



Background

The OMEGA Centre is offering a five day short course for professionals in the planning, appraisal and delivery of mega-infrastructure projects.

The course draws on both UK and international experience, and equips practitioners with practical knowledge and insights into the successful delivery of mega-infrastructure projects across various sectors, including transport, water, energy, power distribution and urban development.

The course reflects the content of our new MSc programme, adapted especially for experienced professionals, and commences at UCL on Monday 7th November 2011. It draws on the OMEGA Centre's international research (see overleaf), and is presented by the OMEGA Centre team and leading practitioners from the public and private sectors.

Course Objectives

The course will strengthen participants' capabilities in the successful planning, appraisal and delivery of mega-infrastructure projects. In particular, participants will broaden their knowledge and skills regarding:

- The fundamental question of how mega-projects can be made 'fit for purpose' to meet the challenges of the 21st Century
- The latest tools and techniques for handling risk and uncertainty in major investment decisions
- How national and international agendas for sustainable development can be effectively incorporated in mega-infrastructure projects
- Managing the political, administrative and financial contexts in which mega-projects are undertaken, and responding effectively to stakeholder interests and concerns

Short Course in Mega-Infrastructure Planning, Appraisal and Delivery

UCL, Bloomsbury Campus 7–11 November 2011



Course Outline

The short course in Mega-Infrastructure Planning, Appraisal and Delivery is designed for professionals from a wide range of backgrounds, including planning, engineering, project management, finance, accounting, architecture, construction and urban development.

The course focuses on:

- The fundamental characteristics and types of mega-projects
- Mega-projects as 'agents of change'
- Sustainability challenges (how to implement the international agendas)
- Project funding and financing mechanisms
- Strategic decision-making, and dealing with risk, uncertainty and complexity
- Traditional and new approaches to project appraisal, especially multi-criteria analysis
- The politics of mega-infrastructure project development
- Leadership, management and responding to stakeholders in the project process
- Project monitoring and evaluation



Susquehanna Power Station, Pennsylvania

omega centre

An International Centre of Excellence for the Study of Mega-Projects

The OMEGA Centre was established in the Bartlett School of Planning at UCL in 2006 with support from the Volvo Research and Education Foundation (VREF). It is one of eight global Centres of Excellence, and specialises in the planning and delivery of mega-infrastructure projects.

The Centre has undertaken international research into 30 mega-projects with universities in UK, USA, Germany, France, Japan, Australia, Greece, Netherlands, Hong Kong and Sweden, and is helping to develop a better global understanding of how successful and sustainable mega projects can be delivered in the 21st Century.

The Centre has also recently undertaken research for the UK Institution of Civil Engineers (ICE) and the Actuarial Profession on how to incorporate environmental and social sustainability dimensions in the appraisal of major projects.

Course Details

The first of these short courses will be held between **Monday 7th and Friday 11th November 2011** in UCL's main Bloomsbury campus. The course fee is **£2,500** (and includes lunches and a dinner-reception). Information on local accommodation (not included) is available from the course manager (see below).

Application Process

To apply, applicants should complete an online application form available at the OMEGA Centre website: www.omegacentre.bartlett.ucl.ac.uk

For further information, please contact the Short Course Manager, Philip Wright:

philip.wright@ucl.ac.uk

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The Öresund Road/Rail Project, linking Sweden and Denmark (taken by User:Dpol)