



PROJECT 67: KEY EXPERTS

Strengthening CBRN Waste Management Capabilities in South-East and Eastern European Countries

PROJECT TEAM LEADER- **Dr Hendrik Visser**



Key Facts:

- PhD Chemistry and MSc Molecular Sciences.
- Over 15 years' leading multi-disciplinary, multicultural projects. More than 8 years' experience organising and leading complex international projects.
- More than 12 years' experience managing projects in non-proliferation, biosafety/security, life-sciences, and infrastructure upgrades/capacity building, including two bio waste management projects.
- Fluent in English (spoken, reading, written), intermediate in Russian.

Biography: Dr Hendrik (Henk) VISSER has over 20 years of experience in managing cooperative, international projects that deal with CBRN issues. Beside Project 67, he currently is the lead implementer of the EU CBRN CoE Project 53 (Strengthening the National Legal framework and Provision of Specialized Training on Bio-Safety and Bio-Security in Central Asian Countries). Since 2005, he has managed over 40 projects in Armenia, Belorussia, Georgia, Kazakhstan, Kyrgyzstan, Russia, and Tajikistan. The projects that he oversaw covered technical areas, such as: bio-safety/bio-security, disease surveillance, toxicology, public health studies, drug development, diagnostics, cancer research, and agriculture, as well as, managed various physical upgrades to bio-laboratory facilities. Between 2002 and 2005 he was a visiting scientist in the Russian Federation as part of an US Governmental sponsored visiting scientist program, to study the three-dimensional structure of membrane molecules of Yersinia Pestis using NMR spectroscopy.

CHEMICAL WASTE MANAGEMENT EXPERT- **Prof Frederic Coulon**



Key Facts:

- Professor of Environmental Chemistry and Microbiology at Cranfield University.
- 20-year international career in environmental chemistry, diagnostic strategy and risk and research active in treatment and remediation processes for pollution control across contaminated land, waste and wastewater sectors.
- Advanced technical knowledge in Hazardous waste; Environmental fate, transport and risk assessment; Site investigation and remediation; Waste management and regulations; Waste management best practices; and Risk communication.
- Excellent international Project Experience. Fluent in English, French and Italian.

Biography: Prof Frederic COULON is an active researcher in treatment and remediation processes for pollution control across contaminated land, industrial and hazardous waste and wastewater sectors. He is recognised for his internationally leading contribution to the evaluation of the environmental fate of petroleum hydrocarbons and heavy metals in urban and polar environments and its implication for bioremediation, analysis and risk assessment. His work has enabled the construction of innovative decision-support tools for contaminated sites that has improved the confidence in remediation (restoring to use) technology, reduced remediation costs and minimised waste disposal to landfill, with subsequent savings in CO₂ emissions. His work and reputation in this area further influences policy development and provides pragmatic, risk-based solutions to remediate contaminated land. He has an MSc in Biochemistry (Hons), a DEA in Fundamental and Applied Microbiology (Hons) and a PhD in Environmental Chemistry and Applied Biology (Distinction).

BIOLOGICAL WASTE MANAGEMENT EXPERT- Mr Thomas Pottage



Key Facts:

- BSc Hons, Medical Microbiology. 14 years' experience in the field of Biosafety.
- Advanced experience in biosafety, waste management, decontamination, environmental microbiology, aerobiology, Bio-response, guidance/scientific writing and biocontainment.
- Over 7 years' international project experience in the field of biosafety and biosecurity on behalf of the European Commission and European Space Agency.
- Mother tongue English

Biography: Thomas POTTAGE is an experienced Project Team Leader in the Biosafety, Air and Water Microbiology group at Public Health England, he has worked on a range of projects within the Biosafety, Biocontamination, CBRN, waste management, aerobiology, environmental microbiology and decontamination fields. His work included the management and production of the UK Recovery Handbook for Biological Incidents for the UK Home Office. This project involved delivering training on how to use the Handbook to attendees from a wide selection of disciplines. He is an experienced trainer in Biosafety and Biosecurity, and Good Microbiological Practice both in the UK and internationally, having delivered high containment working courses in the UK and Jordan. More recently he helped deliver the Biosafety and Biosecurity and Train the Trainer for laboratory workers in Kazakhstan and Tajikistan on the CBRN CoE P53. During the West Africa Ebola outbreak, he was team lead for the European Mobile Laboratory whilst in Liberia, working at high containment within a low resource infrastructure.

RADIOLOGICAL AND NUCLEAR WASTE MANAGEMENT EXPERT- Mr Peter Salzer



Key Facts:

- Chemistry Engineer (MSc. Equivalent). Expert in radioactive waste and spent fuel management. Highly experienced in international project delivery.
- 15 years with DECOM providing engineering support in spent fuel and radioactive waste management, the decommissioning of nuclear facilities and input into safety guide proposals of radioactive waste,
- Over 10 years' experience in institutional radioactive waste management.
- Excellent skills in Slovak/English/Czech. Good command of Russian/Hungarian.

Biography: Peter SALZER spent the first 18 years of his professional career with the Institute of Radioecology and Applied Nuclear Techniques in Košice (East Slovakia). He then undertook and later managed the Institute research activities (e.g. neutron generator activation analysis, the use of nuclear methods to study trace metal behaviour in soils), with responsibility for the management of radioactive materials, isotopes and institutional wastes. In 1993-1997, Peter held the position of Inspector of Nuclear Safety in the field of nuclear waste for the Slovak Nuclear Regulatory Authority. From 1997-2012, he worked for the DECOM Ltd, who provided engineering support for both operators and regulators in area of decommissioning of nuclear facilities, radioactive waste and spent fuel management (including management of institutional waste and disused sealed sources). Since February 2013 to the present day, he acts as a consultant for JAVYS, within various areas of spent fuel and radioactive waste management.

