



## LoCAL final conference agenda

1<sup>st</sup> June, Katowice, Central Mining Institute, Plac Gwarków 1, 40-166 Katowice

9:00	<i>Session 1: introduction</i>	
9:00-9:10	Welcome by Central Mining Institute representative	
9:10-9:20	Introduction to LoCAL project	<b>dr Grzegorz Gzyl</b> ; Central Mining Institute
9:20-9:40	An introduction to mine water heating	<b>David Banks</b> ; University of Glasgow
9:40	<i>Session 2: case studies</i>	
9:40-9:55	Case study: UK – experiences and perspectives	<b>Keith Parker MBE</b> ; Alkane Energy UK limited
9:55-10:10	Case study: Spain – experiences and perspectives	<b>Adrian Peña</b> ; Hulleras del Norte S.A
10:10-10:30	Case study: Poland – experiences and perspectives	<b>Anna Hyria</b> ; Armada Development S.A, <b>dr Ewa Janson</b> ; Central Mining Institute
10:30-10:45	Utilization of geothermal energy from mine water, on the example of solutions used in Mines Restructuring Company (SRK)	<b>Marek Tokarz</b> ; SRK S.A. Bytom
10:45-11:00	Discussion	
11:00-11:30	<i>Coffee break</i>	
11:30	<i>Session 3: economical aspects</i>	
11:30-11:40	Financial and legal models for mine water heat uptake projects	<b>dr Marcin Głodniok</b> ; Central Mining Institute
11:40-11:50	The Design of an Innovative Simulator for Extracting Energy from Flooded Coal Mines	<b>prof. Amin Al-Habaibeh</b> ; Nottingham Trent University
11:50-12:20	Workshop on LoCAL toolbox	<b>Łukasz Siodlak, dr Paweł Zawartka</b> ; Central Mining Institute
12:20-12:40	Using mine water for cooling	<b>David Banks</b> ; University of Glasgow
12:40-12:50	The Pathway to Market for Extracting Energy from Flooded Coal Mines- Challenges and Opportunities	<b>prof. Amin Al-Habaibeh</b> ; Nottingham Trent University
12:50-13:10	Discussion	
13:10-14:30	<i>Lunch</i>	
14:30	<i>Session 4: technical aspects</i>	
14:30-14:50	Long term stable isotope systematics of pumped abandoned coal mine waters in UK, Poland and Spain	<b>prof. Adrian Boyce</b> ; University of Glasgow
14:50-15:20	Tools to unravel the thermo-dynamics of mine water for geothermal use	<b>Covadonga Loreda</b> ; Universidad De Oviedo
15:20-15:40	Challenges coming from mine water chemistry and how to overcome them	<b>dr Neil Burnside</b> ; University of Glasgow
15:40-16:00	Discussion	
16:00	<i>Closure of the conference</i>	