

Adam Slee

International Specialist in Waste Management and Disposal Site Remediation

Nationality: British

Date of Birth: 1938

Years of experience in Waste Management: 25

**Membership of Institutions: Chartered Member Inst Wastes Management (CMIWM),
Chartered Environmentalist (CEnv)**

Summary of Skills and Experience

Adam Slee has 25 years of international experience working in waste management. He has a strong track-record in the practical and hands-on planning of disposal site remediation. In particular, he has had successful experience in disposal site remediation projects in several countries where waste management is at a basic level and where the disposal sites are often poorly managed, have significant environmental impacts, and are often on fire.

Example of successes include recent detailed work as Project Manager for a high profile EU-funded 4-year project in Romania, involving the remediation of 5 major disposal sites and clean-up of over 100 smaller sites. Mr. Slee has managed major projects on technical planning of waste disposal improvements in Sri Lanka, India, Bangladesh and Abu Dhabi. In addition, he worked on the strategy and plans for the rehabilitation of the major disposal site in Lusaka, Zambia, including the development of the tender documents for private sector works. All these projects have started with detailed baseline assessments and included a mix of short-term low-cost improvements and longer-term higher standard solutions. All have included detailed costings, and Mr. Slee's experience working for private waste management companies has given him a strong appreciation of the most cost-effective options for practical solutions.

Mr. Slee has a strong mix of technical skills and wider experience on components of waste management strategies and plans, such as cost recovery, institutional and legal aspects, awareness, etc. His skills of fitting waste disposal solutions into wider strategies, and ensuring applicability and affordability with respect to the local situation, have strongly contributed to his successful projects and his strong track-record.

He has major experience in stakeholder consultation and working with local counterparts. His strong communication and people skills mean that he can provide excellent high-level presentations to senior policy-makers, as well as working with more junior counterparts and ensuring good on-the-job training.

Education:

<i>Institution</i>	Royal Military Academy Sandhurst, UK
<i>Date: From - to:</i>	Jan 1956 to Dec 1957
<i>Degree(s) or Diploma(s) obtained:</i>	Commission, 2 nd Lt Royal Engineers, Member Institution of Royal Engineers
<i>Institution</i>	Defence Academy of the United Kingdom, & Royal School of Military Engineering, Chatham
<i>Date: From - to:</i>	Jan 1958 to Dec 1961
<i>Degree(s) or Diploma(s) obtained:</i>	Promotion to Substantive Captain, Royal Engineers, 1965
<i>Institution</i>	Trinity University, USA
<i>Date: From - to:</i>	June 2000 to July 2001
<i>Degree(s) or Diploma(s) obtained:</i>	BA, Business Administration.

Language skills: (Mark 1 (basic) to 5 (excellent) for competence)

<i>Language</i>	<i>Reading</i>	<i>Speaking</i>	<i>Writing</i>
English (mother tongue)	5	5	5
German	1	2	1
French	2	2	1
Spanish	2	2	1
Some Urdu, Arabic and was fluent in Malay	0	2	0

Membership of professional bodies:

Member Chartered Institute of Waste Management, Chartered Environmentalist, and Institute of Royal Engineers (retired), and Fellow Institute of Management (retired).

Other skills:

Computer skills: Microsoft Office & Project, Army Topographic Survey Course, Qualified as Naval Diving Instructor and Aircraft Load Master.

Key Qualifications:

Mr Slee is a waste management expert with extensive, international, practical experience in all aspects of waste management together with extensive experience and skills in project implementation and construction management. He has particular experience in management of large inter-disciplinary international waste management projects, the preparation of Strategies and defining and monitoring the progress of Action Plans including the development of PPP and private sector participation in the business of solid waste management in both developed and developing countries.

Mr Slee has a great deal of experience in capacity building, skills transfer, and OTJ training in solid waste management. He has extensive experience in FIDIC contracts and the preparation of tender documents for design and construct and also for operations. His experiences and expertise include:

- Technical engineering studies and plans for landfill remediation, development and rehabilitation of old dump sites;
- Investigation and assessment of sustainable options for remediation of waste dumps from social, technical and financial aspects;
- Regional Waste Management Plans; waste management Strategies and Action Plans;
- EIA (Environmental Impact Assessment) preparation, publication and public meetings;
- Central and Regional Government Capacity Building, and skills transfer;
- Waste collection and transfer systems, recycling systems, treatment and disposal systems;
- Cost recovery and tariff calculation, budgets and financial forecasting;
- Contract preparation, direct labour and franchise contracts, design, build and operate contracts;
- Bid evaluation and contract performance monitoring and contract administration.
- Small Islands solid waste management issues having presented solutions in Tortola, St. Lucia, Malta, Menorca and Sri Lanka
- Promotion of public education in waste matters as a most effective means to overcoming solid waste abuse.

Mr Slee has been the main solid waste expert and project manager for Solid Waste Management Master Plans and Regional Strategies for European Union, World Bank and UNDP funded projects in Romania, Bangladesh, India, Sri Lanka, and Zambia. These projects have involved training and skills transfer to local counterparts, and have had the key requirement of obtaining Counterpart buy-in / ownership and transferring leadership of implementation tasks to counterparts, stakeholders and national consultants.

Having a great deal of experience with private sector participation Mr. Slee prepared contract documents on behalf of local and regional governments. He has also prepared statutes and by-laws for the establishment of waste management authorities and government agencies. His experience extends from data collection and verification through strategic planning and action plans to tender document preparation, analysis and evaluation of tenders, implementation and construction management of landfills, waste management transfer and recycling facilities, domestic hazardous waste planning, various rail, marine and other waste management transfer stations and structures.

Mr Slee has experience in the management of large inter-disciplinary international projects. He is used to dealing with senior authorities in matters of urban services, cost-recovery, procurement and action plans. He has been the originator of new by-laws and codes of practice for local authorities. Backing up his training and skills transfer talents Mr Slee has in depth experience in Urban Planning, Construction Management and Solid Waste and Environmental Engineering working as part-time lecturer, Consultant, Team Leader, Project Manager and earlier as the Managing Director of a large construction company. Most of his projects have involved training and skills transfer to local counterparts, and have had the key requirement of obtaining counterpart buy-in/ownership and transferring leadership of implementation tasks to counterparts. Mr. Slee has also worked with private sector waste management companies, focusing on developing partnership projects combining private and public sectors.

Recent Solid Waste Management Experience Record

- **2006-2009 Alexandria, Romania** as Team Leader and Engineer FIDIC Yellow Book, Integrated waste management system for Teleorman County, Romania. The tasks the Engineer (Mr. Slee) must monitor and approve to EU Standards include all design and implementation of the remediation of five major towns and of all the existing rural dump sites (about 100 sites) in the County of Teleorman, Romania. A new landfill with lining and leachate treatment plant has been constructed together with MRF and Composting facilities. All other dumpsites are currently being closed to limit environmental damage. The work includes the total removal and clearance of waste from two large town dumps and the remediation of the three city dumps. All areas of remediation will be continually monitored.
- **2002-2005 Lusaka, Livingstone and Zambia Towns Sanitation Management Projects, DANIDA and World Bank** funded projects through ERM, UK and Ramboll, Denmark and Wenborn International. Mr Slee acted as Team Leader and Expert Consultant with responsibilities for waste management strategy, action plans, legal documentation and construction contracts, contract administration and skills transfer to local engineers and operatives.
- **2001 –2002 Abu Dhabi, Malta and Oman Municipal Engineering Projects** administered through Globex Engineering, Florida, USA. Mr Slee acted as design and contract administration consultant for municipal facilities including municipal buildings, transfer stations, waste processing and recycling facilities, hazardous waste facilities and landfill developments.
- **2001-2005 Saint Lucia turnkey contract for design and construction of landfill facilities** funded by Caribbean Development Bank administered through Canadian Commercial Corporation & GPEC International. Mr Slee acted as Contractor’s representative and Expert Consultant with responsibilities for design, legal documentation and construction contract administration with particular responsibilities towards guiding the project management team.
- **1996 – 2000 Colombo, Sri Lanka Environmental Improvement Project** funded by World Bank/Government of Sri Lanka, administered through Environmental Resource Management Ltd., UK. Mr Slee acted as Project Manager and Expert Consultant responsible for site investigations, designs, EIA, competitive tendering, bids’ evaluation and contract administration. Mr Slee trained the local consultants in a wide variety of waste management skills.
- **1995-1996 India - Project management for the Municipal Solid Waste Management Study for the Madras Metropolitan Area**, Project Manager & Waste Management Expert, on behalf of ERM. Tasks included: Strategy and Action Plans. Selection of transfer and disposal sites, EIA and pre contract facilitation. Contract preparation for construction of landfills, bid evaluations and reporting to Client Government.
- **1993-94 Bangladesh - Dhaka Metropolitan Master Plan** -Waste Management Expert on behalf of Mott Macdonald & Louis Berger. Solid waste management expert for the Dhaka Metropolitan Master Plan and basic SWM planning for 12 major cities in Bangladesh.
- **1975-1993- USA, BVI, UK, Switzerland & Germany - IBEX SA and Zoeller Waste - Construction and Solid Waste Engineer.** Design and construction of early MRF systems, representation of Zoeller lifting systems and proposals for reduction of waste to landfill. Implementation of system for recycling of plastics and conversion to bitumen substitute.