



ROSATOM

STATE ATOMIC ENERGY CORPORATION "ROSATOM"

## **Approach to Suppliers' Selection**

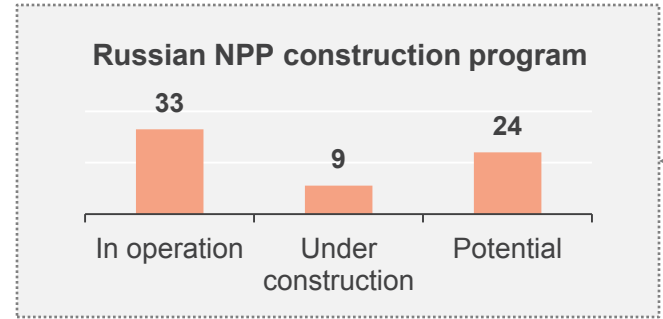
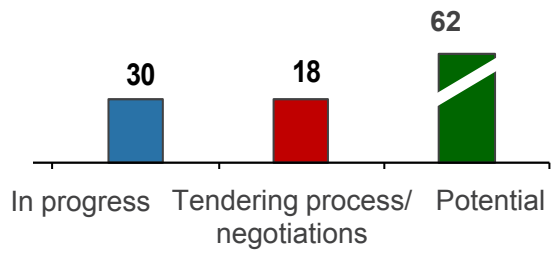
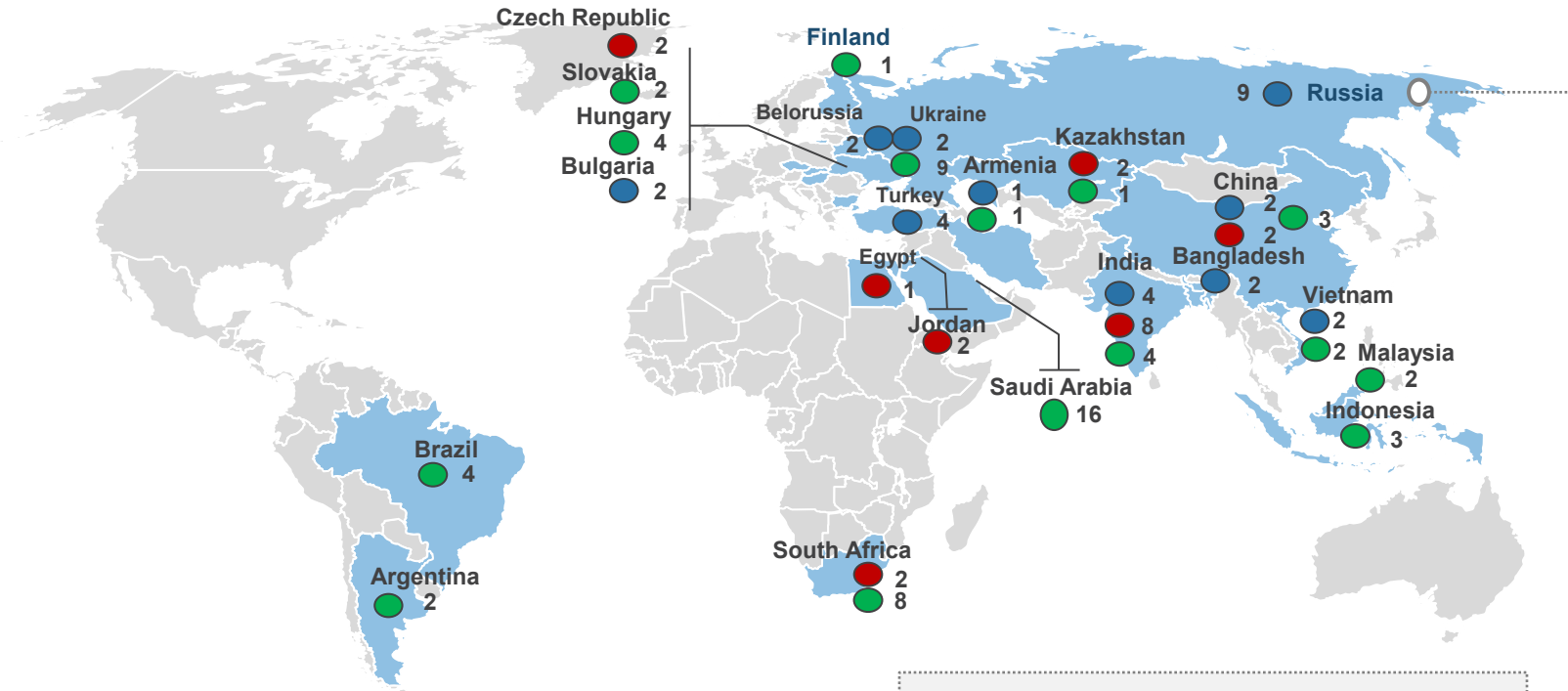
*Russian Nuclear Technologies & Solutions Seminar*

***Ivo Kouklík***  
***Vice-President, Rusatom Overseas***

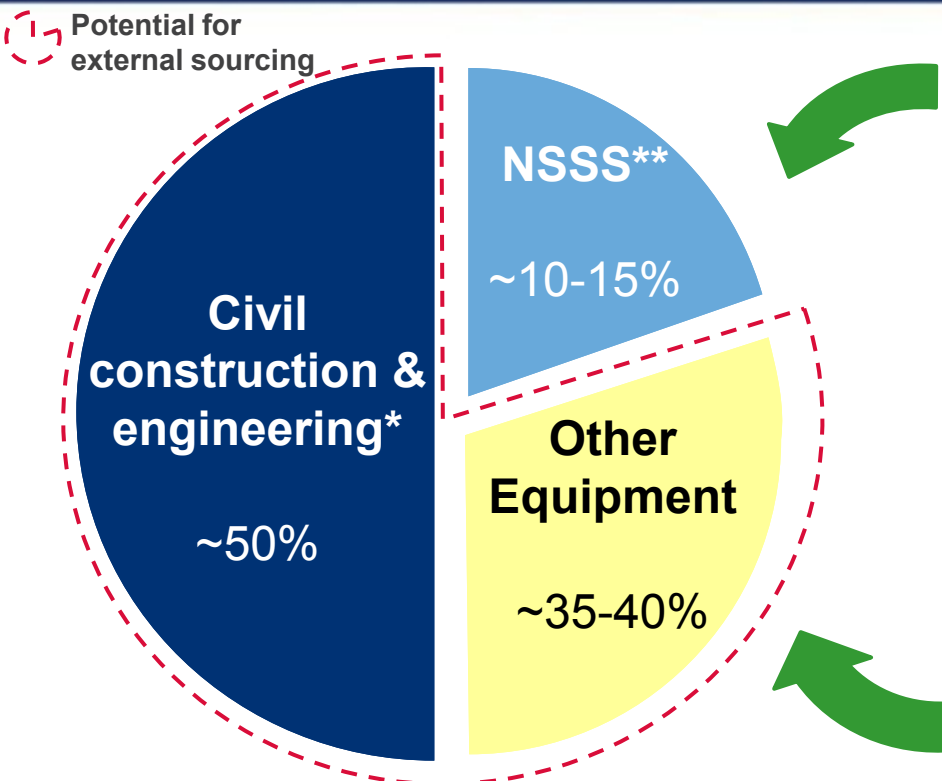
**April 2-3, 2012**  
**Johannesburg, Sandton Convention Center**

# Rosatom global presence and perspectives

## Rosatom NPP construction perspective backlog – more than 80 units



# Construction of a nuclear power plant brings numerous opportunities to the local suppliers



## Exclusive Russian supply



## Examples of realized supplies

- Valves, pumps and piping (6%)
- Other equipment (5%)
- Air cooling systems (3%)
- Turbine and generator equipment (6%)
- Electrical equipment (9%)
- I&C (6%)

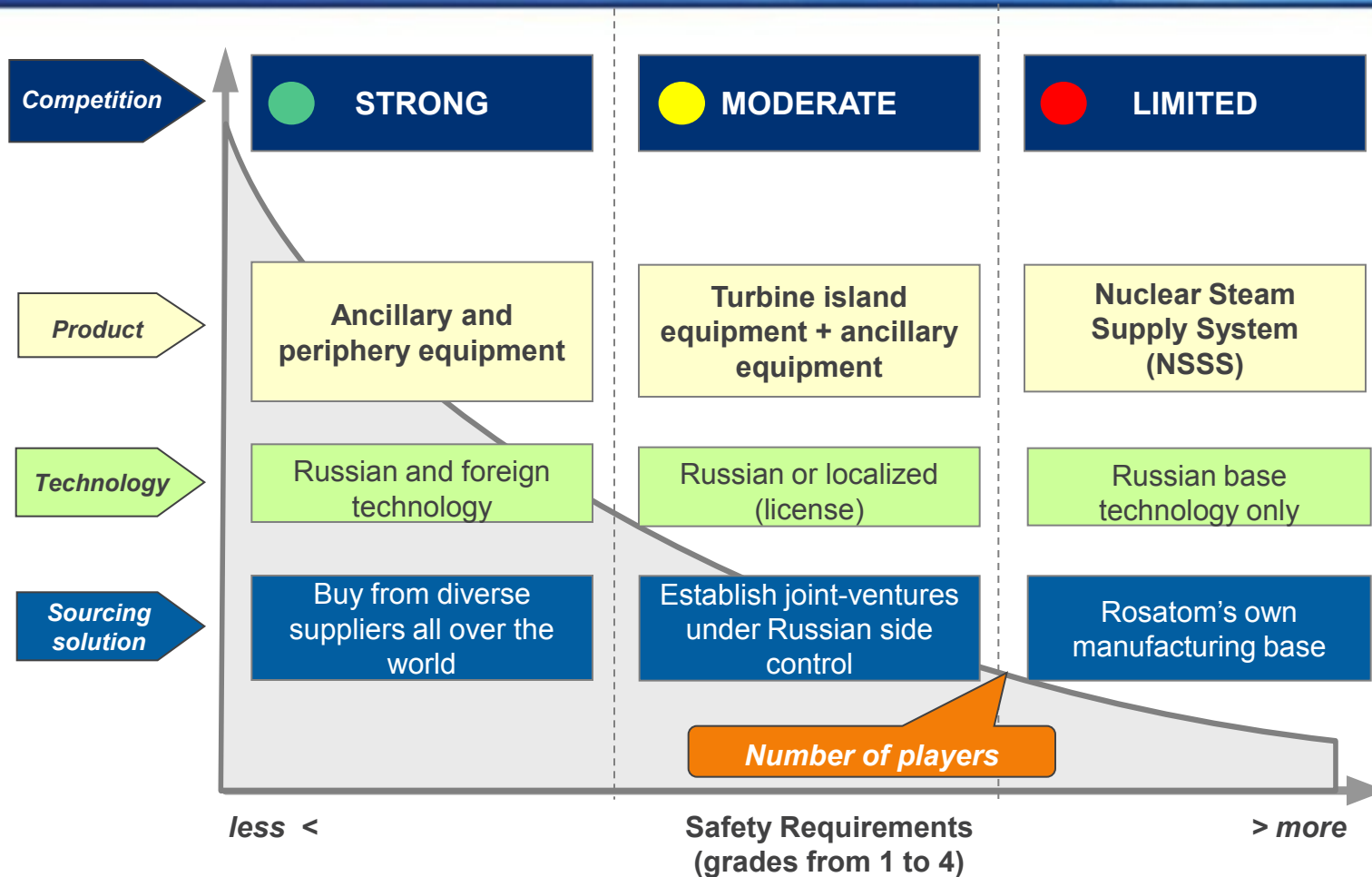
### Examples of project

Project	Country	Capacity	Cost
Akkuyu 1-4	Turkey	4 x 1200 MW	20 bil. USD

Rosatom is ready for and has extensive experience in localizing production for new NPP projects

\* Including design, project management, erection and commissioning works, training , etc.  
 \*\*Nuclear steam supply system

# Safety requirements split equipment and service providers into several groups



**Following the Fukushima accident safety requirements will be addressed with increased attention and scrutiny**

# Rosatom process for suppliers qualification

1

**Request for Information (RFI)**

- See next slide for qualification criteria

2

**Responses**

- Processing takes ~1month

3

**Evaluation Audit of Supplier**

- Audit plan is sent to the supplier beforehand
- Supplier is to confirm readiness for start of audit

4

**Audit Report and Corrective Action Plan**

- Evaluation of current state and identification of improvement needed to meet requirements

5

**Issuance of «Approved Supplier Certificate»**

- Certificate gives the right to participate in Rosatom projects worldwide

**Rosatom will provide support for potential suppliers alongside each step of the process**

# Suppliers qualification criteria

## STATUTORY DOCUMENTS

- Legal documents
- Licenses and permits (including those for nuclear application)

## PRODUCTS & TECHNOLOGY

- Product lines and assortment
- Production equipment parameters
- Production and engineering capabilities (facilities, personnel, etc.)
- Project management capabilities

## SAFETY and QUALITY

- References
- Certifications
- Compliance with IAEA safety standards
- Scope of developed technical accompanying documentation
- Reports
- Warranty and after sales service

## SPECIFIC FACTORS

- Technology transfer experience
- Financing ability



**Thank You for Your Attention!**

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