

**BATEMAN**  
Bateman Engineering N.V

**ECRI Presentation**

Haarlem November 2007

# Bateman Engineering at a glance

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Bateman Engineering is a technology driven engineering project house serving the minerals and metals industries worldwide.

We engineer success for our clients by delivering innovative solutions, unlocking the value of natural resources.

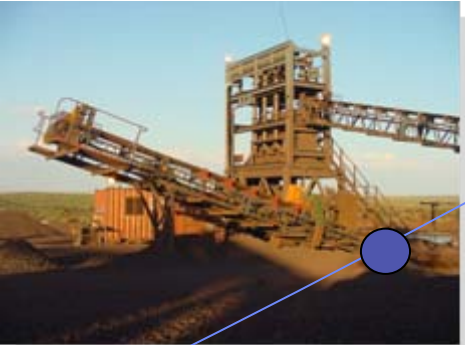


## Quick statistics:

- Founded in 1921
- Registered in Netherlands with presence across five continents
- Listed on AIM in London 2005
- Approx. USD700m Revenue
- 75% EPC 25% reimbursable
- Approximately 1600 employees
- Completed over 1000 projects in over 50 countries since 1980

# Bateman Engineering at a glance

## Global Project Solutions



● Minerals & Metals

● Engineered Technologies

● Metal Recovery

● Finance & Facilitation

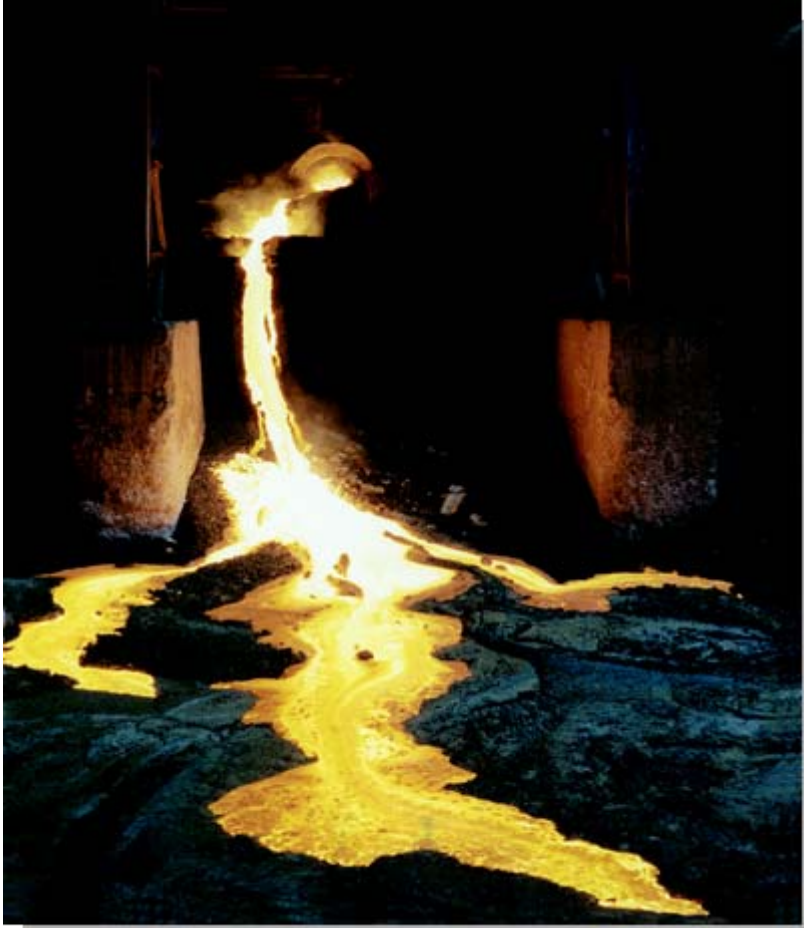
● Quality & Systems

● Safety, Health & Environment

● Track Record

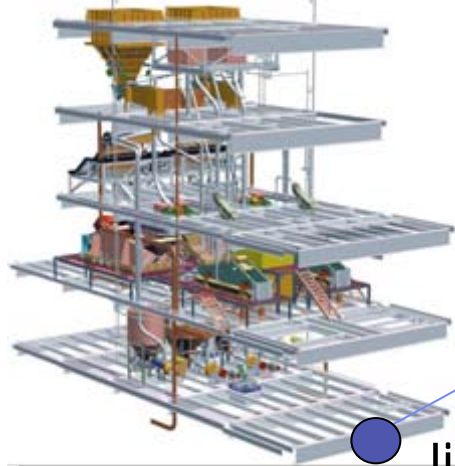
# Solutions Provider

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- ❑ Innovative solutions provider to natural resources industry internationally
- ❑ Comprehensive blend of skills
  - Process orientated design and engineering
  - State-of-the-art niche processing technologies
  - Financial and commercial facilitation
- ❑ Contracting and project management
- ❑ Global infrastructure
- ❑ Specialising in developing regions with evolving economies

# Minerals & Metals

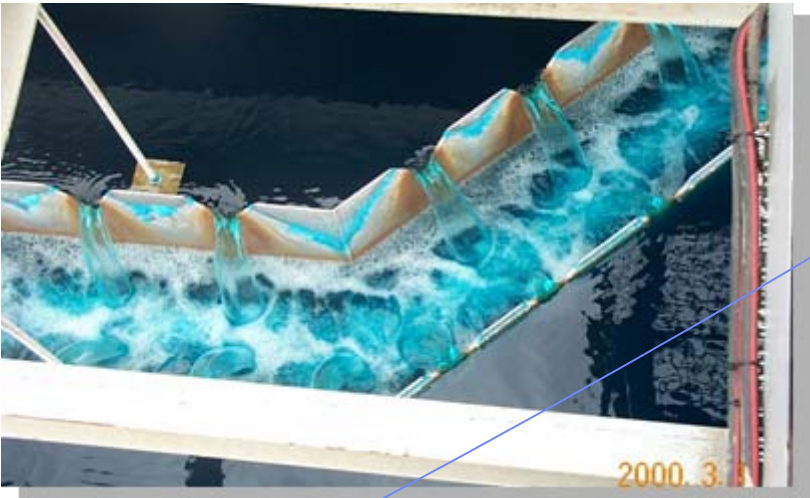


- Gold
- Platinum Group Metals
- Industrial Minerals
- Base Metals
- Diamonds
- Ferrous Metals
- Special Projects
- AC and DC Furnace Groups
- Modular plants
- Jigging & gravity separation

# Bateman Engineered Technologies



- Bulk Materials Handling
- Pneumatics & Environmental Control



- Specialised Equipment
- Spares and Services

# Metal Recovery



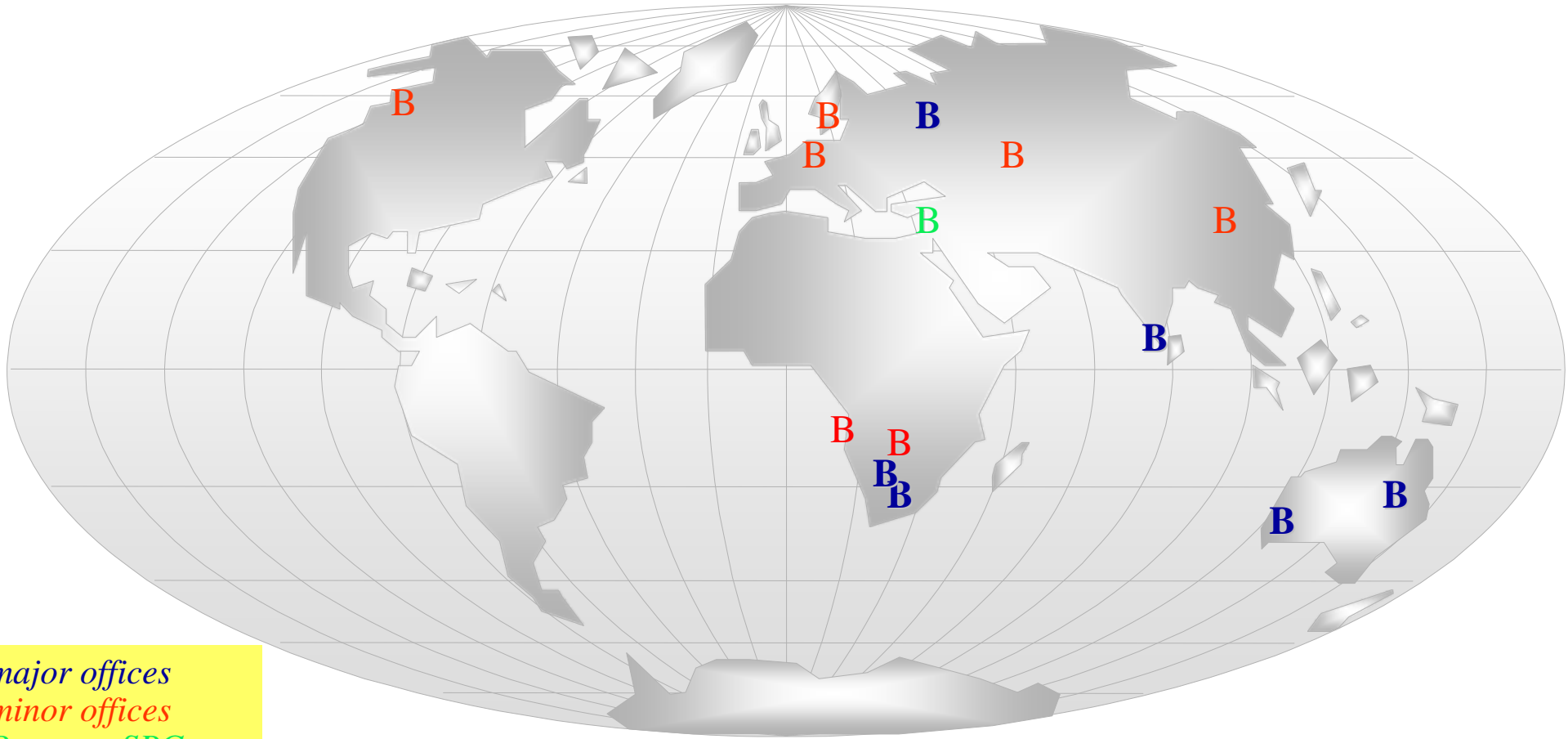
● Metal Recovery

● Toll Treatment (BOO)

● Own Processing (JV)



# Our Main Offices?



**B** major offices  
**B** minor offices  
**B** Bateman SPG

# Risk management

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- Not a substitute for Common Sense
- Starts & Ends with Contract
- Oversight & Group Structure
- Strategic Objectives and policy
- Methodology, process & tools
  - Standard checklist risk assessment
  - Monthly reviews – functional management
  - Normal risk register / mitigation plan
  - Monte Carlo simulation on cost / time

# Project Risk Reviews

- Monthly management project reviews
- Quarterly project risk reviews
- To provide a system of reporting on project criticality and thereby assist the business line in determining the overall health of the project
- All studies and projects > USD 1m

**BATEMAN**

## Audit of Project Risk Summary Appendix A - Primary Classification

<b>Business Unit / Location:</b>							
<b>Project Title</b>							
<b>Project Number</b>							
<b>Project Manager</b>						<b>Report Date</b>	
<b>Submission For:</b>	<b>Tender/Proposal</b>		<b>Study/CBE</b>		<b>1<sup>st</sup> Third Project</b>		
(Mark X)							
<b>Project Value US\$: (Bateman Sell Price Including Notional Value)</b>					<b>US\$</b>		
<b>Description of Significant Risk:</b>							
<b>Evaluation of Financial and other consequences of worst case downside potential:</b>							

# Project Risk Reviews

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- Conformance with Group Policies and Procedures
- Monitoring and Evaluation

<b>"Primary Classification" Information (See Explanatory Text):</b>	
<b>(Select applicable answer)</b>	<b>Yes to All / No to Any / N/A</b>
1) Bid /Study / Contractual Records Complete And Secure?:	
2) Bid / Contract reviewed and authorised according to G/ADMA/0901/011A?	
3) Risk Analysis And Management Plan According To Procedure G/CORP/0901/003?	
4) Is the project, study or bid being managed strictly in accordance with a formal strategy and designated procedures?	
5) Has the project been reviewed (with record) by the Business Line Management in the past two months?	

# Project Risk Review

- Project trend analysis

