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# Synthesis, Messages and the Way Ahead

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# Strengthening of Text

- Policy review in the regional overviews
    - Central Asia regional overview
  - Economic analysis of the technologies
  - Analysis of market based financing mechanisms
  - Country Case Studies
  - Recommendations
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# Country Case Studies (Approach)

- The focus of the country case studies (experiences of the major energy consumers in the region)
    - Document select successes/failures of programs/policies
    - Analyse framework conditions allowing these to be operationalized
    - Delve into details to understand the underlying principles and drivers
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# Suggested Case Studies

- China – DDG development
  - China – Zero emission approach???
  - China – Energy Efficiency/Wind??
  - Comparison between China and India solar water heating program and the learning
  - India – Energy efficiency in the SME sector
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# Suggested Case Studies

- India – MNRE solar program (1-10MW)
    - Analysis of factors that hampered its implementation
  - Tracing factors that led to success of the wind sector in India, with a focus on Suzlon Energy
  - Indonesia – CFL/Bio Fuels?/ Natural gas?
  - Thailand – Energy efficiency program
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# International Experience

- US/EU – Grid connected Renewable energy
- The Japanese story
- South Korea Approach



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# Particular emphasis

- Hydro power development challenges
  - Role of domestic manufacturing capacity
  - Regional cooperation
  - Capacity Building
  - Economic cost analysis of significant RE&EE technologies (With Illustrative application on financial costs in one location)
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# Key Messages Emerging

- Climate change is placing additional challenges on energy security of DMCs in the region
  - Supporting sustainable energy growth – through access to clean energy and energy efficiency interventions – in developing countries is essential for climate protection.
  - The Asia Pacific region, in particular the developing countries of the region, have taken several steps to direct their development path along lower carbon pathways
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# Key Messages Emerging

- Mechanisms to enhance the capacity for technology absorption by developing countries need to be defined.
  - In order to promote technology transfer, major barriers, particularly IPR and finance related issues need to be addressed.
  - Energy efficiency and clean energy may require significant changes in the financial sector as well as in overall policy environment not only within the country/region but globally
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# Key Messages Emerging

- International facilitative mechanisms, such as the CDM, have found a good response in the region with effective conversion into policy. However, these mechanisms need to be strengthened and streamlined for a more effective impact.
  - Programmatic CDM based approach with a conducive policy environment is more effective than project based CDM.
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# Key Messages Emerging

- The potential for intra-regional technology cooperation and learning is significant and is critical for addressing climate change as well as energy security in the region.
  - Financial sector policies or banking practices would need to be more sensitive to RE&EE initiatives.
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