

## Jim Green

Jim has wide ranging experience in carbon and alloy steels, stainless steel and aluminum, including casting, forging, hot and cold strip, coatings, plate, rail, section, bar, rebar, wire rod, seamless and welded tube. After 8 years with British Steel, 8 years with WS Atkins and 16 years with Davy, he has operated free-lance since 1996. He speaks French and German. He has carried out the following assignments:

### Project Management

*1980-96 Davy, Poole, UK* - Turnkey proposals in steel and aluminium.

*2003 Atkins* - Steel cold rolling and finishing in Tianjing, China; *1980* Rod mill Dalsbruk, Finland; *1980* Alloy and stainless billet mill in UK, *2004* Cold Strip & Temper Mills in China.

### Technical & Economic Studies

*2008 MCI* Concept studies on EAF, wheels, OCTG

*2008 Hatch* Hot strip mill capacity verification

*2007-8 MCI* Industrial complexes in Gulf states.

*2006 Atkins* Sheet piling, stainless bar & tube, sections.

*2005 JMI, Eire* - Lead sheet rolling.

*2002 Behre, Dolbear, UK* - Aluminium casting and rolling

*2002-3 Parkegate Engineering Consultants, UK* -

Process model for Flat Rolling; Sendzimir mill in Thailand; *2005* Stainless steelmaking and strip rolling.

*2002 UK client* - Concept study on aluminium strip casting and cold rolling to heat exchanger finstock.

*2001 Beddows, USA* - Operating cost model for seamless tube rolling and finishing.

*2000 Atkins* - Special steels plant at COST, Romania

*2000 Corus Consulting, UK* - Tube and bar rolling and finishing for special steels.

*1996 SEC, UK* - Hot and Cold strip rolling mills, Galvanising and strip finishing in Malaysia and Indonesia.

*1988-96 Davy, Poole, UK* - R&D for stainless steel, aluminium and coated steel strip.

*1982 Energoinvest, Bosnia* - Economic model of integrated aluminium works.

### Training

*2002 Shell International Petroleum* - Steel processes, equipment and markets, in Shanghai and London.

*2003 Sheffield University, UK* - Flat Rolling Technology.

### Due diligence & Business Planning

*2007 & 2009 GSC* Bar mills and forging in Montenegro.

*2009 MCI* Bar minill in Nigeria

*2008 EBRD* Minimill for rebar in Georgia

*2008 Atkins* Section mills in Bahrain

*2008 Hatch* Seamless tube project

*2008 MCI* Modernisation of flat products, Ukraine

*2007 MCI* Wide plate mill and welded pipe in Russia

*2007-8 Atkins* Seamless pipe rolling and finishing.

*2007 Atkins* Bar and rod rolling in Latvia

*2007 MCI* Cold rolling plant in Nigeria

*2006 HB advisers* Special steels in Scandinavia;

Valuation of Erdemir Group in Turkey

*2006-8 MCI* Bar mills in Poland.

*2005 Metals Consulting International* - Hot & Cold

Strip, plate, wire rod, tinning, galvanising in Turkey.

*2005 Mittal Steel* - Iron ore exploitation, Senegal

*2005 Hatch Beddows* - Seamless & welded pipe mills in Russia and Romania.

*2004 PricewaterhouseCooper* - Steelmaking & casting, seamless & welded tubes, bar & rod in Croatia.

*2004 Global Steel Consultants* - Seamless tube mill in Italy.

*2004 John Foord* - Special steels bar and rod mill in Malaysia. *2006* Beam mill in Malaysia

*2004 Atkins for Balkans client* - Sendzimir mill and finishing in Bosnia.

*2003 Atkins for Italian bank* - Galvanising, Estonia.

*2003 Atkins for ISPAT Indo* - NSC, Philippines

*Atkins for ISPAT International* - *2002* Rolling mills at Nanjing; *1999* Hot & cold strip at National Steel,

Philippines; *2001-2* Rails, sections, bar, rod, wire, plate, hot and cold rolled strip, galvanising, tinning and coating

in Poland; *2004* Bloom, billet, bar and rod in Ukraine.

*2001 USAid* - Welded tube, in Bosnia.

*2000 Japanese client* - Galvanising in Venezuela.

*1998 ISPAT Indo* - Rail and heavy section mills in

Romania

*1997 Beddows* - Seamless and welded tube in Venezuela;

*1997 EBRD* - Hot & Cold Strip Mills and Bar Mill at

Ispat-Karmet, Kazakhstan.

### Expert Witness

*2009 Transport counsellors* Billet quality

*2006 Mouchel Parkman* Ice damage at Galati, Romania

*2005 Corus, UK* - Roller straightening of rail & section

*2005 Mouchel Parkman, UK* - fire damage at Karmet.

*2000 Hunter, McLean, USA* - Sea-damaged merchant mill equipment at Birmingham Steel, USA.

*2002-3 Atkins, for White, Case* - Special steels rod mill at ARCO Steel, Egypt; Blooming, rails, sections and tyre

mills at Resita, Romania.

*2000 Atkins* - Quality in steel billets and plates.

*1997 Sidermac, Italy* - Merchant section & bar mill in USA.