CASE STUDIES

The case studies in the Annex have been prepared from the original material as submitted for publication and have not been edited by the editorial staff of the IAEA. The case studies remain true to the original reports submitted by the Member State.

Annex I	Assessment of Impact of Fuel Cycle Back End Options on Levelized Unit Electricity Cost of Produced Electricity based on Nuclear Fuel Cycle in Armenia
Annex II	Comparative Assessment of Collaborative Fuel Cycle Options for Indonesia
Annex III	Economic Value of Uranium Recovered from LWR Spent Fuel as Fuel for HWRs
Annex IV	'EU27 Scenario' with the Extended Use of the Regional Fuel Cycle Centre Composed of the La Hague and MELOX Facilities
Annex V	National Romanian Scenarios with Reliance on Domestic and Imported U/Fuel Supply, by Considering Regional Collaboration in Nuclear Fuel Cycle and including Economic Analysis
Annex VI	National Argentinean Scenario with Cooperation Options
Annex VII	Evaluation of National Nuclear Energy Systems based on Plutonium Cycle with the Introduction of a Number of Fast Reactors
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Annex IX	Adria Study Inputs and Detailed Results
Annex X	Primary Analysis on the Nuclear Energy Development Scenario based on the U–Pu Multi- recycling in China
Annex XI	Long Term Scenario Study for Nuclear Fuel Cycle in Japan
Annex XII	Modelling of Regional Collaborative Deployment Scenarios Aimed at Solving the Problem of Spent Nuclear Fuel Inventory Accumulation
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Annex XIV	Sensitivity Analysis of Synergistic Collaborative Scenarios Towards Sustainable Nuclear Energy Systems
Annex XV	Study on Sensitivity Analysis of the Shares of NG1/NG2 Country Groups in GAINS Scenarios
Annex XVI	Evaluation of a Scenario of Transition to Th/233U Fuel Cycle
Annex XVII	Comparative Economic Analysis of Selected Synergistic and Non-synergistic GAINS Scenarios
Annex XVIII	Alternative Deployment Strategy of Fast Reactors Startup on Enriched Uranium Fuel
Annex XIX	Alternative Fast Reactor Deployment Scenarios for a Transition to Sustainable Nuclear Energy System (²³⁵ U Load Versus U–Pu First Load)
Annex XX	Analysis of ALWR based Scenario
Annex XXI	Homogeneous and Heterogeneous World Scenarios with VVER-S, SMR and HTR, including Non-electrical Applications

- Annex XXII Scenarios with Replacement of Existing Heat Generation
- Annex XXIII A French Study on Radioactive Waste Transmutation Options
- Annex XXIV EC-FP7 ARCAS: Technical and Economical Comparison of Fast Reactors and Accelerator Driven Systems for Transmutation of Minor Actinides
- Annex XXV Analysis of Advanced European Scenarios including Transmutation and Economical Estimates
- Annex XXVI Studies of Minor Actinides Transmutation in Sodium Cooled Fast Reactor
- Annex XXVII A Reactor Synergy: Using HWRS to Transmute Americium from LWR Spent Fuel