

DD-MET

Advanced methane drainage strategy employing underground directional drilling technology for major risk prevention and greenhouse gases emission mitigation

Project meeting Minutes

KWK “Murcki-Staszic”, 28th of January 2020 – start time: 9:30 till 12:30 hour CET

Location: **KWK “Murcki-Staszic”**
 Karolinki 1, 40-467 Katowice, Poland (level 1, conference room)

Meeting Objectives:

- Show project progress
- Discuss further needs and expectation
- Inform about the next project meeting

	Item	Action
0	Opening	by Grzegorz Leśniak
1	Short presentation of project progress	by Grzegorz Leśniak Information about undertaken actions: <ul style="list-style-type: none"> • WP1: <ul style="list-style-type: none"> - Information about the organization of the Kick-Off Meeting, transfer of prefinancing to Partner’s bank accounts, submission of the first report – State of the Art to RFCS, • WP2: <ul style="list-style-type: none"> - Characterization of the working area (characterization of 501 coal seam in the C lot, its location, depth, thickness, inclination, methane content, location of pilot long reach directional boreholes (LRDD)), - Information about collected data was shared with Partners (assessment of geological and mining conditions, methane hazard in the area, determination of the forecasted level of methane emissions during operation, presentation of the first petrophysical results – porosity, permeability), - Information about missing data was shared with Partners - A lack of sample material for laboratory tests was highlighted. PGG has committed

		<p>itself to provide necessary sample material in February</p> <ul style="list-style-type: none"> • WP3: <ul style="list-style-type: none"> - information about collected data (well profiles with location, geological profiles, maps of the roof and floor layers, map with mine organization, and basic maps). PGG committed itself to share the data from MicroStation (Bentley Systems) • WP4: <ul style="list-style-type: none"> - the results from first pilot LRDD boreholes was presented (location, degassing efficiency) - PGG was asked to prepare a list of need for further drilling actions
2	Discussion	<p>All Partners (INIG-PIB, GIG-PIB, PGG)</p> <ul style="list-style-type: none"> • The decision was made to stay in the C lot and to prepare the technology for more extended boreholes with an application of drilling mud. Simulations should account for both types of drillings perpendicular and parallel to the wall face. • Problems with ZCO sensors was highlighted (decision to temporary remove sensors due to the occurrence of methane outburst hazard) • PGG was asked to prepare a list of needs (equipment) for performing further drilling actions • Possibility for new sample collection was discussed
3	Information about next project meeting	<p>by Grzegorz Leśniak Next project meeting was set at the Oil and Gas Institute, Krakow on February 25th, at 3-6 pm, conference room 2</p>
5	Closure	