

UNION OF CHAMBER OF TURKISH ENGINEERS AND ARCHITECTS

#### CHAMBER OF MINING ENGINEERS

26th International Mining Congress and Exhibition of Turkey April 16-19, 2019 Belek/Antalya www.imcet.org.tr





# **DMT-IMCET WORKSHOP**

- How to conduct Due Diligence Studies?
- Market requirements in reporting resources and reserves: The "ins and outs" of the JORC Code
- Engineering roles and services in mining projects and what to look for in such services:
  - Owners' Engineer Role
  - Contracting for Procurement of Services
  - Lenders' Engineer Role

# **16<sup>th</sup> April 2019**

### Dr HAKAN ARDEN

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### Basic Value Added Chain within the Mining Industry

and Selected Services of DMT

#### 8. Closure & Abandoned Mines

- Rehabilitation and Reclamation
- Water & Gas Management
- Mine Map Archives
- Investigation of Hazards
- Safeguarding Concepts
- Surveying and Monitoring

#### 1. Evaluation of Deposit Data

- Target Definition
- Desktop Studies
- Geological Exploration



#### 2. Investment Studies

- Due Diligence
- Reserve Statement
- Geological Exploration

#### 7. Refining, Preparation

- Raw Material Investigation
- Beneficiation Engineering, Procurement & Commissioning

## 3. Deposit Model

- Geophysical Exploration
- Detailed Mapping
- Geological Modelling

#### 6. Mine Development & Exploitation

- Project Management Services
- Extraction Engineering
- Operations Improvement
- Survey and Monitoring
- Geological & Geophysical

#### 5. Mine Planning

- Design Studies
- Geotechnical Studies
- Process Visualisation

#### 4. Greenfield Development **Permission Process**

- Supervision & Legal Advice
- Environmental and Social Impact Assessment



### DMT-IMCET TECHNICAL WORKSHOP

- **Due Diligence Studies**
- **Resource & Reserve Reporting**
- **Engineering Roles in Mining Studies**

Start	Finish	Time	Theme	Presenter
08:45:00	09:00:00	15min	Registration and Welcome	Prof Dr Hakan Benzer
09:00:00	09:20:00	20min	How to conduct Due Diligence studies	
09:20:00	09:30:00	10min	Practice	Dr Hakan Arden
09:30:00	10:30:00	60min	Market requirements in reporting resources and reserves: The "ins and outs" of the JORC Code	
10:30:00	10:45:00	15min	Practice	
10:45:00	11:00:00	15min	Tea & Coffee Break	
11:00:00	11:30:00	30min	Engineering roles and services in mining projects and what to look for in such services:  Owners' Engineer Role	De Halan Andar
11:30:00	12:00:00	30min	Engineering roles and services in mining projects and what to look for in such services:  Contracting for Procurement of Services	Dr Hakan Arden
12:00:00	12:45:00	45min	Lunch	
12:45:00	13:15:00	30min	Engineering roles and services in mining projects and what to look for in such services:  Lenders' Engineer Role	Dr Hakan Arden
13:15:00	13:40:00	25min	Practice and the end of Workshop	

#### About DMT

DMT Consulting Ltd (UK) is a leading international mining consultancy. The company is part of DMT's consulting group which consists of seven operating companies, strategically located around the globe. The group has a long history of assisting the mining industry worldwide.

DMT provides a broad spectrum of multi-disciplinary consulting and engineering services for mining projects at all stages of development. This extends from exploration, resource and reserve evaluation through scoping, prefeasibility and feasibility studies, financing, permitting, construction and throughout the mine's operating life to eventual closure and rehabilitation.

The Group also specialises in providing independent technical assessments, including due diligence, review/audit, risk assessment and quality assurance. These services include providing technical assurance to lenders and investors; support for IPO and stock exchange listings, takeovers, mergers and divestments, and acting as expert witnesses for legal proceedings. In addition, DMT undertakes optimisation studies, training, project management and construction supervision including acting as Owner's or Independent Lender's Engineer.

Our Clients include mining companies of all sizes, banks and other financial institutions, exploration and development companies, law firms, government bodies, aid agencies and investors.

DMT's experience covers virtually the entire spectrum of mined commodities and, through its network of offices, DMT staff have gained experience in working all over the world.

DMT is a subsidiary of TÜV Nord.

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We also have offices in Peru (+51 990 099 022) and UAE (+971 5021 09688) as well as a partnership with a consulting company in Mongolia and representatives in several countries, including Bangladesh, Egypt and Pakistan.

**REGISTRATION FEES** 

For Delegates: 25 €

For Daily Participant with Accommodation 250 €

For Daily Participant without Accommodation 150 €

Participation is limited to guota.

Please contact imcet@maden.org.tr for register

