

Alternative Energy and Sustainability for the Military

27 February 2009

9.30 - 10.45 **Session One:** Keynote Address

Chair: Professor Michael Clarke, Director, RUSI

09.30 Paul Stein, Science and Technology Director, UK Ministry of Defence
'Contextualising Alternative Energy and Sustainability for UK Defence'

09.55 Cornelia Meyer, Independent Energy Expert and RUSI Executive Committee Member
'Oil Price Effects on Fuel Choice and its Implications for Defence'

10.20 Discussion Session

10.45 - 11.15 Tea and Coffee

11.15 - 12.45 **Session Two:** Extant Initiatives and Service Perspectives

Chair: Clive Murgatroyd, Lecturer, Cranfield University

11.15 *TBC - speaker pending final confirmation*

11.35 Steven Grant, Director, International Research Office, U.S. Army Engineer Research and Development Center
'U.S. Department of Defense Energy Systems in Transition: Challenges and Opportunities'

11.55 Discussion Session

12.15 **Round Table Panel Discussion**

Dr David Richmond, Chief Environmental and Safety Officer, Royal Air Force
Stewart Collier, Chief Environmental and Safety Officer, Royal Navy
David Gray, Assistant Director Infrastructure, HQ Land Forces

12.45 - 13.45 Lunch

13.45 - 15.15 **Session Three:** Beyond Fossil Fuels

Chair: Dr. Tobias Feakin, Head of National Security and Resilience Department, RUSI

13.45 Group Captain Nigel Arnold, Assistant Director (Operations), Defence Fuels Group
'Defence Fuel Use – Context, Issues and Solutions: An Operational Imperative'

14.05 Chris Courtaux, Business Director, BAE Systems
'An Industry Perspective On Technology, Challenges and Opportunities'

14.25 Captain (Ret'd) Dave Rigg MC, Royal Engineers, Former Operations Officer, 3 Commando Brigade Engineer Group
'Afghanistan Case Study: Sustaining Operations and Developing Local Capacity'

14.45 Discussion Session

15.15 - 15.45 Tea and Coffee

15.45 - 16.15 **Session Four:** Closing Briefs

Chair: Olivier Grouille, Head of Land Operations and Capabilities Programme, RUSI

- 15.45 Paul Stein, Director Science and Technology, UK Ministry of Defence
'Observations on the Day's Proceedings'
- 16.00 Elizabeth Quintana, Head of Technology and Information Studies Programme, RUSI
'Announcement of RUSI Alternative Energy Project Activities'
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