INPRO Dialogue Forum on Nuclear Energy Innovations: Multilateral Approaches to Sustainable Nuclear Energy Development

Session 4
Financing Issues in Multilateral Approaches to Nuclear Energy Development

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Planning and Economic Studies Section
Department of Nuclear Energy
Need for Multilateral Approaches to Nuclear Energy Development
Major Issues for Multilateral Approaches to Nuclear Energy Development

- Technical
- Legal
- Regulatory
- Economic
- Social
- Political
Highly capital intensive

Overnight capital cost quoted for nuclear range from $2 - $9 billion

Gross Domestic Product (GDP) in 2008 billions

60 countries
GDP < $10b

Source: IMF World Economic Outlook, October 2008
NPPs around Austria
Multi-lateral Financing or Multi-lateral Projects

Structure of HUBCO IPP

Multi co-finance private sector project with 9 co-financiers COFACE, JEXIM, MITI, SACE limited recourse financing 15 onshore and 43 offshore banks involved
Financing Issues in Multilateral Approaches to Nuclear Energy Development

Financing Nuclear Projects!

Investors’ viewpoint!
Lenders’ viewpoint!

Risks
Financing Issues in Multilateral Approaches to Nuclear Energy Development

Number of Partners

Uncertainty & Complexity
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<td>14:00</td>
<td>Session 4: Financing Issues in Multilateral Approaches to Nuclear Energy Development</td>
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<td>14:00-14:10</td>
<td>Introduction by Session Chair</td>
<td>I. Jalal</td>
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<td>14:10-14:45</td>
<td>Existing and Emerging Financing Models and Multilateral Nuclear Projects</td>
<td>N. Barkatullah</td>
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<td>14:45-15:30</td>
<td>Financing New Nuclear Power Plants – Opportunities, Challenges and Options for Governments, Sponsors and the Private Markets</td>
<td>M. Scott</td>
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<td>Break</td>
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<td>16:00-17:00</td>
<td>Panel Discussion: Financing Issues in Multilateral Approaches to Nuclear Energy Development</td>
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IAEA...atoms for peace.