

**This Call for Papers closed on 6th March 2017
and has been withdrawn**

Call for Papers- energy

February 2017

As part of the Development, Concepts and Doctrine Centre's (DCDC) Global Strategic Trends Programme ([GST](#)) we are undertaking a study into the future of **energy**. The study will explore evidence of trends and drivers associated with energy **out to the year 2050**. Below are some of the areas of interest.

Supply and demand. What are the historic trends for energy types and usage? What are the likely future demands for energy and which sources of energy will be most important? Will there be regional/national diversity of energy sources? Who owns and secures the regions' resources?

Political and economic. Who has the power cards to use energy as political and economic levers? What are the trends for global/international cooperation in producing and distributing energy? What will be the impact of isolationist policies on energy use? How will international trends aimed at addressing climate change challenges restrict energy supplies and use? Who will have sovereignty of disputed areas? What are the potential triggers for disputes and conflicts over energy?

Infrastructure. How will infrastructures develop to meet future energy needs? What are the problems for international cooperation in distributing energy? Will infrastructure lock-in prohibit possible game-changers?

Science and technology. When can we escape the carbon lock-in, if it all? What is the future of fossil fuels? What emerging and disruptive energy sources (fuels and generation) are likely and how viable are they? What methods might exist to increase efficiency of energy generation, consumption, transfer, storage and recovery? How will smart cities/homes/working/grids impact energy demand across regions? How does climate change/more extreme weather impact renewable energy production? What energy-based alternatives may be available?

Social and human: What are the societal demands for energy consumption? Will global standards of living be sustainable? How will the Internet of Things affect energy demand? How will behavioural (social consciousness) changes affect energy demands? What are the effects of the increasing populations in emerging regions and their demands for energy? Where might future shocks come from?

Authors are invited to submit a short two page outline, of the paper they wish to write on the subject(s) along with their credentials and experience within the area of study to the DCDC Futures team at dcdc-strategictrends@mod.gov.uk

Submissions must be original and should not have been published previously. Papers are to have three parts: historic trends and drivers; emerging future trends and drivers; and plausible outcomes from these and must be supported by historical trends and drivers based evidence.

DCDC will review submissions and will notify the authors if they wish to commission the paper.

Key dates

Submission deadline: 6 March 2017

Author notification: 13 March 2017

Final manuscript due: 8 May 2017



Ministry
of Defence

Email submissions to:

dcdc-strategictrends@mod.gov.uk

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