

WORKSHOPS June, 14th 2016 r. (Tuesday)

11.00-12.00	Registration
12.00-15.00	<p>Planning of the trenchless construction project</p> <p>The technology of horizontal directional drilling (HDD) – Robert Osikowicz, ROE Issues: planning of drilling operations in terms of design requirements; selection of equipment, tools and components; drilling operations; closed drilling fluid circulation system; the character of plastic and steel tubing; schedule of works; cost estimation; borehole quality estimation; introduction to risk management in drilling projects.</p> <p>Horizontal directional drilling (HDD) design in gas transmission pipelines projects. Requirements regarding the form and scope of the investment – Katarzyna Ostrowska, ILF Consulting Engineers Polska sp. z o.o. Designing horizontal directional drilling operations in transfer gas pipeline projects. Requirements relating to the form and scope of a project. The subject of the presentation will be the following stages of developing design documentation for HDD drilling operations, as well as recommendations of the project. Formal requirements for the design documentation at the building permit application stage will be presented.</p> <p>Is geotechnical research necessary condition in the context of the HDD horizontal directional drilling? – dr inż. Jerzy Sobkowiak, Tomasz Sobkowiak – GEOMENOS Jerzy Sobkowiak, Tomasz Sobkowiak sp.j. The workshops will concern issues related to the analysis of the grounds made of land, which means the grounds that are not rocks. Will be discussed soil properties that determine the execution of works using HDD technologies. At the end will be prepared geotechnical proposals related to the HDD specifics.</p>
15.00-16.00	Lunch break
16.00-18.30	<p>Selected design aspects of using PE tubes in HDD techniques – Andrzej Roszkowski, ARC Speech will include, among others, issues such as: – forces acting on a tube while being pulled, – tube resistance to buckling (loss of stability), – tube resistance to slow crack growth (SCG) vs. service life, – types of PE tubes for HDD.</p> <p>Borehole trajectory planning principles – Mirosław Makuch, HDD Serwis</p> <ol style="list-style-type: none"> 1. Basics of HDD crossing planning. <ul style="list-style-type: none"> – basic crossing parameters, – basic data for cost calculation. 2. Basic dimensions of straight line drilling profile. 3. Basic formulas for calculations. 4. Sample working profile of a large-diameter drilling and analysing its parameters.
18.30-23.00	Dinner / grill (for participants of workshops and conference)



9.00–9.15	<p>OPENING CEREMONY – Paweł Kośmider, President of the Board of Wydawnictwo INŻYNIERIA sp. z o.o.; Ryszard Langer, President of the Board, Chief Executive Officer of Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A); prof. dr hab. inż. Cezary Madryas, Wrocław University of Technology</p>		
9.15–10.30	<p>PLENARY SESSION: Status of the trenchless technology industry and the future – Bernard P. Krzys, Benjamin Media, Inc. The public procurement law amendment – practical aspects of the of the act with reference to contractors and investors – Wioletta Kubica, Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A) Possibilities of tasks financing with the support of the WFOŚiGW – Robert Bażela, Józef Kała, WFOŚiGW Kraków New infrastructure investments perspectives in the sector of water supply and sewage systems in 2016-2020 – dr inż. Tadeusz Rzepecki, Tarnowskie Wodociągi sp. z o.o.</p>		
10.30–11.30	<p>DISCUSSION PANEL The possibility of obtaining EU funds and other options for financing the investment in the new EU perspective – Piotr Ziętara, Vice President of the Board, Managing Director of Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A) Participants: – dr inż. Tadeusz Rzepecki – President of the Board of Tarnowskie Wodociągi sp. z o.o. – Robert Bażela – Team Manager of Technical Analysis in WFOŚiGW Kraków – Artur Chrostowski – Deputy Director, Head of Development Division – Municipal Water Supply and Sewerage Company in Warsaw S.A.</p>		
11.30–12.00	<p>TECHNOLOGY SHOWS UV-CIPP lateral hat profile installation – BLEJKAN S.A. Show the functionality and technical capability of the innovation CAPPELOTTO vacuum suction wheel loader – Inter Global sp. z o.o.</p>		
12.00–12.30	<p>Coffee break</p>		
12.30–14.35	<p>TECHNICAL SESSION 1, ROOM 1 (TRENCHLESS CONSTRUCTION) Creation and maintenance of the horizontal directional drilling borehole – dr Henk M.G. Kruse, Deltares Trenchless technologies used in large diameter gas pipelines construction – Dymitr Petrow-Ganew, Herrenknecht AG Why concrete? – Tomasz Poloczek, HABA-Beton Johann Bartlechner sp. z o.o. Technical parameters of vitrified clay pipes for jacking pipe according to PN-EN 295-7 standard – Krzysztof Kaczmarek, Naylor Polska Construction of a network using heating cable (flexwell type) under the channel of the river Motława in Gdansk – Arkadiusz Szyszko, Hoster sp. z o.o. Construction of the largest collector in Poland using microtunnelling technology – Krzysztof Michalczuk, Inżynieria Rzeszów SA</p>	12.30–14.35	<p>TECHNICAL SESSION 1, ROOM 2 (TRENCHLESS RENOVATION) Water and sewage networks – the guidelines of selection trenchless rehabilitation methods – dr inż. Tadeusz Żaba, Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A) The right bank Vistula river sewer in Krakow – construction and development – dr hab. inż. Jadwiga Królikowska, prof. PK, Krakow University of Technology The costs analysis of water supply network construction using the traditional and trenchless methods – dr inż. Florian G. Piechurski, Silesian University of Technology The possibility of increasing loads over the underground pipelines constructed long ago – dr inż. Andrzej Kolonko, Wrocław University of Technology Renovation of large profiles - system solution – Otakar Cigler, RELINEEUROPE The use of fused basalt elements in the water and sewage network based on selected building sites in Poland – Wojciech Kozłowski, Eutit Polska 3M™ Scotchkote™ 2400 technology using in water pipeline renovation – Marcin Łukasik, 3M Poland sp. z o.o.</p>



14.35–15.00	TECHNOLOGY SHOW Application of 3M™ Scotchkote™ 2400 technology – <i>Terlan sp. z o.o.</i>		
15.00–16.00	Lunch break		
16.00–18.00	<p>TECHNICAL SESSION 2, ROOM 1 (TRENCHLESS CONSTRUCTION)</p> <p>10 most important problems arising in drilling fluid application in HDD technology – <i>Robert Osikowicz, ROE</i></p> <p>Drilling mud circulation in HDD wells problems – reasons, consequences and ways of liquidation – <i>Krzysztof Czudec, HEADS sp. z o.o.</i></p> <p>5S – lean management in the context of drilling fluids – <i>Krzysztof Gąszcz, CETCO - POLAND, CETCO Sp. z o.o. S.K.A</i></p> <p>Closed-loop drilling mud system in compact machines – <i>Ireneusz Sas, JL Maskiner w Polsce sp. z o.o</i></p> <p>The most interesting Polish drilling mud technology applications – <i>Rafał Leśniak, HEADS sp. z o.o.</i></p> <p>An overview of guidance and tooling considerations for clay and hard rock crossings – <i>Dan Billig, Prime Horizontal Ltd.</i></p>	16.00–17.45	<p>TECHNICAL SESSION 2, ROOM 2 (TRENCHLESS RENOVATION)</p> <p>Tightness testing of water and sewage networks – <i>Michał Andrzejewski, Gamm-Bud sp. z o.o.</i></p> <p>Method to replace existing sewage pipes without any excavation – <i>Soren Ulrich Nielsen CEO, Scandinavian No-Dig Centre</i></p> <p>Rehabilitacja kanałów ściekowych w Los Angeles metodą montażu segmentów rurowych w warunkach ciągłej eksploatacji – <i>Robert Walczak, Amiantit Poland sp. z o.o.</i></p> <p>Trenchless technologies in the aspect of „green” tenders – <i>Paweł Torbus, Steinzeug Keramo</i></p> <p>The innovative system of pipeline rehabilitation using the fully automated „crawler” method – <i>dr inż. Tomasz Pawlak, Coatreno sp. z o.o.</i></p> <p>Comparative assessment of resistance of concrete to aggressive environments – <i>Danuta Bebtacz, Instytut Badawczy Dróg i Mostów; Robert Walkowiak, Chryso Polska sp. z o.o.; dr inż. Leszek Wysocki, Wrocław University of Technology</i></p> <p>Trenchless technologies and rainwater retention – <i>prof. dr hab. inż. Cezary Madryas; Beata Nienartowicz, Wrocław University of Technology</i></p>
18.00–18.10	Why should we use marketing? – <i>Tomasz Lucek, Wydawnictwo INŻYNIERIA sp. z o.o.</i>		
18.10–18.20	Competitions’ settling		
20.30	TYTAN 2016 AWARDS CEREMONY		

<p>10.00–11.15</p>	<p>DISCUSSION PANEL Whether we should design the trenchless renovation of sanitary and rainwater sewers? Legal and technical aspects – <i>Tomasz Paweł Latawiec, SIDiR, Independent Engineer Consultant, Expert and Conciliator FIDIC, Arbitrator recommended by SIDiR</i> Participants: – <i>Wioletta Kubica – Deputy Director of purchasing of Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A); representative of the Board for the procurement</i> – <i>Michał Skorupski – KPMG, Director of the Advisory Team for Public Administration and Infrastructure</i> – <i>Stanisław Szczekarewicz – President of the Board GSG Industria sp. z o.o.</i></p>		
<p>11.30–11.15</p>	<p>Coffee break</p>		
<p>12.00–14.00</p>	<p>TECHNICAL SESSION 3, ROOM 1 (TRENCHLESS CONSTRUCTION) Horizontal directional drilling in difficult ground conditions with machine GrundoDRILL 18ACS – <i>Andrzej Wieszołek, Tracto-Technik</i> E-Drive maxi-rig by Normag – <i>Raymond Petiet, Normag bv.</i> The latest solutions of the hybrid platforms In site for the information exchange between drillers, work managers, designers and investors – <i>Ireneusz Gajdzik, Biuro Handlowe RUDA sp. z o.o. sp.k.</i> Falcon – the state-of-the-art technology of underground infrastructure locating – <i>Piotr Grabowski, Digital Control Incorporated</i> Geological and geotechnical analysis in the context of drilling failure – <i>Jacek Jaworski, HEADS sp. z o.o.</i> Gyrotrack – mapping underground infrastructure – <i>Dan Billig, Prime Horizontal Ltd.</i> Evolution in HDD tooling – <i>Roberto Mastrello, Colli Equipment</i> Trenchless technologies: guidelines of the Gaz-System S.A. to work out project documentation with particular emphasis on technological part – <i>Małgorzata Bułaś, Roland Kośka, Gaz-System S.A.</i></p>	<p>12.00–14.00</p>	<p>TECHNICAL SESSION 3, ROOM 2 (TRENCHLESS RENOVATION) Stability analysis of composite pipe-close-fit lining in accordance with the guidelines DWA-A 143-2 – <i>dr inż. Tomasz Abel, Wrocław University of Technology</i> High pipes quality guarantee the effective renovation. PE pipes and modules in rehabilitation – <i>Paweł Birecki, Uponor Infra sp. z o.o.</i> The issue of assessing the technical parameters of resin renovation liners, molded and cured in place – <i>dr inż. Dariusz Zwierzchowski, Centrum Badań i Certyfikacji sp. z o.o., dr inż. Przemysław Świercz, Kielce University of Technology</i> Trenchless methods for water and sewage system rehabilitation on the example of the city Krakow – <i>Tadeusz Bochnia, Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A)</i> What they are for and how much are worth survival functions of pipelines – assumptions of “proactive strategy” for sewer rehabilitation – <i>dr inż. Bogdan Przybyła, Wrocław University of Technology</i></p>
<p>14.00–15.10</p>	<p>DISCUSSION PANEL The role of technical standards in the investment process – <i>Robert Osikowicz, ROE</i> Participants: – <i>Roland Kośka – Head of Preparation and Monitoring, Investment Division, GAZ-SYSTEM S.A.</i> – <i>Michał Miziewicz – Project Manager, Construction Manager, ZRUG sp. z o.o.</i> – <i>Tomasz Siarczyński – President of the Board, Hoster sp. z o.o.</i> – <i>Krzysztof Gąszcz, Drilling Technologies Adviser – CETCO - POLAND, CETCO Sp. z o.o. S.K.A.</i></p>		
<p>15.10</p>	<p>CLOSING OF THE CONFERENCE AND COMPETITIONS' SETTLING</p>		
<p>15.20–16.20</p>	<p>Lunch break</p>		
<p>16.20</p>	<p>A trip to the Museum of Municipal Engineering in Krakow (departure by bus from the parking)</p>		