IAEA
International Atomic Energy Agency
Atoms for Peace and Development

Order form

ISBN	Title	Language	Copies	Price (€)
	Total*			

* Prices do not include shipping and handling and are subject to change. All shipments are normally sent via non-priority mail.

Name _____

Full address _____

_____

Tel _____ Fax _____ Email _____

Payment by ☐ Mastercard ☐ Visa

Expiry date: _____

☐ Please send me a catalogue of IAEA publications.

☐ I do not wish to receive information on related IAEA publications.

To order your copies, please visit:
www.eurospanbookstore.com/iaea (Free delivery worldwide when ordering through this web site)

Or send your order to:
Eurospan Group, 127 Clerkenwell Road, London EC1R 5DB, Email: eurospan@turpin-distribution.com

For more information on IAEA publications: Marketing and Sales Unit, International Atomic Energy Agency, Vienna International Centre, PO Box 100, 1400 Vienna, Austria, Tel: +43 1 2600 22529/30, Fax: +43 1 26007 22529, Email: sales.publications@iaea.org www.iaea.org/publications

20-02023E

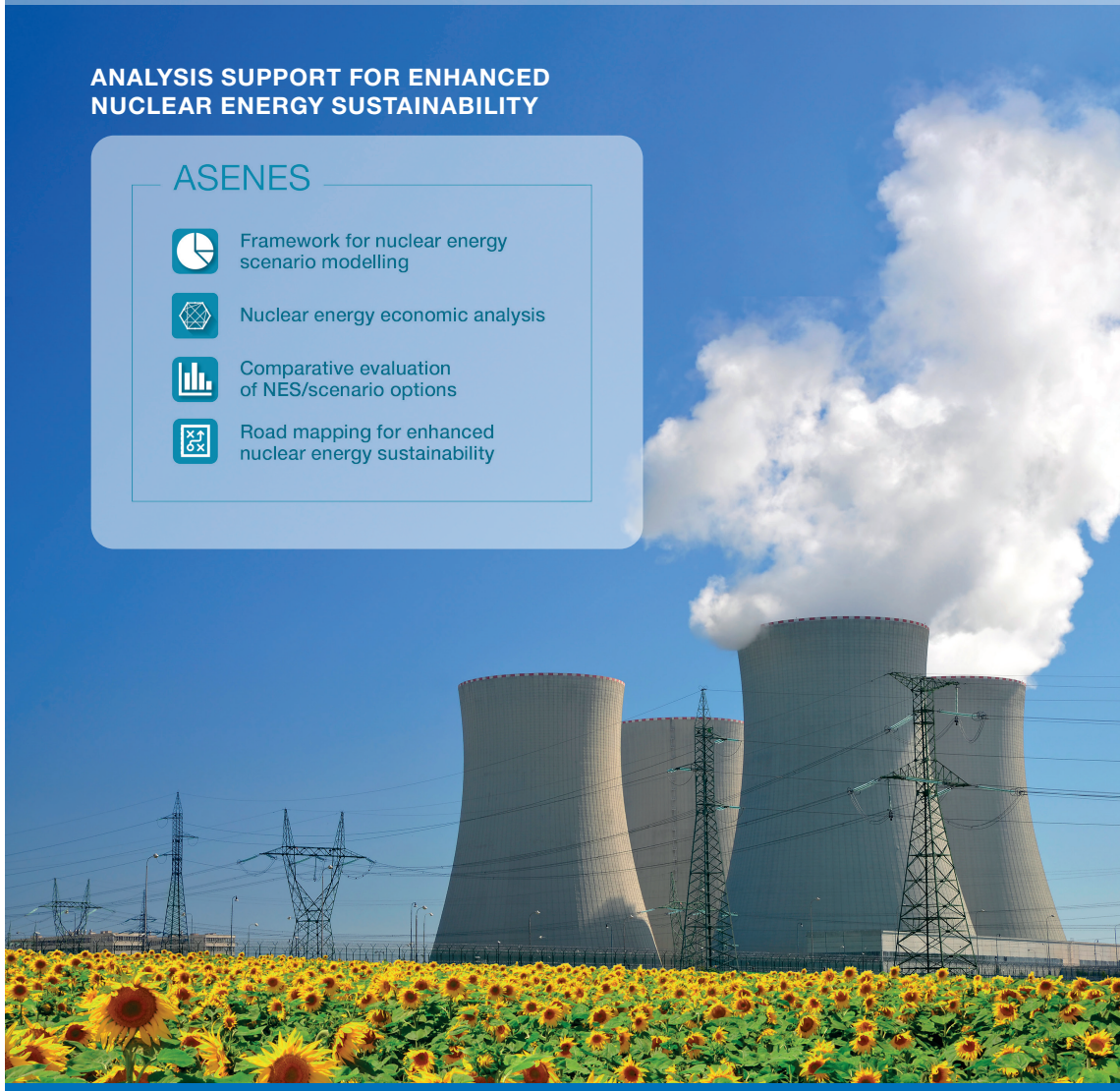
INPRO publications

ANALYSIS

ANALYSIS SUPPORT FOR ENHANCED NUCLEAR ENERGY SUSTAINABILITY

ASENES

- Framework for nuclear energy scenario modelling
- Nuclear energy economic analysis
- Comparative evaluation of NES/scenario options
- Road mapping for enhanced nuclear energy sustainability



IAEA
International Atomic Energy Agency
Atoms for Peace and Development

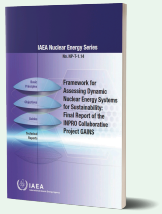
www.iaea.org/publications

“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs”.[1]

[1]The United Nations World Commission on Environment and Development

The concept of sustainable development embraces all environmentally sensitive areas of human activity, including different types of energy production. Sustainable development in nuclear energy focuses on solving key institutional and technological issues including nuclear accident risks, health and environment risks, proliferation risks, economic competitiveness, radioactive waste disposal, sufficiency of institutions and public acceptability. Multiple options exist to ensure sustainable development of nuclear energy through both, innovations in nuclear energy technology and collaboration among countries facilitating the whole achieving more than the parts. The IAEA has developed an analytical framework and tools to model, analyse and compare nuclear energy systems and scenarios with different reactor and fuel cycle options in various countries allowing them to consider nuclear trade among countries in any front-end or back-end fuel cycle stages. The framework, methods and tools are currently being offered as an integrated INPRO service to Member States titled “Analysis support for enhanced nuclear energy sustainability” (ASENES).

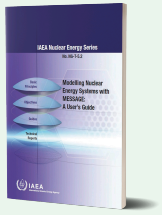
Publications



Framework for Assessing Dynamic Nuclear Energy Systems for Sustainability: Final Report of the INPRO Collaborative Project GAINS

IAEA Nuclear Energy Series No. NP-T-1.14

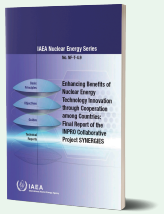
(253 pp., 233 figs; 2013) ● ISBN 978-92-0-140410-7 ● STI/PUB/1598 ● €40.00



Modelling Nuclear Energy Systems with MESSAGE: A User's Guide

IAEA Nuclear Energy Series No. NG-T-5.2

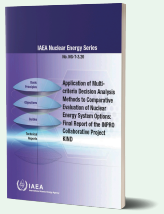
(126 pp., 110 figs; 2016) ● ISBN 978-92-0-109715-6 ● STI/PUB/1718 ● €39.00



Enhancing Benefits of Nuclear Energy Technology Innovation through Cooperation among Countries: Final Report of the INPRO Collaborative Project SYNERGIES

IAEA Nuclear Energy Series No. NF-T-4.9

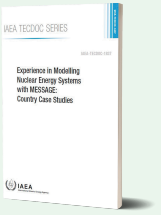
(341 pp., 227 figs; 2018) ● ISBN 978-92-0-101118-3 ● STI/PUB/1807 ● €66.00



Application of Multi-criteria Decision Analysis Methods to Comparative Evaluation of Nuclear Energy System Options: Final Report of the INPRO Collaborative Project KIND

IAEA Nuclear Energy Series No. NG-T-3.20

(229 pp., 162 figs; 2019) ● ISBN 978-92-0-102319-3 ● STI/PUB/1853 ● €58.00



Experience in Modelling Nuclear Energy Systems with MESSAGE: Country Case Studies

IAEA-TECDOC-1837

(280 pp., 238 figs; 2018) ● ISBN 978-92-0-109417-9 ● IAEA-TECDOC-1837 ● €18.00

News

Scenario Analysis and Decision Support for Planning Enhanced Nuclear Energy Sustainability: An INPRO Service to Member States

IAEA Nuclear Energy Series No. NG-T-3.21

(Forthcoming)

Developing Roadmaps to Enhance Nuclear Energy Sustainability: Final Report of the INPRO Collaborative Project ROADMAPS

IAEA Nuclear Energy Series No. NG-T-3.22

(Forthcoming)

IAEA e-learning course

Analysis Support for Enhanced Nuclear Energy Sustainability

https://elearning.iaea.org