



Low-Carbon After-Life



## MEETING AGENDA

Alkane Energy

**Day 1: Wednesday September 09, 2015**

**Location: Caphouse Colliery, Wakefield**

<b>09:00</b>	<b>Welcome &amp; introduction</b>
10 min	Welcome address UOG/Alkane
10 min	Aims of the meeting –Grzegorz Gzyl (GIG)
<b>9:20</b>	<b>Work session 1 – Task 1.1 A new tool for heat transfer modelling in flooded mine workings</b>
20 min	<b>Task 1.1</b> - representative of UOVE - Calculation approach proposed by UOVE - Work progress within the task with relation to workplan as in the technical annex,
10 min	<b>Task 1.1</b> Coupling concept proposed by GIG – Grzegorz Gzyl (GIG)
50 min	<b>Task 1.1</b> Discussion & conclusion on further task progress involving UOVE, GIG and UGLW representatives (David Banks & Paul Younger)
10:40	Coffee
<b>11:00</b>	<b>Work session 2 – Tasks 1.2 &amp; 1.3</b>
20 min	<b>Task 1.2</b> Quantifying important mixing processes - Adrian Boyce/Neil Burnside (UGLW) - Brief introduction to field monitoring concept for sites in UK, Spain & Poland - Feedback from ongoing field monitoring in UK (lessons, problems solutions) - Work progress within the task with relation to workplan as in the technical annex
10 min	<b>Task 1.2</b> Feedback from ongoing field monitoring in Spain (lessons, problems solutions) - UOVE/UGLW
10 min	<b>Task 1.2</b> Feedback from ongoing field monitoring in Poland (lessons, problems solutions) - Grzegorz Gzyl (GIG)
25 min	<b>Task 1.2</b> Discussion & conclusion on further task progress moderated by Adrian Boyce (UGLW)
15 min	<b>Task 1.3</b> Demonstration of new tools on a system in development - Grzegorz Gzyl (GIG) - Task content – what we have promised? - Current work progress – relations to Tasks 1.1 & 1.2 and other tasks - Discussion & conclusion on further task progress
10 min	<b>Summary of WP1</b> Work progress with relation to workplan as in the technical annex Paul Younger/Neil Burnside (UGLW)
12:35	Lunch
<b>13:30</b>	<b>Work session 3-Museum tour and site visit</b>
70 min	Underground tour of the museum
50 min	Tour of the pilot plant and mine water treatment facilities
15:30	Tea
<b>15:50</b>	<b>Work session 4- WP2 &amp; WP3</b>
15 min	<b>Task 2.1</b> Preventative strategies for ochre clogging - Work progress within the task with relation to workplan as in the technical annex - Anup Athresh (Alkane)
15 min	<b>Task 2.2</b> Closed-loop strategies for oxidised, ochre-precipitating mine waters - Work progress within the task with relation to workplan as in the technical annex - David Banks (UGLW)
10 min	<b>Summary of WP2</b> Work progress with relation to workplan as in the technical annex representative of UOVE
15 min	<b>Task 3.4.</b> Ownership, management and financial models - Work progress within the task with relation to workplan as in the technical annex - Marcin Głodniok (GIG) - Task content – what we have promised? - Current work progress – relations to other tasks



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	- Discussion & conclusion on further task progress
15 min	<b>Task 3.3</b> Models for incorporating cooling into a delivery system - Work progress within the task with relation to workplan as in the technical annex - Paul Younger (UGLW) - Task content – what we have promised? - Current work progress – relations to other tasks - Discussion & conclusion on further task progress
<b>17:00</b>	<b>Close</b>
19:00	Dinner

**Day 2: Thursday September 10, 2015**

**Location: Pickup from Wakefield and travelling to Manvers and Markham**

<b>09:00</b>	<b>Work session 6 : Site visit</b>
09:45	Arrival at Manvers
10:15	Departure from Manvers to Markham
<b>11:00</b>	<b>Coffee break</b>
11:20	Arrival at Markham and pilot plant visit
<b>11:40</b>	<b>Work session 7 – WP3 &amp; WP4</b>
15 min	<b>Task 3.1</b> Technical, legal and management STEEP/ cost-benefit analysis of various types of decentralised heat pump system, versus centralised plant room system - Marcin Głodniok (GIG) - Task content – what we have promised? - Current work progress – relations to other tasks - Discussion & conclusion on further task progress
10 min	<b>Summary of WP3</b> Work progress with relation to workplan as in the technical annex Marcin Głodniok (GIG)
15 min	<b>Task 4.1</b> Pilot implementation at Markham site (UK) - Work progress within the task with relation to workplan as in the technical annex - Anup Athresh (Alkane)
15 min	<b>Task 4.2</b> Pilot implementation at pilot site in Asturias (ES) - Work progress within the task with relation to workplan as in the technical annex - Adrian Peña Fernandez (Hunosa)
<b>12:40</b>	Lunch
<b>13:40</b>	<b>Work session 8 –WP4 &amp; WP5</b>
15 min	<b>Task 4.3</b> Pilot implementation at pilot site in Bytom (PL) - Work progress within the task with relation to workplan as in the technical annex - Anna Hyria (Armada)
10 min	<b>Summary of WP4</b> Work progress with relation to workplan as in the technical annex Keith Parker (Alkane)
20 min	<b>WP5 Reporting</b> - discussion on first annual report feedback from the commission - Grzegorz Gzyl (GIG)
30 min	<b>WP5 Scientific dissemination</b> – discussion on progress of publishing process – Paul Younger (UGLW)
15 min	<b>WP5 Broad public dissemination</b> - Marcin Głodniok (GIG)
15:10	Tea
<b>15:30</b>	<b>Work session 9: WP 5 Conclusions and future works</b>
20 min	Wrap-up by WP leaders (5 minutes per WP)
25 min	Summary of overall project progress, future work to be done (deliverable table) - Grzegorz Gzyl (GIG)
15 min	Discussion - Grzegorz Gzyl (GIG)
10min	Conclusions & to do list – Grzegorz Gzyl (GIG)
<b>17:00</b>	<b>End of the meeting</b>
19:00	Dinner