

Curriculum Vitae

Christian Masurenko

Geologist - EurGeol

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Personal Details

Date of Birth:	5 January 1968
Marital Status:	Married, two children
Nationality:	German
Health:	Excellent



Career Objective

Executive & Project Management, Business Development

Chris is a *EurGeol* geologist with more than twenty years of managerial, technical, operational and project experience in a wide range of business, cultural and climatic environments and commodities. Chris has managed development programs, pre-feasibility & bankable feasibility studies, conceptual evaluations, scoping and acquisition studies and provided technical audits for project financing. Chris's extensive feasibility study experience has included Putu Iron Ore Project in Liberia, Horizonte Minerals Ni Project in Brazil, KHA Ta Project in Mozambique and European Nickel in Turkey and Philippines. He has led or been a key member of long-term technical development and co-operation programs at Ghana Manganese Company in Ghana, European Nickel in Albania/Serbia/Turkey/BIH, Araguaia Nickel Project in Brazil and with the ICMC in Kosovo. He has hands-on experience in the management, business development of a range of exploration, mining and consulting companies with offices in Germany, Australia, and Sri Lanka. Chris is a great visionary bringing new ideas to the mining world.

Professional Skills / Knowledge

- ✓ Community Relations & Resettlement – large scale “world class” mining & Oil/Gas industry projects in Africa (Liberia & Uganda)
- ✓ Expert for Tantalum & Niobium & REEs, Ni, Co, Mn and Fe, sulphides, tropical and fossil laterites, greenstone belts, base metals, Manganese, industrial minerals
- ✓ Coordination of multi-M/BUSD economic studies (PFS-BFS) according to NI43-101 and JORC; annual budgets up to 70 MUSD; > 500 staff
- ✓ Optimization of feasibility studies and active operations
- ✓ Extensive experience in training and managing staff
- ✓ Planning of competitive & innovative strategies in management, mining and production
- ✓ Excellent verbal and communication skills; excellent understanding in community and government relations; highly organised and methodical

Career Highlights

- ✓ DFS of multi BUSD Fe Project in 15 month, 20 % under budget
- ✓ Grant of Mining Licence and all ESHIA permits in only 90 d after submitting all documents – fastest licence granted in Liberia; Achieved 100 % support of large scale project by communities & local politicians
- ✓ CEO for multi BUSD project in Africa – forming and representing the owner's team;
- ✓ Project management of pre-feasibility & feasibility studies for projects in the range of 10 MUSD to > 2 BUSD
- ✓ Achieved higher productivity and efficiency in mine production, increased production by more than 100 % - introduced int. HSE standards; Zero Harm Environment
- ✓ Communication with international bodies (UN, UNMIK, EU, World Bank/IFC etc)
- ✓ Advising Governments concerning Good Governance and Sustainable Natural Resource Management

Professional Experience

January 2018 – to date



kollektive
Rohstoff
Intelligenz

Kollektive Rohstoff Intelligenz (Collective Raw Material Intelligence)

- ✓ Developing a vision for securing raw materials
- ✓ Building a “Central Intelligence Agency for Raw Materials”
- ✓ Ongoing discussions with German Government, Agencies and Industry
- ✓ www.k-r-i.com

Oct 2008 – to date

ECTerra Pty Ltd (AUS)

Position: Founder – Managing Director



- ✓ Current Projects
 - Nigeria – Economic Assessment of Mining Project
 - GiZ Kosovo Goleshi Magnesite Mine – Reactivation Study PEA/FS level
 - GiZ Cameroon – NI43-101 Lobe Iron Ore Project
- ✓ Advising clients concerning exploration & mining projects
- ✓ Recent projects in base metals, Gold, Ta/Nb/REEs/Uranium, Fe, Graphite and Heavy Mineral Sands – latest projects in Mauritania, Brazil, Liberia, Uganda
- ✓ Acquiring projects; project meetings with clients & investors
- ✓ Planning of investment strategies & Business Development
- ✓ Project Management & training of senior staff
- ✓ Technical reporting NI43-101 & JORC, data verification; external auditing
- ✓ Planning of exploration campaigns
- ✓ Advising clients on strategic investments
- ✓ Additional qualification as Environmental Officer (HSE) – Module I & II (TÜV NORD)

Feb 2012 to Jan 2016

Severstal Resources/Putu Iron Ore Mining Inc.

Position: Chief Executive Officer PIOM Liberia

- ✓ Planning and managing Pre-feasibility and Feasibility of a multi-billion USD project
- ✓ Budgeting (up to > 60 MUSD p annum)
- ✓ Coordination of national and int. consulting groups; coordinating tender processes for construction projects, DFS
- ✓ Supervision of daily activities – Mine camp and HQ Monrovia
- ✓ Reporting to Board of Directors Severstal Resources Moscow
- ✓ Government Relation / Corporate Affairs Management; Community Relation Management
- ✓ Negotiations of contracts, SoWs, ToRs; HR Management in cooperation with the HR Manager
- ✓ Responsible for > 500 staff; training of staff regarding management, project schedules and budgeting; coordination of all department and sub-contractors
- ✓ Co-Founder 1st LIBERIAN CHAMBER OF MINES – “Acting Chairman 2013-2015”

Sep 2010 – Feb 2012**Brazil Exploration Company AIM listed Horizonte Minerals****Position: Project Manager / Regional Geologist N-Brazil**

- ✓ Planning and managing geological exploration for Ni Laterite in Brazil;
- ✓ Supervision of resource drilling; implementation of standard operation procedures according to int. standards for sampling, analytical work and reporting;
- ✓ Interpretation of historic & new exploration data; validation of data and preparation of those information for compliant resource statements (NI43-101); internal auditing
- ✓ Conducting Pre-Feasibility Studies of a Ni laterite deposit in N-Brazil
- ✓ Supervising calculation of ore reserves according to international standard (JORC, 43-101 Code)
- ✓ Budgeting of regional exploration (> 5 MUSD pa); maintaining of exploration licences
- ✓ Advising client on business development
- ✓ Training of local staff; supervision of 4 local and int. Geologists, 6 Technicians and up to 30 staff.
- ✓ Setting up sample preparation and storage facilities for historic and new drill core; development of SOPs
- ✓ Supervision of re-logging campaigns; general core logging
- ✓ Implementing and supervising bulk sampling program for MET test work

Jul 2004 – Oct 2010**European Nickel PLC****Position: Project Manager / Regional Geologist / Country Manager**

- ✓ Planning and managing geological exploration for Ni Laterite and Ni Sulphide Deposits in SE Europe and worldwide
- ✓ Project Manager for the Regional Office in Belgrade/SRB and Tirana/Albania
- ✓ Interpretation of historic & new exploration data
- ✓ Planning and carrying out of Fact Finding Missions in SE Europe, Middle East and Asia
- ✓ Auditing of existing data of both, laterite and sulphide deposits
- ✓ Conducting Economic Studies of existing deposits
- ✓ Desk Studies of Ni Laterites/Sulphides in Europe, Asia, Middle East
- ✓ Supervising calculation of Ore Reserves according to international standard (JORC, NI43-101)
- ✓ Budgeting of regional exploration (> 5 MUSD pa)
- ✓ Planning and setting up of sample preparation facility in Serbia according to international standards ISO, JORC, 43-101
- ✓ Communication with Ministries and National Institutions
- ✓ Applying for exploration licences under national and international standards
- ✓ Training of local staff; set up laboratories and sample preparation facilities
- ✓ PR Management (Government and Local Communities, NGOs)

May 2002 – Dec 2003**KHA-TEC GmbH, GERMANY****Position: Project Manager / Technical Director, Morrua Mine Mozambique**

- ✓ Technical Director of Tantalite Mine, Project Manager Phase II (Extension of Processing Plant, > 10 M€), Project Manager Exploration, Infrastructure

- ✓ Reporting directly to Board of Directors, planning of strategic investments
- ✓ Communication with official institutes (EU, World Bank, Government)
- ✓ Supervision of mine planning
- ✓ Geological exploration for Tantalite, REEs and associated minerals; evaluation of Ta deposits (pegmatites)
- ✓ Community Relations Management

November 2001 – April 2002

SaarMontan GmbH, Grube 1, 66125 Saarbrücken – Jägersfreude, GERMANY

Position: Project Manager KOSOVO (Former Republic of Yugoslavia)

- ✓ Management of Operation in Kosovo
- ✓ Correspondence with international parties such as UN, UNMIK, EU etc.
- ✓ Supervision of Drilling and Blasting Teams; planning of quarries (Pit Design)
- ✓ Cost estimation of all operations and combined with the recommendations of new strategies
- ✓ Consulting for Mining Industry (Trepca, Mg-Mine, Quarries)

February 2001 – November 2001

FGE GmbH, Klingenderstr. 10-14, Paderborn, GERMANY

Training: GeoInformationSystems (GIS) – Engineer and Consultant

- ✓ Training on four GIS-Programmes (e.g. ArcView, MicroStation, SICAD/open)
- ✓ Project Management and Consulting

September 1996 – December 2000

Ghana Manganese Company Ltd GHANA

Position: Chief Geologist & Production Manager

- ✓ Quality control of the ore, improved quality of ore to match customer's specification (QA/QC), Laboratory Management
- ✓ Work out of blast designs and the costs involved; wrote and developed investment plan for new blast drill rig. Drilling and blasting have since increased by more than 100 %
- ✓ Ore reserve estimation; increased ore reserves by 25 %; short-term exploration
- ✓ Supervision of exploration (geochemical soil sampling and trenching) for Gold and Manganese, supervision of drill crews, both Diamond- and RC-Drilling
- ✓ Supervision of senior & junior staff (> 100 employees)
- ✓ Planning of pit design; achieved more efficient ROM production; raised ROM by > 100 %
- ✓ Core logging, re-organisation of core magazine; structural & geological mapping of the mining area; accomplished a completely revised geological map and structural model of mining area
- ✓ Environmental Protection; member of the environmental committee of GMC; corresponded with the Environmental Protection Agency of Ghana; Presentation of environmental measures to the EPA and their representatives; supervising of every environmental measures on the mine property (e.g. construction of new filling station for heavy duty equipment)
- ✓ Cost estimation of all mine equipment and combined with the recommendations of new investments; reporting of availability and utilisation of heavy duty equipment and recommendations of new investment strategies

January 1996 - September 1996

TU Bergakademie Freiberg, Institute of Mineralogy, Chair of Ore Deposits, Germany

Position: Assistant in a research assignment

- ✓ Preparation of research trip and representing the geological part of this project to a group of scientists (e.g. biologists) of other institutions; member of the research expedition (HYDROTRACE SONNE 109)
- ✓ Water sampling & analysis; mapping of ocean floor; sampling & description of sea floor sample
- ✓ Tutoring geology and mining engineering students in mineralogy

September 1992 - September 1995**TU Clausthal, Institute of Mineralogy, Germany****Position: Temporary assistant (in the years of study)**

- ✓ Tutoring geology and mining engineering students in mineralogy
- ✓ Organising & watching over the mineralogical exhibition, showing groups around

Education and Qualification**April 1989 - September 1995**

Qualification: Diplom Geologe (equivalent to Master of Science, Geology)

Institute: Technical University of Clausthal, Germany

Geology & Palaeontology, Engineering Geology, Economic Geology and Hydrogeology

May 2010**Qualification: Environmental Officer TÜV NORD, Germany**

- ✓ Environmental Laws; ISO 14001, EMAS II, Management Systems OHSAS 18001, SCC; HSE
- ✓ Organising of companies according to environmental aspects; internal auditing

Relevant Courses, Conferences & Presentations, Publications

- ✓ Presentation “Capacity Building” Ministry of Mines & Steel Development Nigeria, Aug 2018
- ✓ Key Note Speaker Developing a National Biodiversity Offset Scheme: “A Road Map for Liberia’s Mining Sector” World Bank Group 26th March 2015.
- ✓ Key Note Speaker “3rd Session of the regional dialogue platform in extractive industry, Central Asia, 7th – 9th April 2014, Dushanbe/TAJ”: Government Investors Relationship.
- ✓ World Bank Workshop “Aggregated Biodiversity Offsets in Liberia” 1st-2nd April 2014
- ✓ Environmental Officer – certified Modul I + II TUEV NORD, June 2010
- ✓ “World of Mining” magazine 6/2008: article on Ni laterites in the Balkan Region – Geology, Mining and Processing
- ✓ SGA Conference Dublin August 2007: paper and presentation “Fossil Nickel Laterites of the Tethyan Belt – Deposits in Albania and Turkey”
- ✓ 2nd Balkan Mining Congress Serbia 2007: paper “Laterite Nickel Ore In The Vicinity Of Bilishti - East Albania” and presentation “Fossil Nickel Laterites of the Balkan – Case Studies”
- ✓ 4th Balkan Conference 2006 at Zlatibor/SCG: presentation + paper “Ni laterite deposits in the Ophiolite belts of the Alpine Himalayan System”
- ✓ Presentation for the University Beograd Faculty of Mining & Geology “ Case Studies of Ni Laterite deposits in the Balkan Region & New Technologies in exploration and exploitation with regards to Serbia” Beograd 2005
- ✓ International Earth Science Colloquium on Aegean Regions with Presentation “Ophiolites in the Alpine Himalayan Belt: Case Studies of Ni laterite deposits in the Balkan Region & Turkey” Izmir 2005
- ✓ SE Europe Conference & Field Trip Copper/Gold Porphyries Bulgaria 2005

- ✓ Internal Customer Care / Team Building Skills 1998
- ✓ Workshop “The Formation of World-Class Ore Deposits in Relation to Plate Tectonics” 1996

IT Skills

- ✓ ArcGIS, MS-Project, MicroMine,

Practical Training

1993, August

Niedersächsisches Landesamt for Science of Soils, Germany

- ✓ Evaluation of geological and hydrogeological aspects of nuclear waste storage
- ✓ Evaluation of hydrogeological expertises regarding nuclear waste storage
- ✓ Evaluation of hydrogeological structures in the area of Gorleben, Nuclear Waste Disposal
- ✓ Collecting data of core logs and geophysical measurements in the field

1993, March

Kreisverwaltung Birkenfeld, Geology Assistant to EPA, Birkenfeld, Germany

- ✓ Geological mapping
- ✓ Evaluation of hydrogeological aspects, introduction to the work as Environmental Officer

Sports / Interests

Member of Association of German Geologists (BDG)

Member EFG – EurGeol #0641

Member of SGA

Fellow of SEG

Acting Chairman 2013-2015 1st Liberian Chamber of Mines

Tennis, Skiing, Swimming, Soccer, Travel, Photography

Guinness World Record™ Holder “longest marathon tennis match 2012 & 2017”



References¹

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¹ More references available on request.