



METALS CONSULTING INTERNATIONAL LIMITED

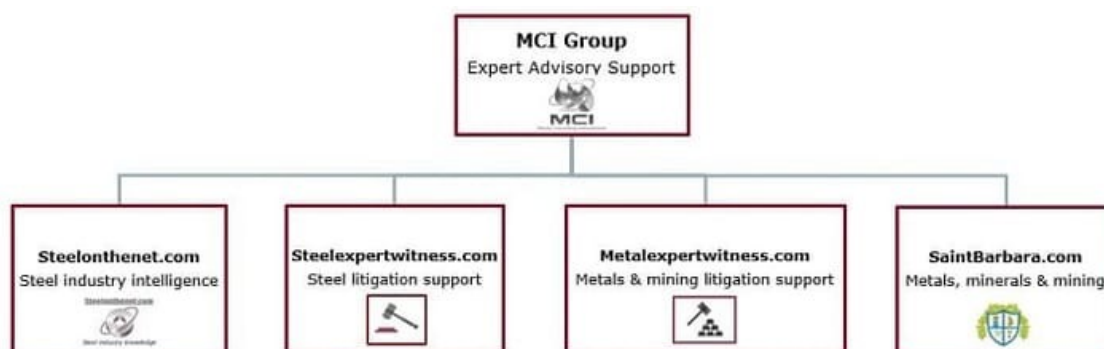
Market, technical and financial metal sector support



GROUP STRUCTURE

The MCI Group comprises several businesses, each of which serves the global metals and mining sector. This includes:

- **Metals Consulting International Limited (MCI)**, which is our main management consulting business. MCI provides international clients with metal sector feasibility study, due diligence, and related services.
- **Steelonthenet.com**, our steel industry news and information website. This offers site visitors the latest industry news, price and cost data, conference information, and more.
- **Steelexpertwitness.com**, which provides expert witness litigation support to help resolve iron and steel sector disputes relating to matters such as cargo damage, breach of contract, quantum valuation etc.
- **Metalexpertwitness.com**, which offers legal and insurance-related support to non-ferrous metals and mining clients. Our experience covers aluminium, cobalt, copper, gold, lead, lithium, molybdenum, nickel, silver.
- **Saint Barbara**, which is a UK-based consultancy firm that offers specialist advice to the world's metals and mining industries (including battery metals, precious metals)



- **MCI's consulting services:** Assistance with due-diligence, privatisation, restructuring, modernisation, strategy formulation, business planning, performance turnaround and profit improvement.
- **MCI expert witness services:** Provision of litigation- and insurance- related expert witness support in ferrous and non-ferrous industry disputes
- **MCI additional services:** Assistance with partner search, acquisition appraisal, forecasting, metals market studies, staff training, and executive search and selection.

To provide these services, MCI draws upon:

- A long-standing history of working in the metal sector in Central & Eastern Europe, the Middle East & Africa;
- Hands-on experience in strategy, and in work on market, technical and financial issues.



OUR EXPERIENCE



During the course of the last 20 years MCI's consulting professionals have worked for a wide range of clients including national Governments, Government bodies, the European Commission, the World Bank, the EBRD, private sector banks, legal advisers, actual and potential metals company buyers and sellers, and metals companies themselves.

This work has centred on steel and metals businesses in Western, Central and Eastern Europe, the Middle East, Africa, North America and Asia.

MCI's consultants have significant industry experience from assignments in most regions of the world. This experience encompasses mining, minerals and both non-ferrous and ferrous metals (as carbon, alloy and special steels).

Our consultants can take you from concept to completion

RECENT ASSIGNMENTS (Iron and steel)

MCI's recent metals advisory experience includes professional involvement in the following assignments ...

Project description: Special steels market study 

Objective: Polish special steel market entry

Client: Medium-sized steel processor

Country: Poland

Assignment duration: 1 month

Outputs: Assessment of market size, segmentation, identification of key customers & customer locations. Description of target market, of preferred market entry approach, and review of profit opportunity

Project description: Facility restructuring 


Objective: Preparation of permanent hot rolling mill closure plan for subsequent appraisal by European Commission

Client: Metals re-roller

Country: Czech Republic

Assignment duration: 2 months

Outputs: Formulation of permanent mill closure plan including timeframe, next steps and responsibilities. Appraisal of social, market and financial impacts of mill closure. Submission of finalised plan to European Commission authorities

Project description: Welded tube plant – DCF valuation 

Objective: Market, technical and financial appraisal of a steel tube plant in Kuwait

Client: Middle Eastern bank

Country: GCC focus

Assignment duration: 2 months (completion December 2014)

Outputs: 75-page written report and financial model

RECENT ASSIGNMENTS (Iron and steel)

Project description: Blast furnace performance improvement 


Objective: Improvement BF coal injection rates from ~100kg/thm to medium-term target injection rate of 200kg/thm

Client: Turkish steelmaker

Country: Turkey

Assignment duration: 12 months

Outputs: Periodic 5-day site visits to assess BF performance and PCI status, including management and operator discussions

Project description: Metals industry privatisation 

Objective: Preparation of business plan for European Commission

Client: Major EAF steelmaker (heavy plate)

Country: Poland

Assignment duration: 3 months (completion January 2005)

Outputs: Elaboration of commercial strategy leading to medium-term business viability, and preparation of acceptable associated financial forecasts for the European Commission

Project description: Preparation for EU Membership 

Objective: Preparation of National Steel Restructuring Programmes and Company Business Plans in compliance with Accession Protocols


Client: European Commission

Country: Assignments undertaken in several EU Candidate States

Assignment duration: Each ~4-6 months

Outputs: Typically, plans assessing metals company strategy, market, technical, environmental and financial issues and showing medium-term return to business viability; proportionality of historic State Aid; and detailing potential capacity closures

RECENT ASSIGNMENTS (Iron and steel)

Project description: Reinforcing bar mill pre-feasibility study 

Objective: Market, technical and financial pre-feasibility appraisal for investor wishing to enter the African steel market.

Client: Private investor

Country: Angola

Assignment duration: 2 months (completion May 2012)

Outputs: ~90-page written report including financial model

Project description: Due diligence assessment, Erdemir works 

Objective: Preparation of market, technical and environmental pre-privatisation due diligence report including business valuation for Turkey's leading flat product steelworks (Erdemir; also Isdemir)

Client: Private Turkish client

Country: Turkey

Assignment duration: ~2 months (completion October 2005)

Outputs: Full written report plus financial projections

Project description: Business Performance Improvement 

Objective: Preparation of profit improvement plan (PIP) showing potential for superior medium-term financial performance

Client: Medium-sized downstream subsidiary of one of the world's largest metals companies

Country: European Union

Assignment duration: 2 months

Outputs: Compilation of first in a series of quarterly 'Profit Improvement Programme' reports assessing potential profit uplifts associated with energy, utilities, yield, manpower, mix, purchasing, pricing, bad-debt reduction, general modernisation & other improvement initiatives; incorporation of aggregate uplifts into plan; definition of next steps and PIP responsibilities

RECENT ASSIGNMENTS (Iron and steel)

Project description: Steel rolling mill feasibility study  

Objective: Market, technical and financial due diligence of steel rolling mill investment for established African firm wishing to integrate vertically.

Client: Leading international bank

Country: Nigeria

Assignment duration: 2 months (completion March 2007)

Outputs: ~60-page written report including spreadsheet financial model and PowerPoint slide show of main findings

Project description: Service Centre Investment strategy 

Objective: Review of steel distribution channels for flat / long / tube products by domestic and foreign owned service centres including stockholder / SSC sector industry structure, # of players, size, location, specialisation; appraisal of investment / consolidation trends & definition of investment opportunity

Client: West European client [merchant bar]

Country: Central Europe

Assignment duration: 1 month (completion September 2007)

Outputs: ~50-page written report describing steel market, stockholder sector, key players, trends, customer lists

Project description: Middle East market study 

Objective: Demand appraisal for steel products across eight different Middle East countries to establish domestic and export potential for a steel industry investor in the region.

Client: Middle Eastern investor

Country: Middle East focus

Assignment duration: 2 months [completion July 2013]

Outputs: Market appraisals concerning total steel demand with segmentations into flat, long and tube products and further subdivisions; with steel demand forecasts to year 2020.

RECENT ASSIGNMENTS (Iron and steel)

Project description: Pre-inception study – integrated plant 

Objective: Preparation of feasibility study for investment in a multi-million tonne greenfield iron and steel works in Ethiopia including market study, technology assessment, site selection and viability planning

Client: UK Government / Government of Ethiopia

Country: Ethiopia

Assignment duration: 18 months (completion July 2017)

Outputs: Several 100-page written reports & financial models

Project description: Steel pipe plant – due diligence 

Objective: Market & technical due diligence for a large diameter pipe plant located in Arab Gulf states region

Client: Middle Eastern bank

Country: GCC / Iran / Iraq market focus

Assignment duration: 2 months (completion December 2013)

Outputs: ~60-page written report and financial model

Project description: Greenfield steel plant study 

Objective: Preparation of market & technical positioning report & financial model for new integrated steel mill in East Africa

Client: African Government

Country: Confidential

Assignment duration: 3 months (completion May 2014)

Outputs: ~100-page written report and financial model

Project description: Review of steel plant rehabilitation plan 

Objective: Market, technical and financial feasibility review of rehabilitation programme for integrated steel plant.

Client: Steel plant CEO

Country: Egypt

Assignment duration: 2 months (completion November 2017)

Outputs: ~50-page written report including financial model

RECENT ASSIGNMENTS (Iron and steel)

Project description: Expert witness – steel market prices 

Objective: Preparation of an independent opinion [relating to alleged steel cargo damage in transit] of the sound market value of a steel shipment

Client: Leading maritime law firm

Country: UK

Assignment duration: Two weeks (completion October 2012)

Outputs: Written report encompassing the results of a detailed valuation analysis, supplemented by independent steel price data. Process also involved expert meetings and the preparation of a memorandum of agreement with the opposing party's expert witness.

Project description: Performance improvement 

Objective: Review of key performance indicators [KPIs] for South American steel melting- casting-rolling business, with preparation of a performance diagnosis and recommendations for performance improvement.

Client: Confidential

Country: Latin America

Assignment duration: 1 month (completion November 2012)

Outputs: Written report describing typical steel company KPIs by process stage; reviewing client KPI data; and setting out the expert diagnosis together with recommendations for improvement (and management understanding).

Project description: Steel market studies 

Objective: Market scoping studies in West Africa


Client: Private investor

Country: Benin, Ghana, Senegal

Assignment duration: 1 month (completion August 2013)

Outputs: ~20-page written report

RECENT ASSIGNMENTS (Iron and steel)

Project description: Plate mill feasibility study 

Objective: Market study / justification, as part of a broader feasibility appraisal, concerning a heavy plate mill investment [for large diameter pipe production] in the CIS.

Client: West European client [a leading bank]

Country: Within former Soviet Union

Assignment duration: > 18 months

Outputs: Market appraisals concerning future plate and large diameter pipe consumption, including 'bottom up' assessments of steel demand arising from investment in domestic & trans-national gas pipeline projects

Project description: Feasibility study [due diligence] 

Objective: Preparation of feasibility study for investment and turnaround and pre due-diligence report on a European group involved in scrap collection and steel manufacturing

Client: Medium-sized private equity fund management firm

Country: Europe

Assignment duration: 1 month (completion April 2006)

Outputs: Slide presentation of the main technical observations to the steel company; followed by written report detailing the main strategic, market and technical issues to the client

Project description: Evaluation of pipe mill investment 

Objective: Market, technical, financial & strategic appraisal for a potential investor


Client: Major European Bank

Country: Turkey

Assignment duration: 2 months (completion Q1 2011)

Why not call us for a free no-obligation discussion?

RECENT ASSIGNMENTS (Non-ferrous and other)

Project description: Performance improvement - aluminium 


Objective: Profit improvement through identification of short- and medium-term performance improvement opportunities (including capital investment) for GCC -based reroller of aluminium products

Client: Confidential

Country: Member of Gulf Cooperation Council

Assignment duration: 2 months (completion mid 2018)

Outputs: Written report identifying, quantifying & prioritising profit improvement initiatives and listing next steps for profit recovery

Project description: Concept study – titanium production 


Objective: Preparation of high-level concept study for mining of titanium ore and production of titanium metal, including appraisal of project economics

Client: UK Government-funded study

Country: Ethiopia

Assignment duration: 2-3 months (completion mid 2017)

Outputs: Market study, technical appraisal and financial evaluation

Project description: Investment in copper pipe mill 

Objective: Market feasibility appraisal, contract review and technical support with mill commissioning for Middle East copper pipe mill


Client: US-based manufacturing firm

Country: Middle East location

Assignment duration: ~24 months

Outputs: Revenue forecast, technical plan review plus periodic site visits to monitor progress with plant commissioning

RECENT ASSIGNMENTS (Non-ferrous and other)

Project description: Feasibility study – plasma metallurgy plant 


Objective: Techno-commercial feasibility appraisal of plasma metallurgy plant for production of ferrovanadium in East Asia

Client: Confidential

Country: Mongolia

Assignment duration: 2 months (completed in 2014)

Outputs: Written report identifying market, technical and economic issues associated with the investment

Project description: Optimisation of distribution channels 

Objective: Review of routes to market (including review of commercial effectiveness of international sales subsidiaries) for leading metals producer in the Middle East

Client: Metal rolling mill (confidential)

Country: GCC

Assignment duration: One month

Outputs: Definition of preferred sales and distribution routes including preparation of restructuring concept for foreign sales subsidiaries with business reorientation to higher margin activities

OUR MANAGEMENT

MCI is led by Andrzej M Kotas, Managing Director. Andrzej specialises in modernisation and restructuring of the metals industry in Europe, the Middle East and Africa. His experience in this area was gained in the early 1990s working for Beddows & Company and later for Hatch Associates.

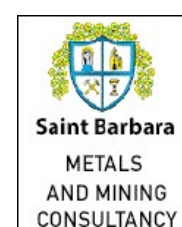
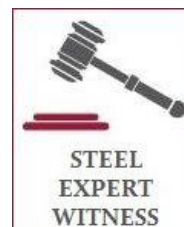
During his career Andrzej, who speaks fluent Polish, has led many different consultant teams working on both national and corporate industry restructuring programmes, principally in Central Europe.



Andrzej M Kotas
Managing Director

Andrzej is a Fellow of the Institute of Business Consulting [IBC] and a Fellow of the Institute of Materials, Minerals and Mining [IOM³]. In 2002 Andrzej founded the steel industry news and information portal www.steelonthenet.com.

In 2017 Andrzej also founded the steel industry expert witness service www.steelexpertwitness.com, a venture that provides expert witness support to help resolve iron and steel sector legal disputes. The non-ferrous legal and insurance-related support service www.metalexpertwitness.com was then launched soon after MCI's merger with [Saint Barbara](#) in 2020.



OUR CONSULTANTS

MCI has a team of metals industry professionals who specialise in **market, technical, environmental & financial** metal sector appraisals. Most of our consultants have 20-30 years operational or consultancy experience. The team's capability covers the following.

- Raw materials including iron ore, pellets, coke, DRI
- Ironmaking
- Steelmaking (BOF, EAF and induction furnace)
- Carbon, alloy and special steels
- Aluminium, cobalt, copper, gold, lead, lithium, molybdenum, nickel, silver and zinc, 3T metals, PGMs
- Casting; and hot and cold rolling – flat and long products
- Coating (GI, PPGI)
- Steel distribution including service centres
- Technology selection
- Steelmaking cost models and cost benchmarking
- Viability appraisal
- Steel plant maintenance
- Labour force restructuring.



ABOUT MCI

Metals Consulting International Limited was founded in 2003. The business is incorporated under the 1985 Companies Act as a Limited Company registered in England and Wales and is privately owned.

Metals Consulting International Limited is a member of the Institute of Business Consulting, where our consulting unit is a recognised practice.

CONTACT US

To request copies of client testimonials, for further information and assistance, or for an initial discussion please contact:

Andrzej M Kotas, Managing Director

Metals Consulting International Limited

<https://www.metalsconsultinginternational.com>

The Coach House, Powell Road

Buckhurst Hill

Essex IG9 5RD

United Kingdom

☎ +44 (0) 775-149-0885 ☎

Email: info@metalsconsultinginternational.com

