

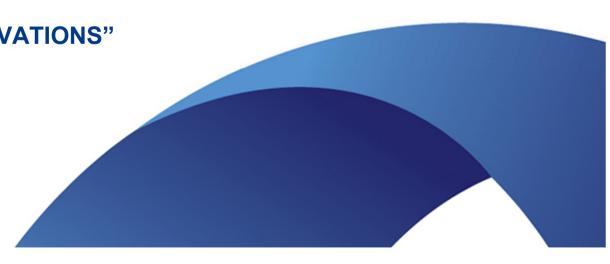
State Atomic Energy Corporation "Rosatom"

ROSATOM Knowledge Management System

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Director General
ZAO "SCIENCE AND INNOVATIONS"

Vienna, IAEA

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ROSATOM at Glance





Nuclear Power Complex



Applied and Basic Science



Nuclear and Radiation Safety



Nuclear ice-breakers fleet

ZAO "Science and innovations"



CHEMISTRY AND TECHNOLOGY BLOCK





ZAO "Science and innovations"





PHYSICS AND

ENERGY BLOCK





















Roles and Responsibilities



Rosatom Division of Innovation

Role: KM strategy and policy

Responsible: Division Director (Rosatom DDG) and Department

Director

Management company

ZAO "Science and innovations"

Role: KM programme management

Responsible: DG and DDG

R&D Institution

Role: KM implementation Responsible: DDG,

Scientific Secretary and NKM Coordinator

R&D Institution

Role: KM implementation

Responsible: DDG, Scientific Secretary and NKM Coordinator

R&D Institution

Role: KM implementation

Responsible: DDG, Scientific Secretary and NKM Coordinator

Overall Objective

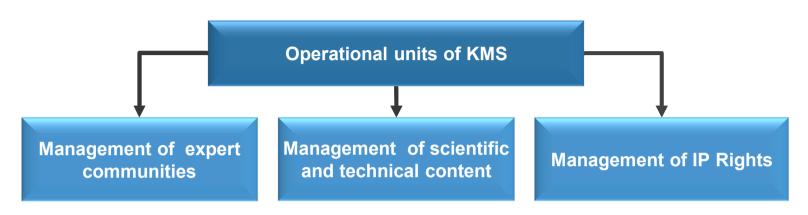


Nuclear knowledge management from idea to commercialization!

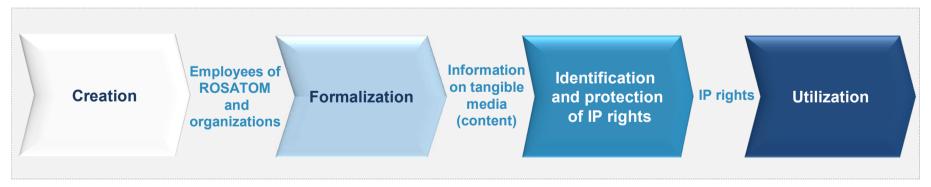


Model of ROSATOM KMS





Life-cycle of knowledge



*KMS – Knowledge Management System

ROSATOM KM Programme



Management of expert communities

Project 1:

Corporate network of experts

Project 2:

Crowd sourcing technologies

Project 3:

Training of KMS experts

Project 4:

Preservation of critical knowledge

Management of scientific and technical content

Project 1:

Scientific and technical information portal

Project 2:

Digitalization center

Project 3:

Corporate subscription to scientific and technical content

Management of IP rights

Project 1:

Regulatory framework for IP management

Project 2:

IT system for IP management

Project 3:

Portfolios of technology rights

Project 4:

Anti-plagiarism system

Management of Expert Communities



KEY PROJECTS

- Corporate network of experts
- Crowd sourcing technologies
- Preservation of critical knowledge



➤ Training of KMS experts

Management of Scientific and Technical Content



KEY PROJECTS

Scientific and technical information portal



- 2 Digitalization centers
- Corporate subscription to scientific and technical content



Management of Intellectual Property Rights



KEY PROJECTS

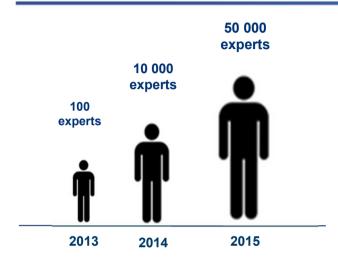
- Regulatory framework for IP management
- IT system for IP management
- Portfolios of technology rights



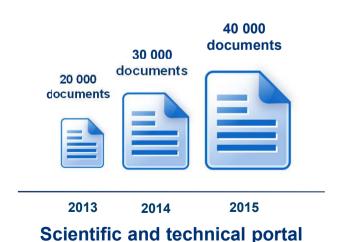
Anti-plagiarism system

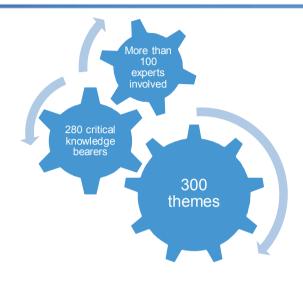
Key Figures





Experts involved in corporate network





Critical Knowledge Preservation

In reporting year 2013, patent activity of organizations increased more than 20 %

Number of results of intellectual activities under legal protection increased more than 15%



Success Story



- Leading project for intellectual capital management
- High demand in scientific and educational organizations

KMS licensee agreement package

- Guidance documents compliant with international standards
- Knowledge management software





Lessons Learned



1

Build and support knowledge management team



2

Deploy and configure IT infrastructure



3

Protect and commercialize corporate knowledge





THANK YOU FOR ATTENTION!