

IUEC
International Uranium
Enrichment Center

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Practical implementation of Multilateral Nuclear Approach

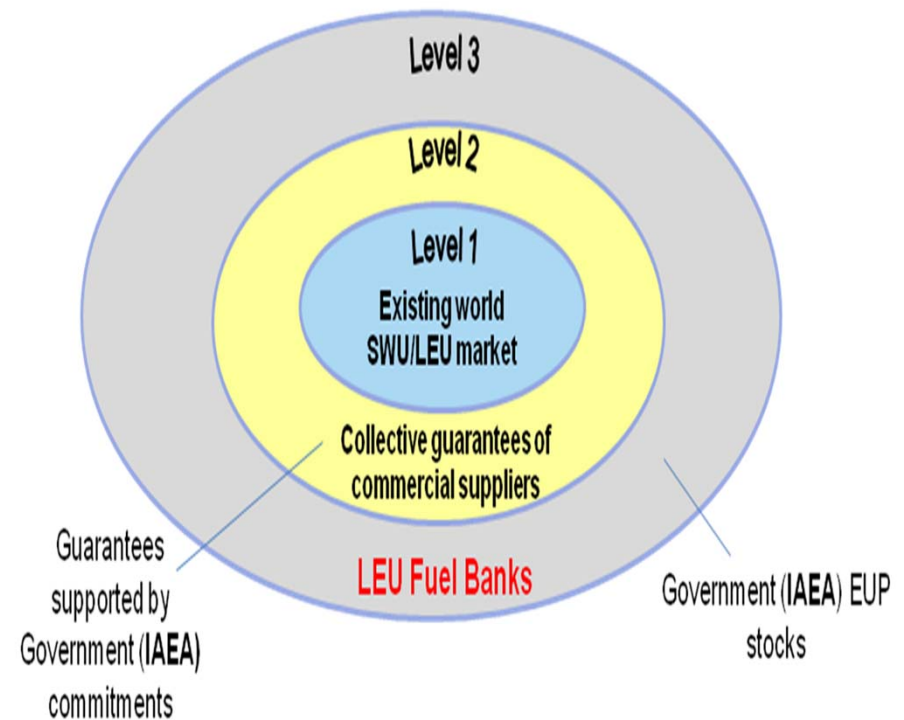
Gleb Efremov, IUEC Commercial Director
GLOBAL 2011, December 13, Makuhari, Japan



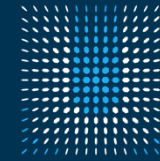
Any NPP operator should be assured for fuel supplies for the entire operating cycle of NPP

- Existing commercial market
- Guaranties supported by Government/IAEA commitments
- Fuel Banks

WNA Security of the International Nuclear Fuel Cycle Concept – from WNA report 2006:



IAEA role - definition of material release criteria and triggering the mechanism



The Russian President Initiative

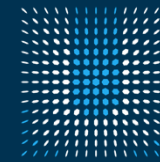
Saint-Petersburg, EurAsEC Summit, 25 January 2006

«We need to create the prototype of a global infrastructure that will give all interested countries equal access to nuclear energy... The key element of such an infrastructure should be an international centers network under the IAEA control for the provision of nuclear cycle services, including uranium enrichment»

Objectives of the initiative:

- ❖ To increase the role of nuclear energy in provision of global energy assurance;
- ❖ To develop the global nuclear energy infrastructure via the establishment of an international nuclear fuel cycle centers network;
- ❖ To provide the non-discriminatory and guaranteed access to products and services of the nuclear fuel cycle for states, that are currently developing nuclear power.

IUEC on the map of Russian Nuclear-industrial Complex



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-enrichment (4)



- conversion (3)



-uranium
production(4)



- fabrication(2)



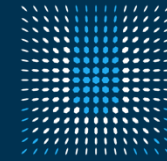
- NPPs (10)



- depleted UF_6
reconversion -
projects(2)

Research
Institutes
(>50)

Russian LEU reserve establishment



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On March 29th, 2010 in Vienna the IAEA Director General Yukiya Amano and General Director of the State Corporation “RosAtom” Sergey Kirienko signed the Agreement between the Government of the Russian Federation and the International Atomic Energy Agency regarding the establishment on the territory of the Russian Federation of a physical reserve of low enriched uranium and the supply of low enriched uranium therefrom to the International Atomic Energy Agency for its member states.



On March 29th, 2010 in Vienna the IAEA Director General Yukiya Amano and General Director of the International Uranium Enrichment Centre (IUEC) Alexey Lebedev signed the Contract between the International Atomic Energy Agency and the International Uranium Enrichment Centre regarding the implementation of certain of the technical and commercial aspects of the Agreement between the Government of the Russian Federation and the International Atomic Energy Agency regarding the establishment on the territory of the Russian Federation of a physical reserve of low enriched uranium and the supply of low enriched uranium therefrom to the International Atomic Energy Agency for its member states.





International Uranium Enrichment Center (IUEC)



Guaranteed supplies



Guaranteed reserve of
LEU



Storage Facility

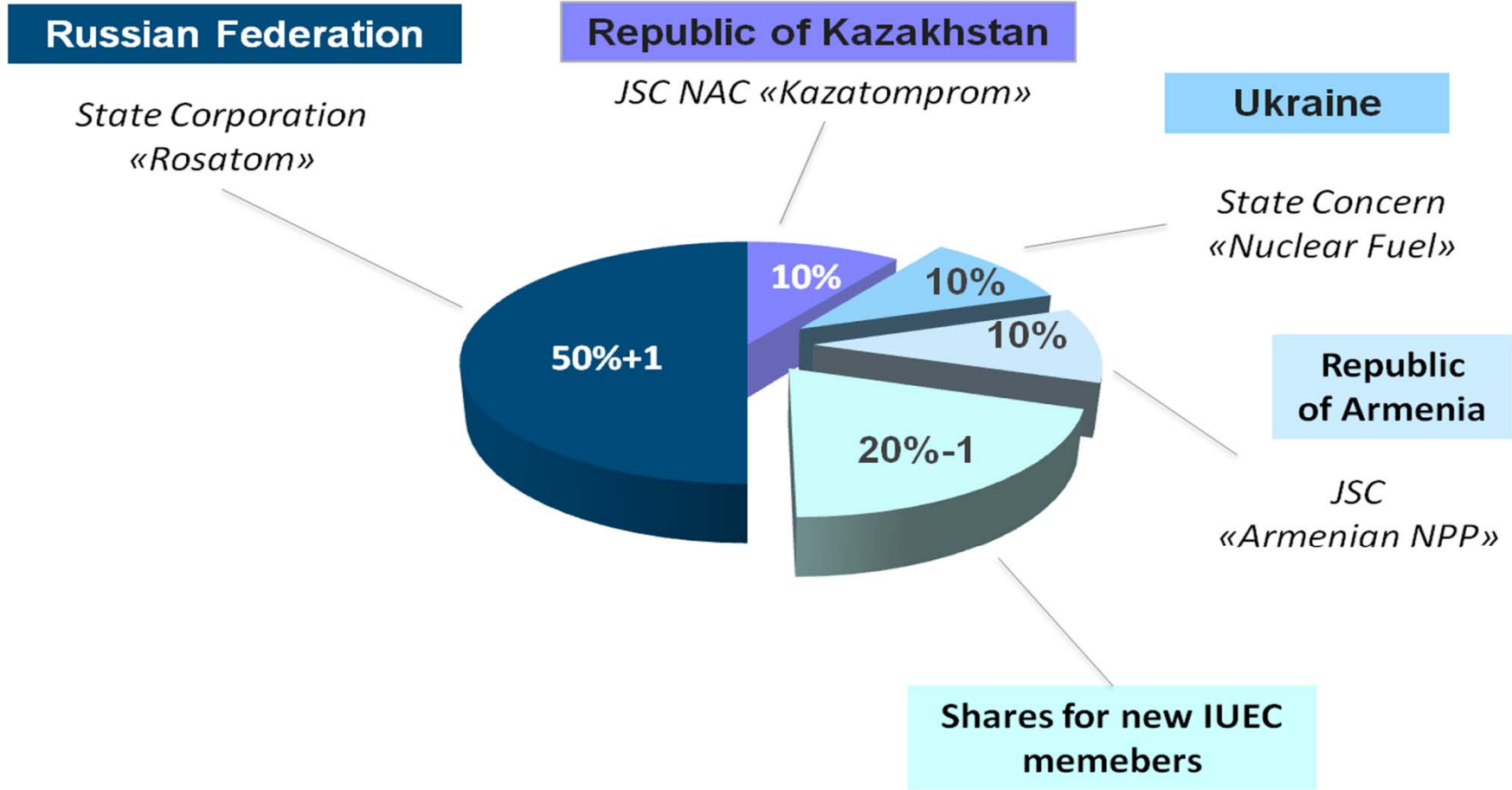
(under IAEA safeguards started from July 1, 2010)

IUEC corporate structure



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Thank you for attention!