

Deep Sea Mining Introduction & (technical) challenges

Ir. Rick Lotman Manager R&D Deep Sea Dredging & Mining



The technology innovator.



MERWEDE

Contents

- Introduction to IHC Merwede
- History & current deep sea mining
- Deep sea business drivers & system
- Challenges









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MERWEDE

Corporate social responsibility

- Transparancy & accountabality
- Ethical behaviour
- Stakeholders interests
- Environmental interests
- Rule of law & norms of behaviour
- Human rights
- Some guidelines exist
- Relevance, applicability?

















Conclusion

• Very, very large amount of deposits

- Proven technology available
- Challenges remain:
 - Environmental impact
 - Large flow vertical transport
 - Excavation
 - Power supply



