

# Curriculum Vitae

## Dirk Wagner | Dipl.-Ing. MIMMM QMR

### Mining Engineer

Dirk Wagner is an experienced mining engineer with over 30 years of experience in mining. Dirk has experience in underground as well as open pit mining. He is familiar with hard rock and soft rock conditions. He is well-versed in project management, technical, economic, and risk assessments. Dirk has a track record of success in mining and economical evaluation, from scoping studies to bankable feasibility studies. He has experience in assessing mining operations, conducting process audits, technical reviews and providing operational assistance. Additionally, Dirk has strong leadership skills and has led multidisciplinary and cross-functional teams with fluency in German, English, and Russian.

#### Education

##### Specialized in Mining Engineering – M.Eng

- Technical University of Berlin – TU Berlin Dipl.-Ing.  
1986 – 1992

#### Language

German	☒☒☒☒☒
English	☒☒☒☒☒
Russian	☒☒☒☒☐

#### Core Qualifications

- Mining Engineering and Economical Evaluation expertise
- Project Management experience
- Open pit and underground
- Technical, economic, and risk assessments
- Process audits, technical reviews and operational assistance
- Familiar with Microsoft products incl. MS Project

#### Employment Record:

##### DMT Associate and Freelancer

DMT GmbH & Co. KG, Essen, Germany, Dirk H. Wagner Mining Consulting  
2016 – Present

##### Senior Project Manager

DMT Consulting GmbH  
2011 – 2015

- Worked in typical consulting projects for projects worldwide. Special Emphasis on projects in Turkey.

##### Senior Project Manager

Sales Supporting Consulting  
Bucyrus Europe GmbH, Saarbrücken  
2008 – 2011

- Responsible for consulting projects in Russia, India, Colombia and Turkey.

##### Senior Project Manager

IMC Montan Consulting GmbH  
2000 – 2008

- Consulting projects worldwide, Scoping studies, Feasibility Studies, Technical Assistance, Due Diligences, Risk Assessments

##### Quality Manager, Mine Planning Engineer and Shift Boss

Sachtleben Bergbau GmbH & Co. KG  
1992 – 2000

- Mne Planning work, shift supervision, Quality Management of a baryte and fluorspar operation

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### Selected Projects:

- 2016-2024 Germany: Advisor of the Shareholders, Support in updating of reporting system, preparation of life of mine plan (LOMP),- preparation of economic studies, monitoring of strategy process, controlling of mine performance, Interim quality manager
- 2023 Serbia: Basic engineering of the infrastructure of an underground lithium and boron mine
- Since 2022 Mongolia: Project management of a feasibility study for an underground fluorite mine. Mining Expert (CP) and economical assessment. project scheduling
- 2023 Georgia: Feasibility Study on an expansion of an underground hard coal mine. Mining Expert (CP) and Cash Flow Modeller, project scheduler
- 2022 Austria: Scoping Study on reopening of an underground magnesite mine in Austria, Project manager and mining expert (CP).
- 2021-2023 Pakistan: Advisor of potential shareholder of a Cu-Ag open pit, Mining expert (CP) and Financial Modeler
- 2021 Germany: Review of an updated pre-feasibility of an underground industrial minerals mine, Senior Expert Mining (CP), Cost Analysis. Project Schedule review
- 2020 Spain: Fatal Flaw Analysis of the underground copper mine operations/Lender's Engineer, Senior Expert Mining (CP)
- 2019–2020 Uzbekistan: Economical Evaluation of an Iron Ore Open Pit Project, Senior Expert Economics, Project scheduling
- 2019–2020 Georgia: Safety Audits on an underground coal mine, project Manager
- 2019 Pakistan: Observation of Performance Test of a open pit coal mine, Lender's Engineer, Senior Expert
- 2018-2019 Germany: Cost Modelling for a Pre-Feasibility Study of a polymetallic underground ore mine, Senior Expert Economics
- 2019 Mongolia: GAP Analysis and Inception Report on Hard Coal Open Pit Feasibility Study, Senior Expert Mining (CP) and Costing
- 2018 Pakistan: Due Diligence on cost part and contractual issues as Lender's engineer for a open pit coal mine, Senior Expert
- 2018 Turkey: Preliminary Cost and Production Schedule for a chromite open pit, project manager
- 2018 Turkex: Preliminary Economical Assessment of Malkara coal project
- 2017 Mali: Review and evaluation of open pit gold operations, Financial Expert & Mining Engineer
- 2017 Georgia: Lender's Engineer Due Diligence, review of copper and gold mines open pit and underground, long term mine plans, gold processing facilities, Cost Engineer & Mining Engineer (CP)
- 2017 Eastern Europe: Technical Due Diligence on underground coal mines incl. operating cost assessment as preparation for a takeover bid, Project Manager, Cost Engineer
- 2016 Spain: Fatal Flaw Analysis, Review of mine plans, schedules and operations of 3 underground ore mines in course of a Lender's engineer assignment, Mining Expert (CP)
- 2014-2015 Kazakhstan: JORC Reserve review, Geotechnical Investigations, Health and Safety Audit preparation to support financing process. Owner's engineer, Project Management and peer review
- 2014-2015 Turkey: Resource Estimate for a Lead Zinc Mine, Project Manager, Project Coordination, Peer Review
- 2013-2015 Turkey: Resource Estimate, Preliminary Economic Assessment and Gas Drainage concept for the Amasya / Merzifon underground coal mining project, Project management, Preliminary Mine planning, Economic Assessment
- 2013-2015 Turkey: Resource Estimate, Preliminary Economic Assessment and Gas Drainage Concept for an underground coal mining project. Project Management, mine planning, economic assessment, project scheduling and peer review of other chapters
- 2013-2015 Turkey: Feasibility Study on the Gökirmak Copper Project in Northern Turkey, Project Manager, Project management, mine planning, cost calculation, cash flow modelling, project scheduling

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## **Mining Engineer**

### Selected Projects:

- 2013 Turkey: Due Diligence on an underground coal mining project in Soma area. Project Manager. Project coordination, review of Mine Plan, production plan and economic evaluation
- 2012-2013 Turkey: Preparation of Technical Report according to NI43-101 for Eti Gümüş Silvermine, Pit Optimization. Project management, pit optimization, mine planning, equipment selection, economic evaluation, project schedule
- 2012 Australia: Due Diligence on an underground and an open pit Gold Mine, Mining engineer, Review of mine plans, review of operations, review of costs
- 2012 Vietnam: Due Diligence on Underground Nickel Mine, Mining Engineer, Review of operations, review of costs, review of Life of Mine Plan
- 2011 Tajikistan: Assessment of a small scale underground mine, Project Manager, Review of underground coal mining project
- 2011 Germany: Competent Persons Report on Coal assets of a German Company, Economic Expert
- 2011 Turkey: Engineering Assistance, Review of FS on Tuncbilek deposit, Supervision of Turkish Consultants, Mine Planning, Project Coordination (Serbian, Turkish and German team members)
- 2010 Turkey: Engineering Assistance on Tender preparation for Cayirhan Tender including mine planning. Project Manager, Review of mine plan, review of engineering, preparation of cost schedules
- 2010 India: Equipment Proposal Preparation, including mine planning for an underground coal mining project. Project Manager
- 2009 Russia: Pre-Feasibility Study on application of slice mining in an underground coal deposit. Project Manager
- 2007-2008 Turkey: EPCM Project on an underground copper mine, Project Manager, Project coordination, supervision of surface civil construction, specification of works, tender preparation
- 2007 Brazil: Due Diligence on several small gold mining operations in Brazil
- 2007 South Africa: Due diligence on two gold mining projects, Senior Mining Expert, Review of Mining operations, review of life of mine plan, review of costs
- 2005 Poland: Efficiency improvement of selected Polish hard coal mines
- 2001 – 2003 Kazakhstan: Management Assistance for a Manganese open pit in Kazakhstan, Assistant of Board of Directors
- 2004 Russia: Feasibility Study on a gold project. Project Management. Mine Planning, Project scheduling Equipment Selection, Costing for underground gold mine
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**Mining Engineer**

## Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

Dirk Wagner

31/7/24

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Name of Expert

Signature

Date

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Name of authorized

Signature

Date

Representative of the Consultant

(the same who signs the Proposal)