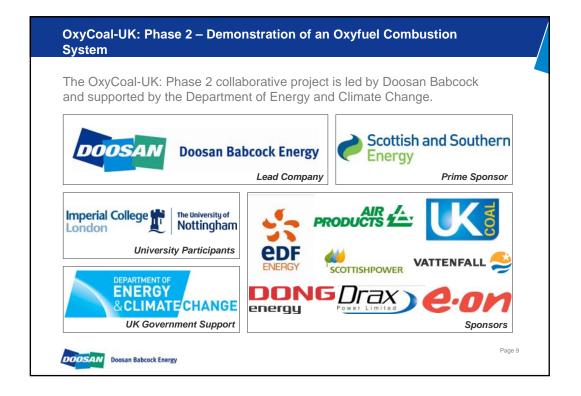


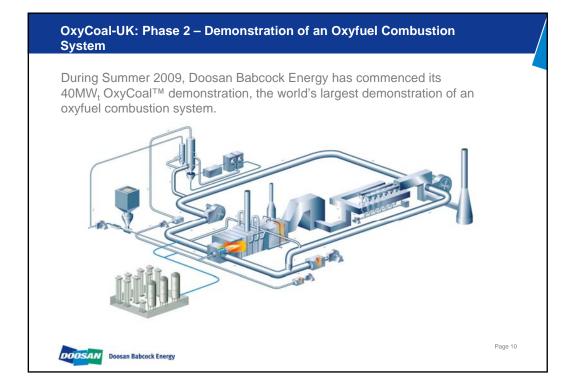
For over 15 years, we have been a leading player in the development of low carbon technology.							
1992 to 1995	2005 to 2008	2005 to 2008	2007 to 2009	2008 to 2010			
Pulverised Coal Combustion System for CO ₂ Capture	 Oxy Combustion Processes for CO₂ Capture from Power Plant Development and Experimental Validation of a Mathematical 	Ennancea	OxyCoal-UK: Phase 1 – Fundamentals and Underpinning Technologies	OxyCoal-UK: Phase 2 – Demonstration of an Oxyfuel Combustion System			
	Modelling Methodology for Oxy-Fuel Combustion for CO ₂ Capture in Large Power Plants	Market • Coal-Fired Advanced Supercritical Retrofit with CO ₂ Capture					

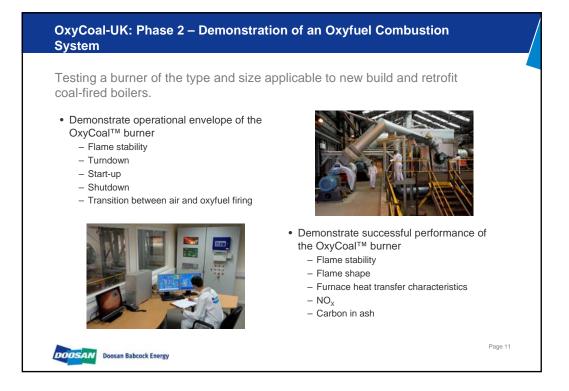


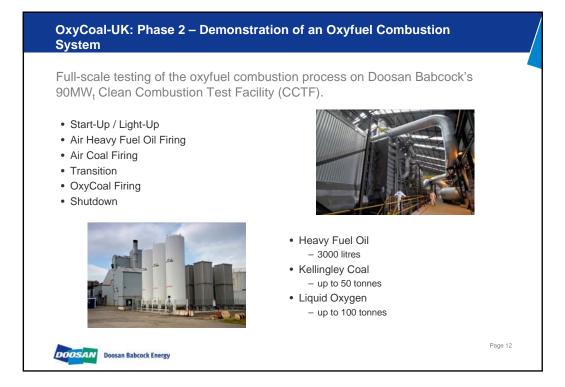


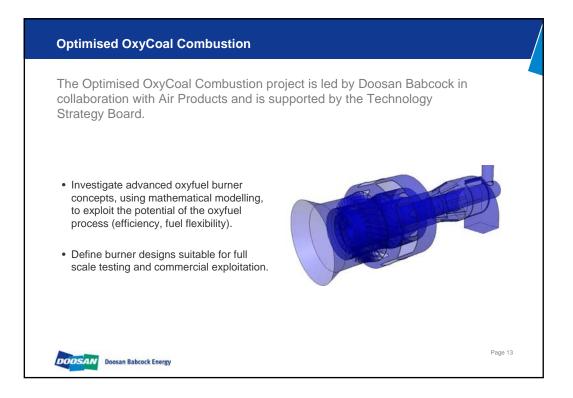


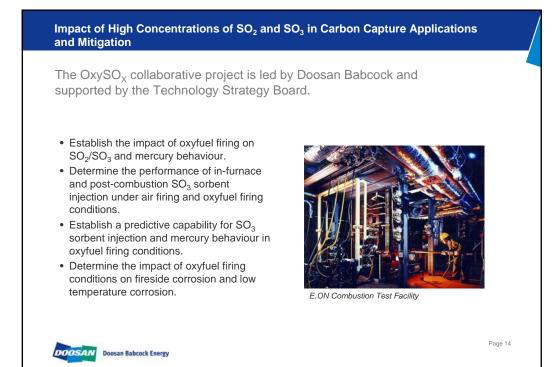












CI	Through our investment in R&D we continually look for innovative ways to create a low carbon future.								
	2008 to 2010		2008 to 2010		2009 to 2011		2009 to 2015		2020
•	OxyCoal-UK: Phase 2 – Demonstration of an Oxyfuel Combustion System		Optimisation of Oxyfuel PF Power Plant for Transient Behaviour Optimised OxyCoal Combustion	•	Impact of High Concentrations of SO_2 and SO_3 in Carbon Capture Applications and Mitigation		Front End Engineering Design Studies 100 to 250MW _e Oxyfuel Demonstration Power Plants		1000MW _o Oxyfuel Power Plant Commercialisation
1									

Concluding Remarks

Doosan Babcock is developing the capability to provide competitive oxyfuel firing technology suitable for full plant application post-2010.

- Doosan Babcock has established a dedicated Carbon Capture Business Group to commercialise Carbon Capture technologies.
- We are undertaking a front end engineering design (FEED) study for a utility client for a 100MW_e oxyfuel power plant.
- We aim to design, supply and construct an oxyfuel power plant of similar scale that will be operational by 2015, and a 1000MW_e oxyfuel power plant by 2020.



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Commercial Contact Details Doosan Babcock is committed to delivering unique and advanced carbon capture solutions. Mark Bryant Peter Holland-Lloyd Director Carbon Capture Business Development Manager Doosan Babcock Energy, Doosan Babcock Energy, Porterfield Road, Porterfield Road, RENFREW. RENFREW. PA4 8DJ PA4 8DJ T +44 (0)141 886 4141 T +44 (0)141 886 4141 D +44 (0)141 885 3572 D +44(0)141 885 E mbryant@doosanbabcock.com E pholland-lloyd@doosanbabcock.com

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