



ROSATOM

STATE ATOMIC ENERGY CORPORATION "ROSATOM"

Rosatom Global Development, International Cooperation Perspective

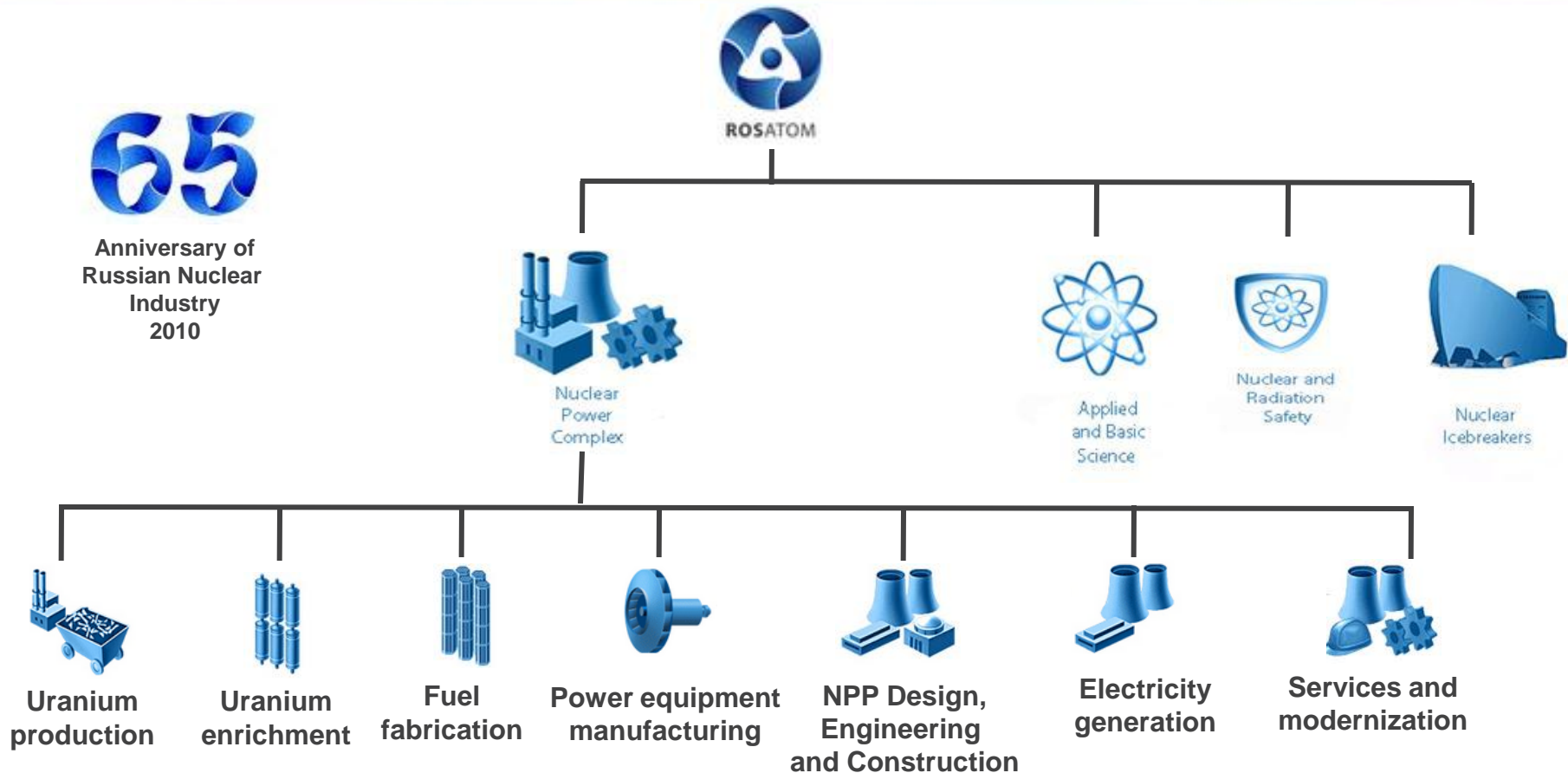
Alexey Kalinin
Head of International Business Department
Rosatom

25-26 October, 2011

Fully Integrated Nuclear Technology Company

65

Anniversary of
Russian Nuclear
Industry
2010



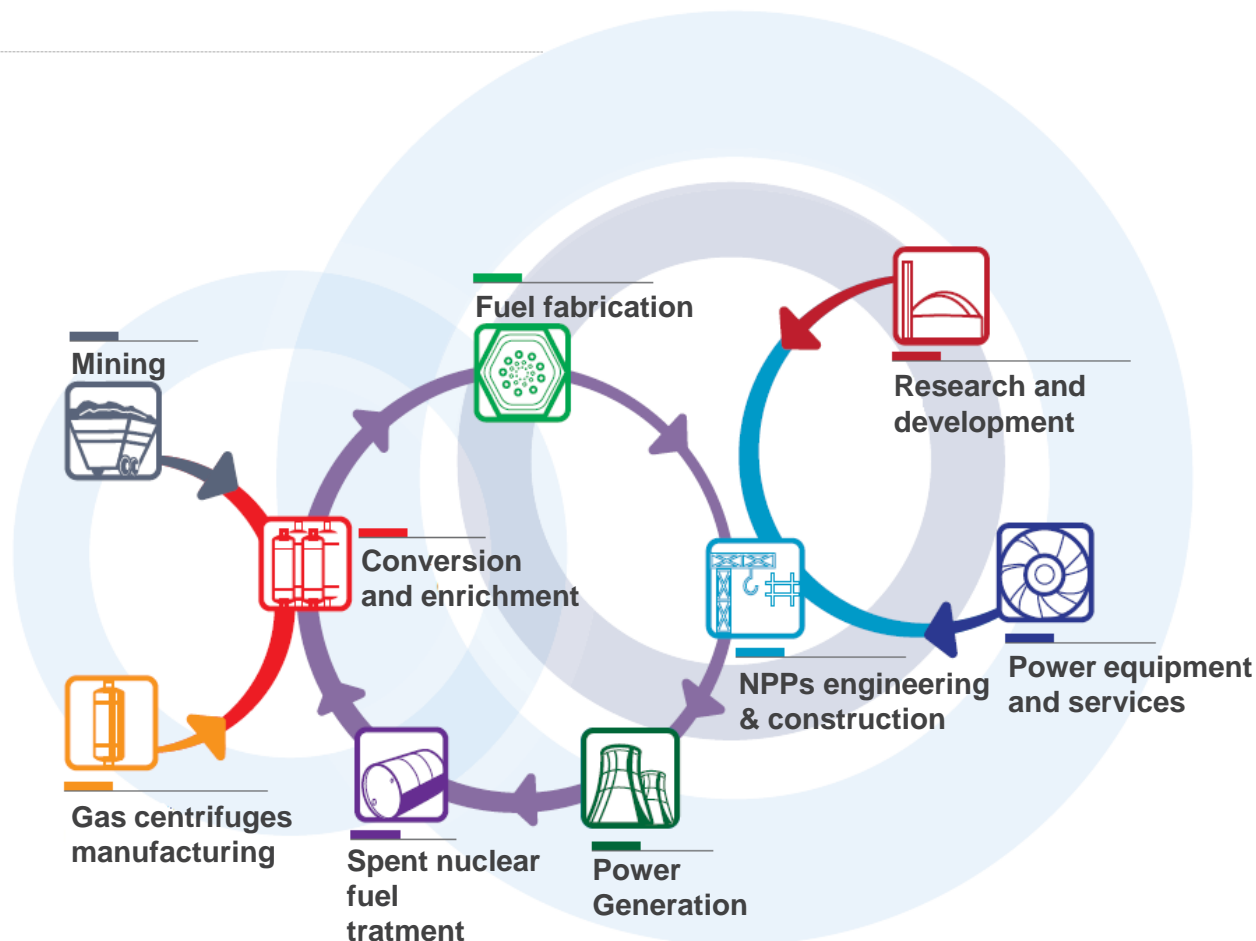
Rosatom offers complete solution from uranium supplies to NPP construction operation and decommissioning

ROSATOM Operations

Guaranteed supply
of complete life-cycle products
and services

Flexible capabilities
of NPP supply from
components and services to
turn-key and BOO projects

Being a state corporation
Rosatom is taking advantage
of unique industry
**access to privilege
resources**



Key Figures - 2010



29 nuclear units

Simultaneous implementation



79,3%

High-tech products share in revenue

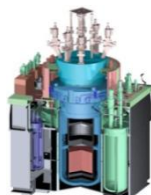
\$18bln

Revenue



275 000 people

Number of employees



\$200 mln

R&D investment

\$2bln

Net income

Rosatom Global Operations

#1 in key segments

5 continents. More than 40 countries.

#1

in uranium deposits

#1

in uranium enrichment

#1

in new NPPs construction

#1

Russian electricity generation company, 24,2 GWe installed capacity



Nuclear Innovation – Variety of Applications

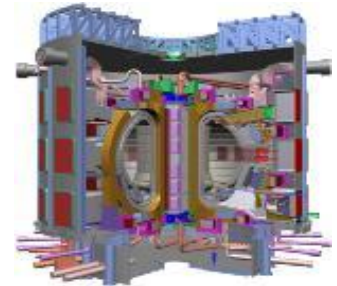


Nuclear Icebreaker Fleet

- #1 nuclear fleet in the world
- Assures stable functioning of Northern Sea Route

Fast Reactors (Gen IV)

- #1 fast neutron reactor in the world
- #1 operating fast neutron reactor in the world
- Broad development programme



Small and Medium Size Reactors

- Variety of different designs with referent parameters
- #1 floating NPP in the world is being built
- #1 successful public-private partnership for developing SMR

Nuclear Medicine

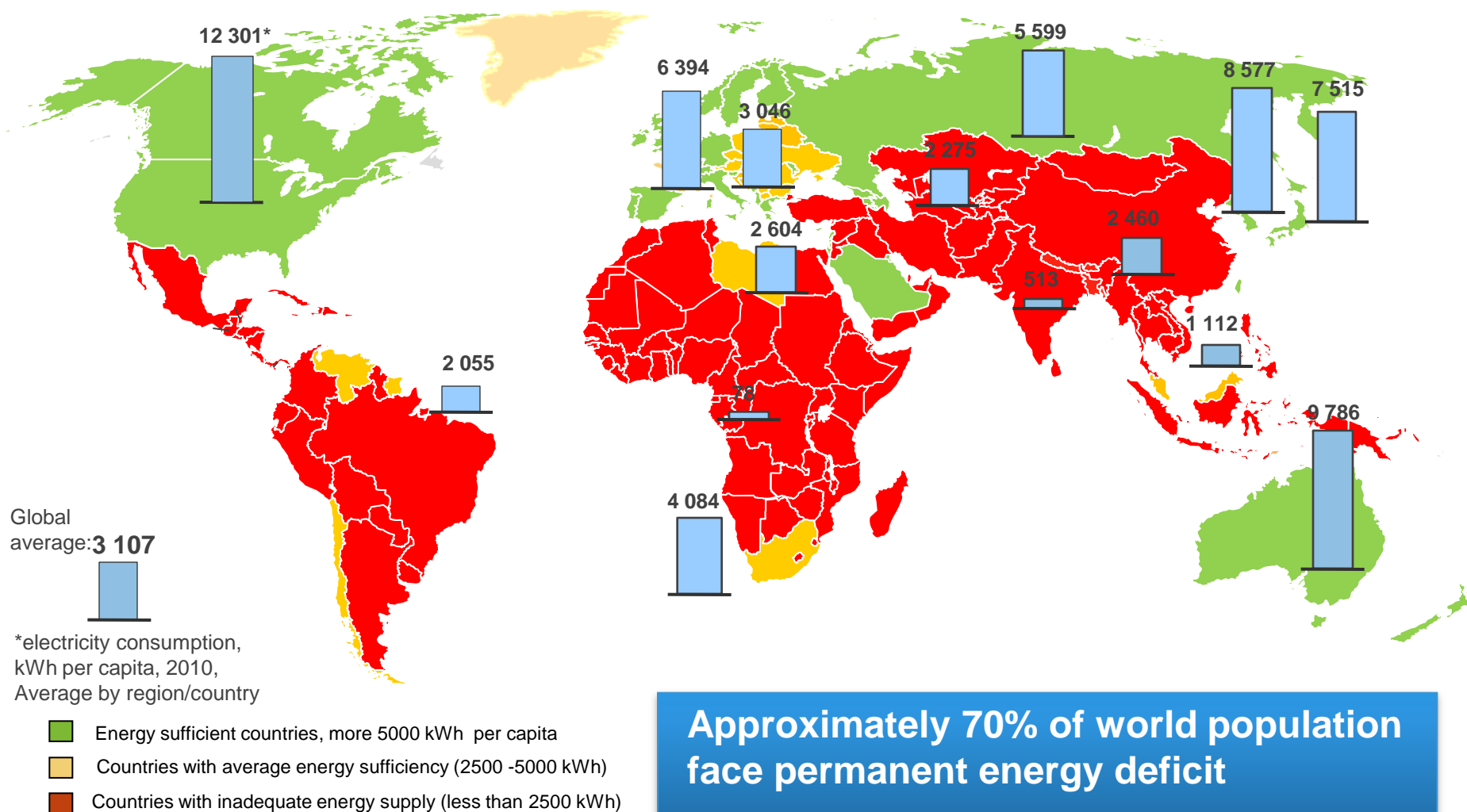
- Isotope production (curable 2 kinds of cancer, earlier diagnostic)
 - Cyclotrons
 - RFP laboratory



Rosatom in 2020



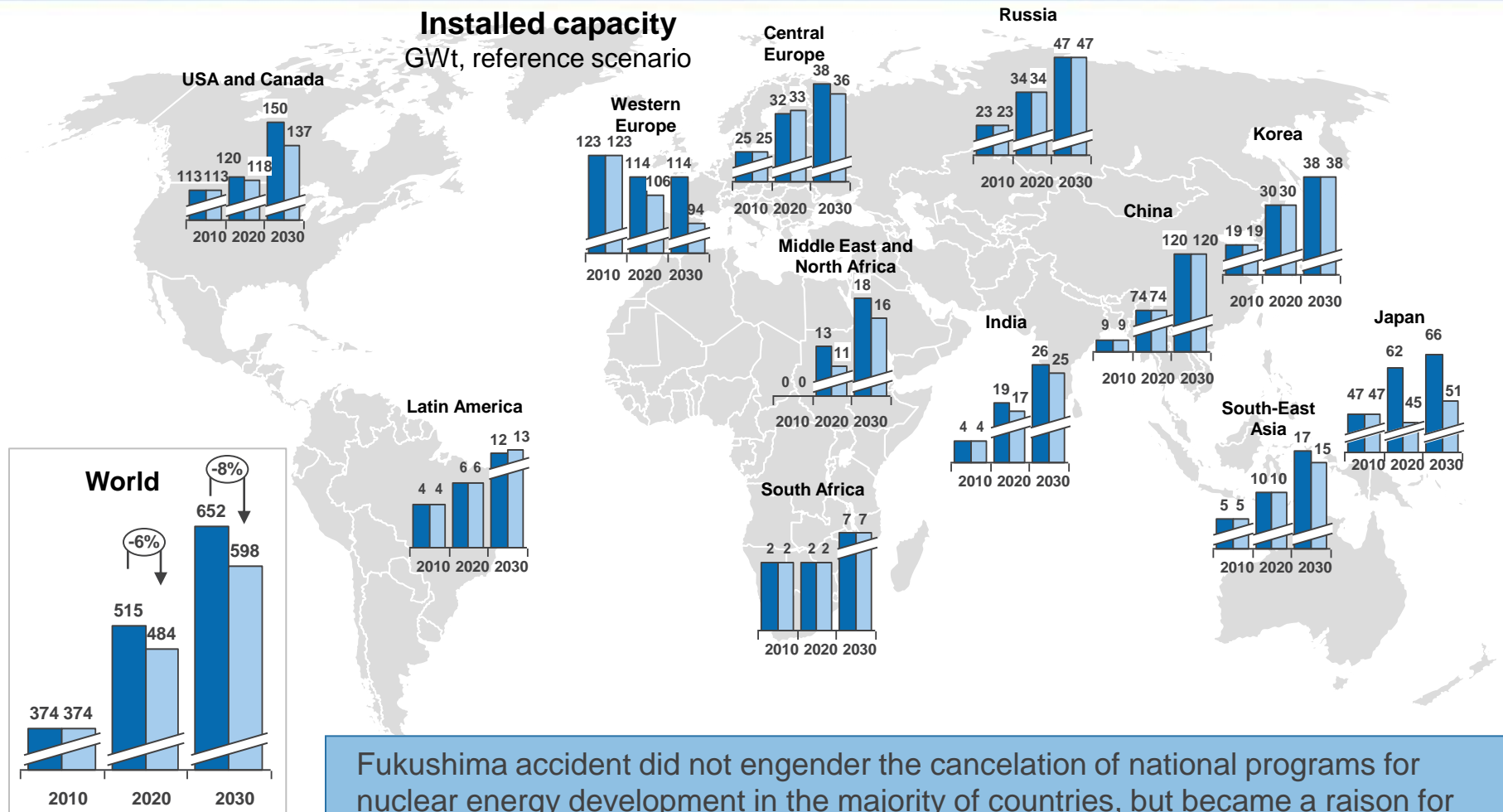
The majority of world population faces the electricity shortage



Approximately 70% of world population face permanent energy deficit

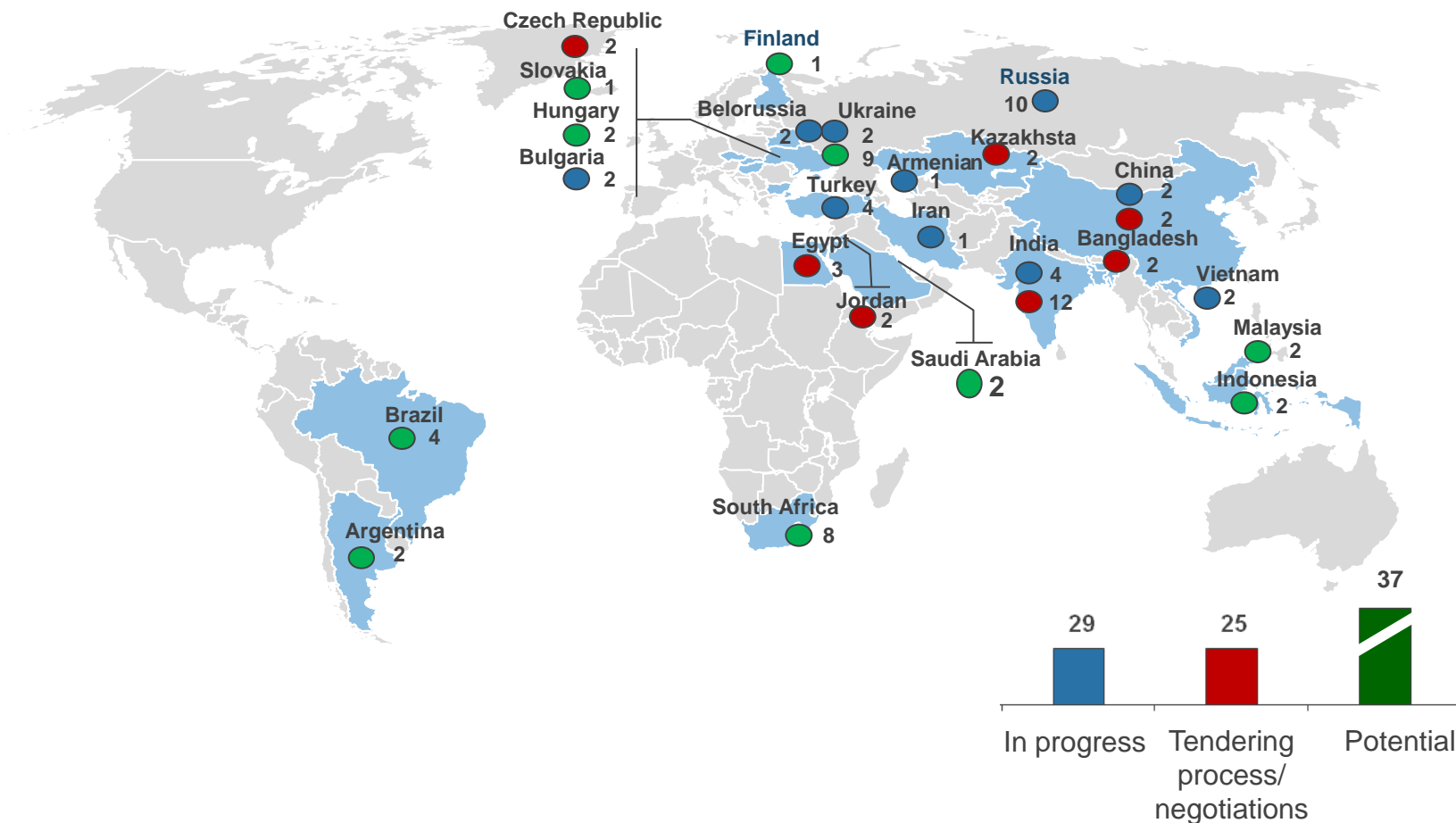
Despite the tragic Fukushima accident nuclear energy is expected to grow further

Installed capacity GВт, reference scenario



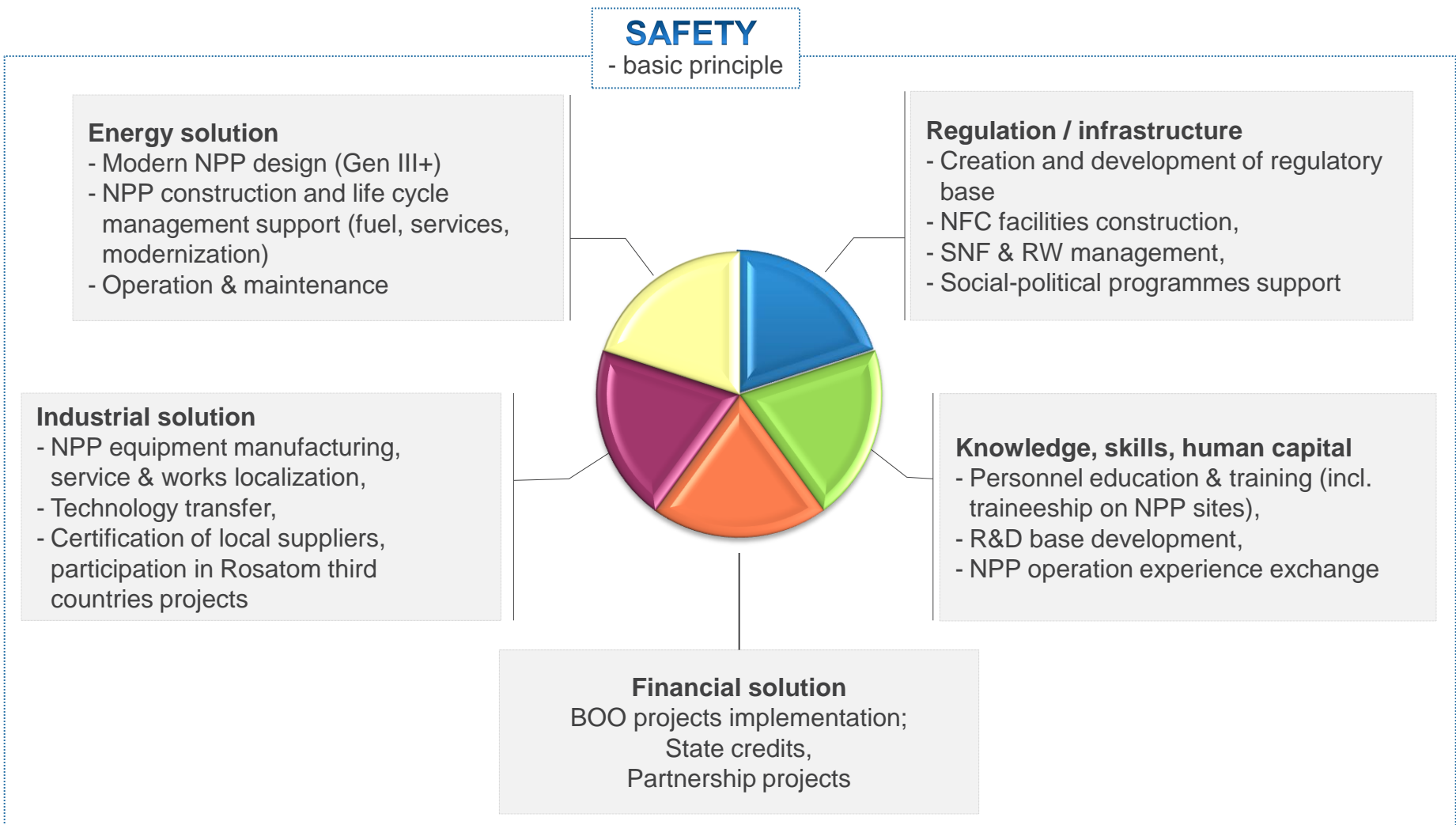
Fukushima accident did not engender the cancelation of national programs for nuclear energy development in the majority of countries, but became a raison for temporarily halt in clearance of some new construction sites. The review of safety requirements and prolongation of licensing terms are the main reasons of that.

Rosatom safe and mature VVER technology is highly welcomed worldwide...



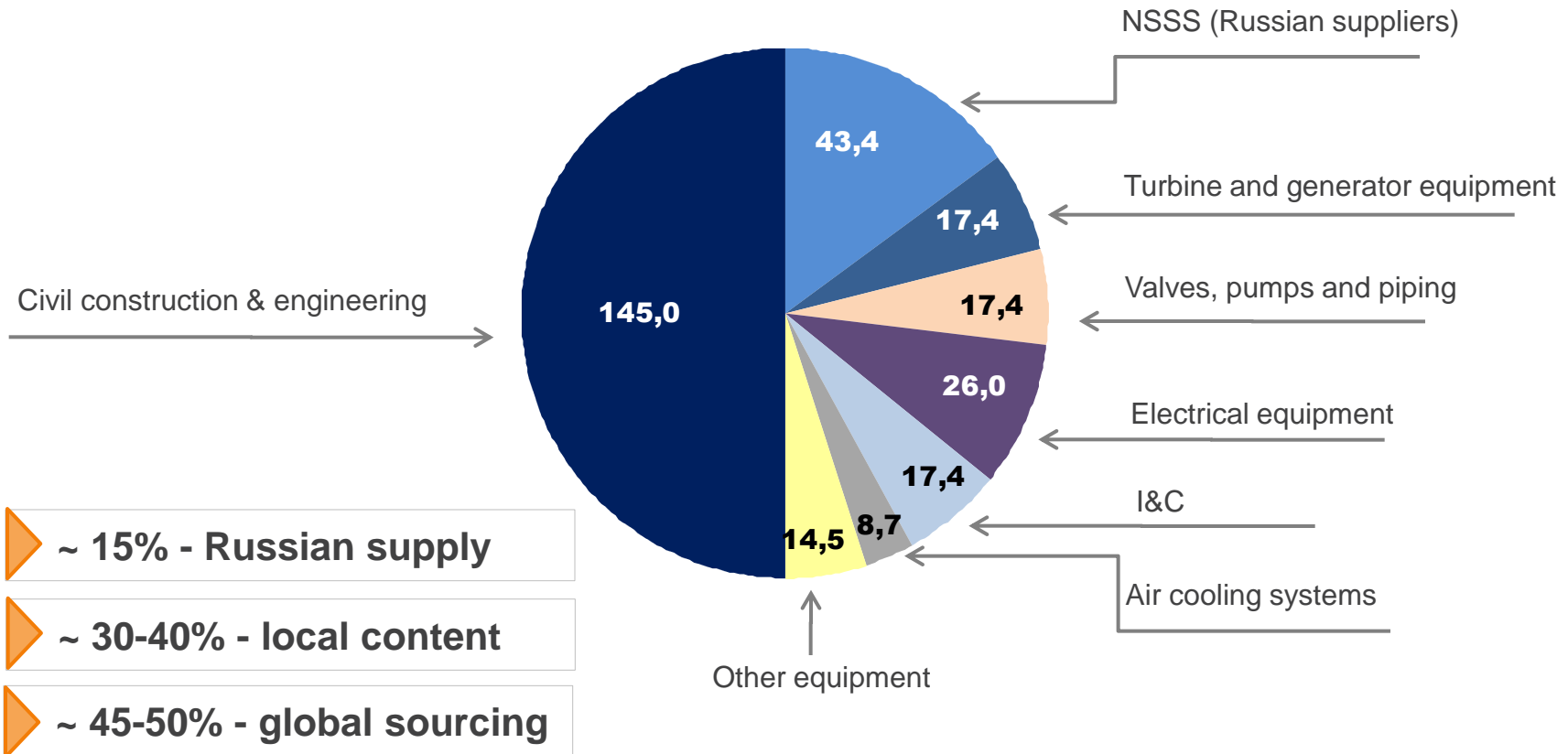
Rosatom NPP construction perspective backlog – more than 80 units

... being a part of Rosatom unique integrated NPP construction solution



Order volume for NPP construction for Rosatom global projects

Orders volume for 2011-2030 ≈ \$290 bln.



Rosatom needs to re-invent its global supply chain

Design of the Forum

Day 1

- 1** World market and technology overview
- 2** Roles of Rosatom companies and their perspectives on International cooperation
- 3** Practical experience of cooperation sharing
- 4** Case studies and opportunities on particular Rosatom projects

Day 2

- 5** Comprehensive overview of Rosatom purchasing policy, procedures and requirements
- 6** Suppliers introduction

The forum venue

Why Prague?

- Heart of Central Europe
- Wide experience of joint success
- Close cultures, languages, values
- Common technological base



It's not about the past – it's about the future

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