

**International WPNE Workshop
“Project and Logistics Management in Nuclear New Build”**

11 March 2014

NEA Headquarters, Issy les Moulineaux, 7th Floor, Room A & B

9h00-9h30 Welcome and Introduction

- 9h00-9h10 Ron Cameron, Head of the NEA Nuclear Development Division
- 9h10-9h30 Perspectives and Statistics on Nuclear New Build (Jan Horst Keppler and Marco Cometto)
- 9h30-10h00 Technologies and Management Systems that Work: Current Best Practice in Nuclear New Build (John Moore, IAEA)

10h00-12h30 Session 1 – Are Cost Increases in Nuclear New Build Inevitable?

- 10h00-10h30 Nuclear Reactor Construction Costs: The Role of Lead-Time, Standardization and Technological Progress (Michel Berthélemy and Lina Escobar Rangel, École des Mines)

10h30-11h00 Coffee

- 11h00-11h30 Why are Large Construction Projects always over Budget? (Naomi Brookes and Giorgio Locatelli, Mega-project.eu)
- 11h30-12h00 Considerations on Nuclear Construction Costs and Project Organisation (Emeric Jannet, Areva)
- 12h00-12h30 What Is Different about Asia? Factors Explaining Differences in Lead-Times and Budgeting for New Build in Different Regions (Adrien Worker, Nuclear Study Group)

12h30-14h00 Lunch

14h00-15h20 Session 2 – The Evolution of the Global Nuclear Supply Chain

- 14h00-14h20 The World Nuclear Supply Chain: An Overview (Greg Kaser, WNA)
- 14h20-14h50 New Tendencies and Evolution of the Global Nuclear Supply Chain (Chris Savage, Vanbrugh Consulting)
- 14h50-16h20 From Global Logistics Provider to Tier 1 Supplier (Gilles Bonny, Daher Vanatome)

15h20-15h50 Coffee

15h50-17h20 Session 3 – Case Studies

- 15h50-16h20 Experiences with the construction of European Pressurised Reactors (EPR) at Flamanville and Taishan (Valerie Levkov and Philippe Leigne, EDF)
- 16h20-16h40 Case study of the ABWR project at Shimane, Japan (Sang-Baik Kim, OECD/NEA)
- 16h40-17h00 Case study of the AP 1000 project at Summer, NC (Matt Crozat, US DOE)
- 17h00-17h20 Case study of the VVER project at Tianwan, China (Vladimir Sozoniuk, OECD/NEA)

17h20-18h00 Session 4 – Roundtable on Lessons for Future Nuclear New Build Projects

- Participants: Ron Cameron (OECD/NEA), John Moore (IAEA), Matt Crozat (US DOE), Greg Kaser (WNA).

Cocktail