



Mikhail Chudakov

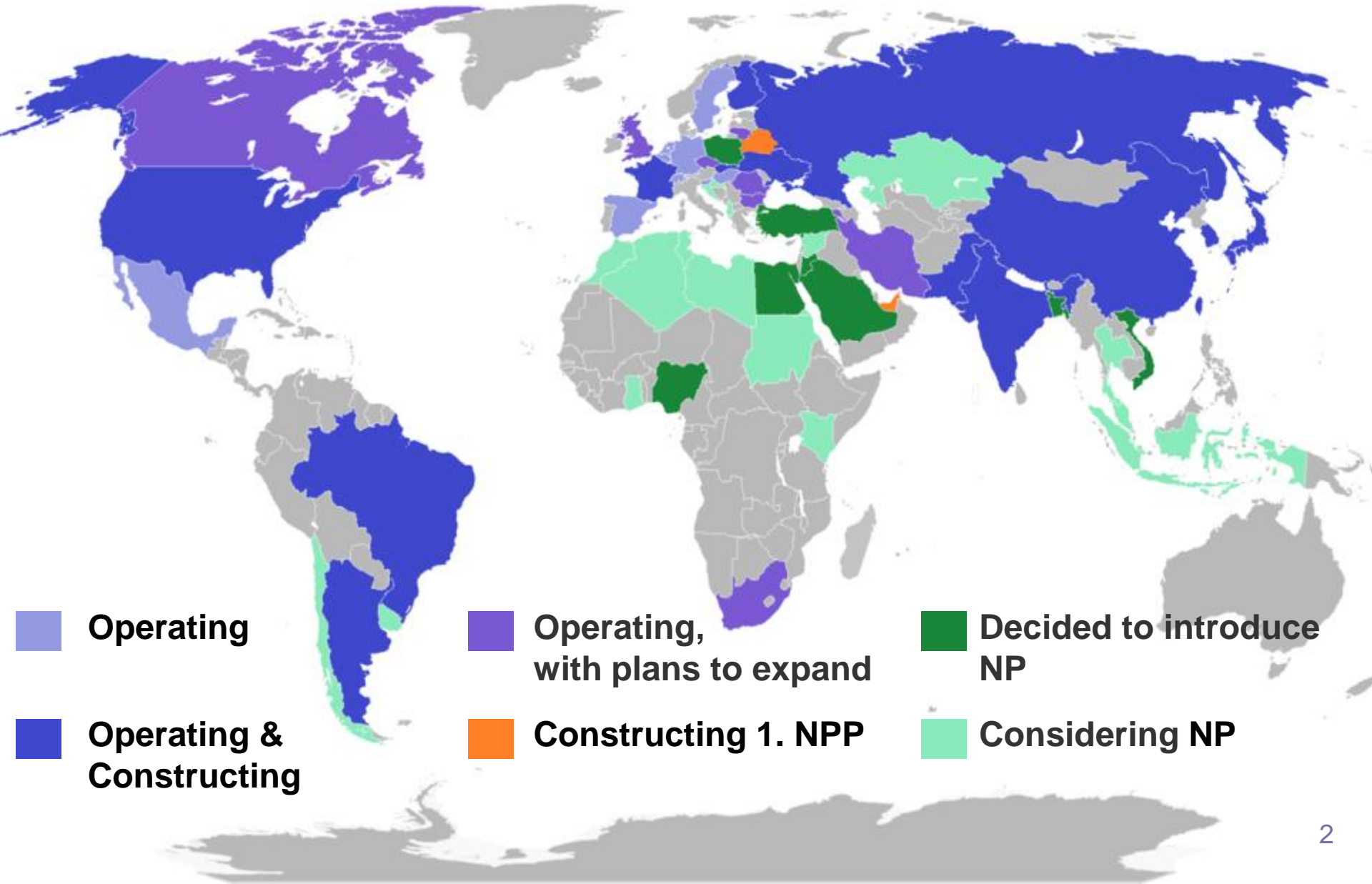
Deputy Director General

Head of the Department of Nuclear Energy

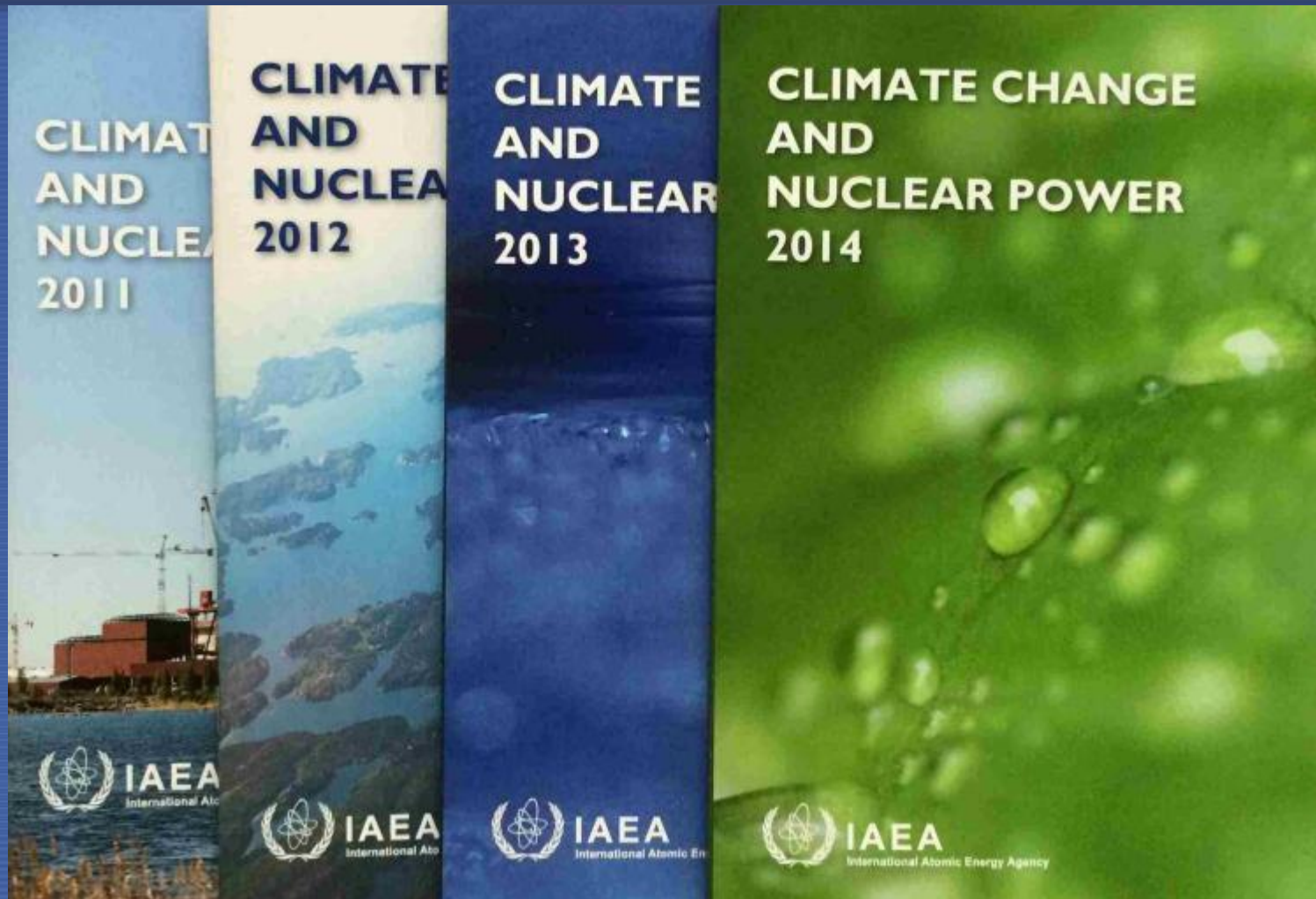
International Atomic Energy Agency



Newcomers & Expansion

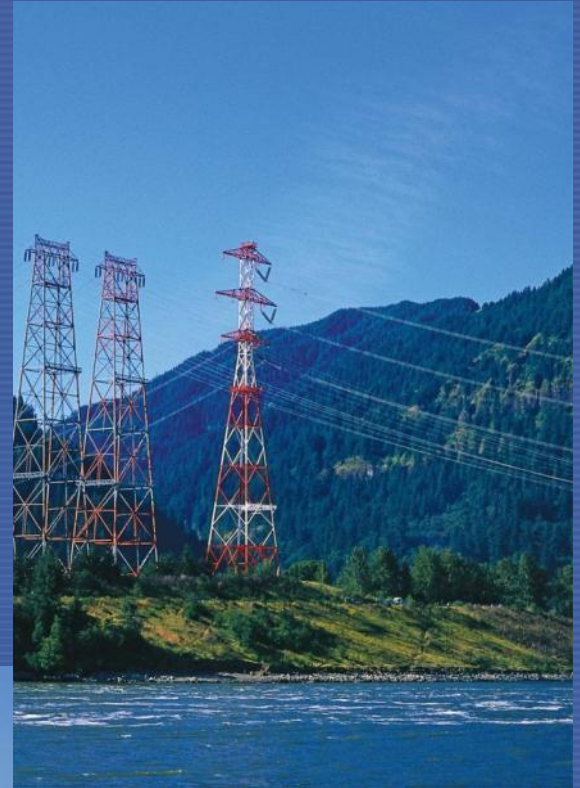


Climate Change



IAEA Statute

“...accelerate & enlarge
contribution of atomic energy
to peace, health and
prosperity...”



IAEA Assistance to Newcomers

MILESTONE 1

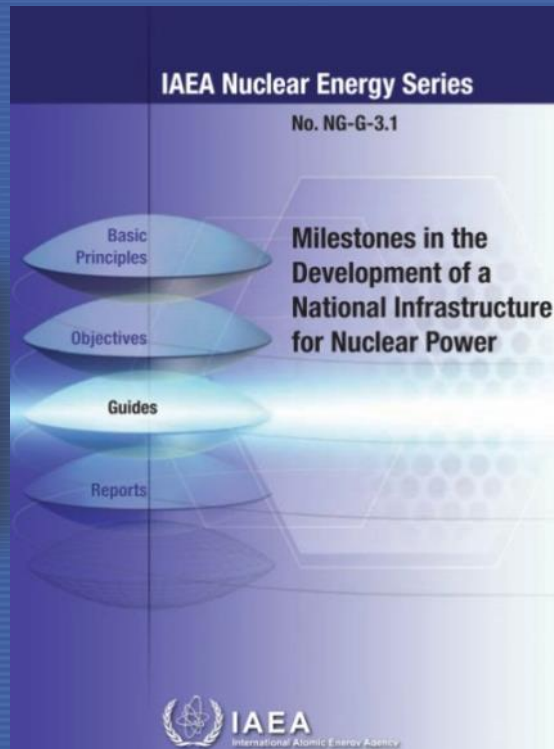
Ready to make a knowledgeable commitment to a nuclear programme

MILESTONE 2

Ready to invite bids for the first nuclear power plant

MILESTONE 3

Ready to commission and operate the first nuclear power plant



Nuclear Energy System (NES) Strategic Planning: 3 linked Parts



*Sustainability
questions*

National Energy Planning:
How does **nuclear energy** fit
into the national energy mix?

Nuclear Energy System
(NES) modelling and the
'GAINS Framework': How
do we get from **here** to
there and **beyond**?

Nuclear Energy System
Assessment (NESA):
INPRO Methodology of
sustainability assessment
What are the **gaps**?

IAEA Fuel Bank: Transit Agreement



Fukushima lessons

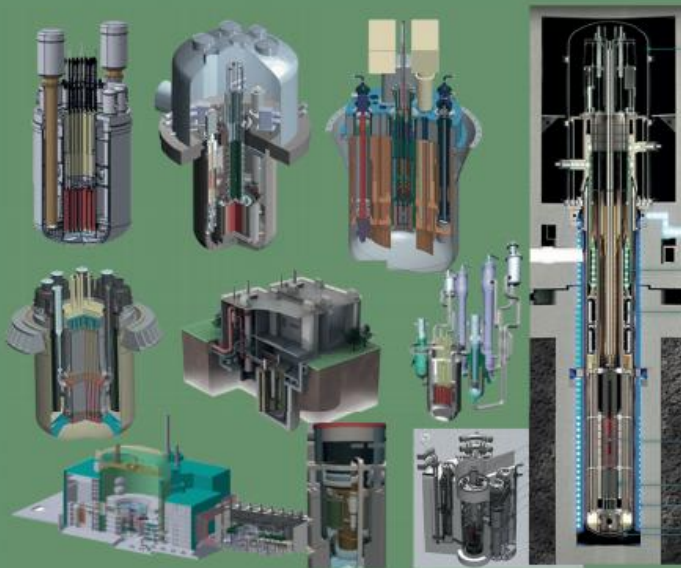


SMRs, Innovative reactors & fuel

STATUS OF INNOVATIVE FAST REACTOR DESIGNS AND CONCEPTS

A Supplement to the IAEA Advanced Reactors Information System (ARIS)

<http://aris.iaea.org>



Nuclear Power Technology Development Section
Division of Nuclear Power – Department of Nuclear Energy

Advances in Small Modular Reactor Technology Developments

A Supplement to:
IAEA Advanced Reactors Information System (ARIS)



Knowledge Management





***...atoms for peace
at your service...***



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www.iaea.org/nuclearenergy¹²