

NDEP New Projects and the S.M.P.

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SUMMARY OF THE PRESENTATION

- 1-NDEP Nuclear Window: Background
- 2-The Strategic Master Plan (SMP)
- 3-SMP and New Projects
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1-NDEP Nuclear Window -background

- The Northern Dimension Environmental Partnership (NDEP) Fund is a multilateral initiative launched in 2002 aiming at environmental remediation in North-West Russia;
- Operations have started in 2005 with accession of NDEP to MNEPR;
- The Nuclear Window of the Fund gathers € 150 million of pledge;
- EBRD acts as the administrator of the Fund, under the supervision of the Assembly of Contributors and the Nuclear Operating Committee for the Nuclear Window;
- Projects to be funded by the Nuclear Window are intended to complement national and bilateral programmes;
- € 19.1 million in Grant Agreements for urgent projects, the Strategic Master Plan (SMP) and decommissioning of Building No 5 in Andreeva bay (phase 1) between 2005 and 2007.



2-The Strategic Master Plan (1/2)

- one of the first tasks assigned by NDEP Contributors; Grant Agreement for € 7 million signed with Rosatom in August 2005;
- Objective : to provide a consistent strategy for nuclear waste, spent fuel management as well as remediation of territories and identification of bottlenecks to establish a framework for the Russian Federation and guidance to Donors in their future projects;
- Work undertaken by leading Russian scientists (Academician Sarkisov, IBRAE and others) assisted by an International Consultant.



2-Strategic Master Plan – overview of priorities (2/2)

- Completion in September 2007; endorsement by NDEP Assembly in November 2007 and by Rosatom in December 2007;
- Main categories :
 - (1) decommissioning of vessels;
 - (2) sites remediation : Gremikha;
 - (3) sites remediation : Andreeva Bay;
 - (4) SNF and waste management;
 - (5) radio ecological, safety and security issues.



3- NDEP New Projects and the SMP(1/3)

- Four new projects have been approved by Nuclear Operating Committee in March 2008 and by NDEP Assembly in June 2008;
- Each of them corresponds to the top priorities in the SMP:
 - categories 1 and 4 (decommissioning of vessels, SNF management):
 - Decommissioning of the Floating Maintenance Base (FMB) “Lepse”;
 - Preparation for Unloading and Unloading of Spent Nuclear Fuel from Papa-class Nuclear Powered Submarine (hull No. 501);
 - categories 3 and 4 (Andreeva Bay, SNF management):
 - Handling and Transport of SNF at Andreeva Bay;
 - category 5 (ecological, safety and security):
 - Enhancement of the Radiation Monitoring and Emergency Response Systems of the Archangelsk Region.



3- NDEP New Projects and the SMP (2/3)

- SMP also suggested integrated management of the remediation activities in North West Russia;
- In March 2008, Rosatom nominated Federal Centre for Radiation and Nuclear Safety (FCNRS) to be Grant Recipient for all new projects (but one);
- Grant Agreements signed in June 2008.



3- NDEP New Projects and the SMP (3/3)

Project	Allocated (€)
Decommissioning of FMB “Lepse”	43 M
Defuelling of the Papa-class NPS	5.6 M
Handling and Transport of SNF at Andreeva Bay	20 M
Radiation Monitoring and Emergency Response Systems of the Archangelsk Region	5.1 M
TOTAL:	73.75 M



4-Overview of New Projects Status (1/8)

GIA 005 - Decommissioning of FTB “Lepse”



Lepse ship is currently located in the Kola Bay, 2km from Murmansk

Grant Recipient : FCNRS



4-Overview of New Projects Status (2/8)

GIA 005 - Decommissioning of FTB “Lepse”

- The first phase of the project is aimed at preparing the ship and the infrastructure for unloading the spent fuel and radioactive waste;
- Current state of preparation:
 - Nomination of the Project Management Unit (PMU) in August 2008;
 - Procurement Plan has been drafted;
 - First tenders expected in November 2008 for recruitment of International Consultant to PMU.



4-Overview of New Projects Status (3/8) GIA 006 - Defuelling of the Papa-class NPS



Grant Recipient : FCNRS



4-Overview of New Projects Status (4/8)

GIA 006 - Defuelling of the Papa-class NPS

- The project objective is to defuel NPS No 501 which has two reactors of unique design;
- Current state of preparation:
 - Nomination of Project Management Unit (PMU) in August 2008;
 - Procurement Plan has been drafted;
 - First tenders expected in November 2008 for recruitment of International Consultant to the PMU.



4-Overview of New Projects Status (5/8) GIA 007 - SNF Handling in Andreeva Bay



Grant Recipient : FCNRS



4-Overview of New Projects Status (6/8)

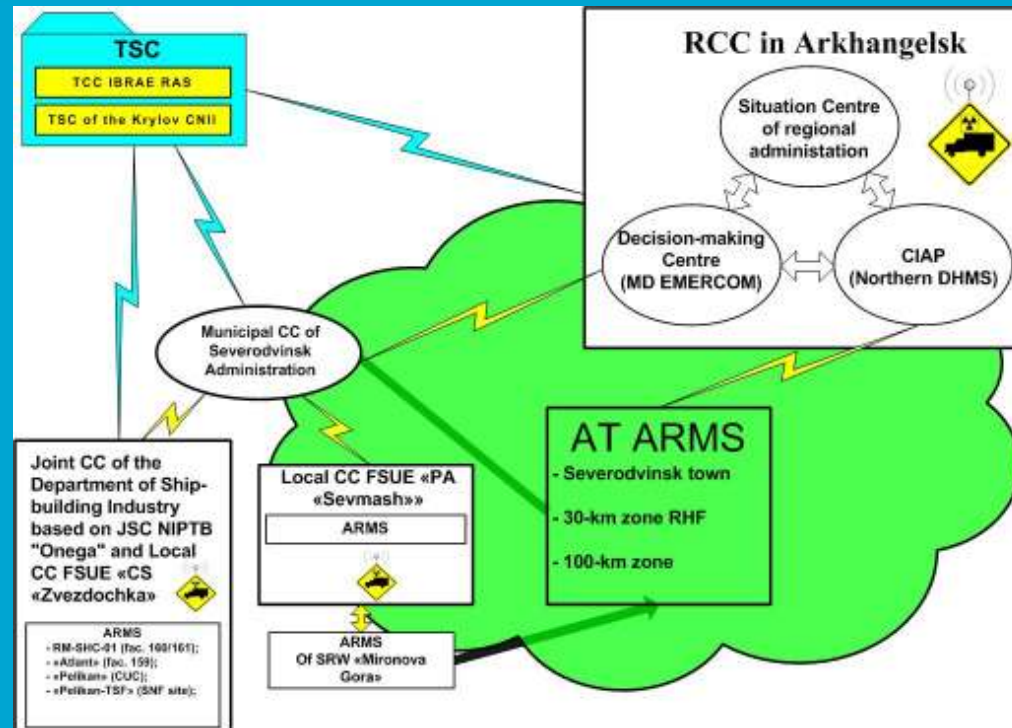
GIA 007 -SNF Handling in Andreeva Bay

- The project is aimed at provision of SNF handling and transport equipment for Andreeva Bay and construction of a cask accumulation pad that is designed under UK funding;
- Current state:
 - PMU has been nominated;
 - Preparation of the Procurement Plan has been initiated;
 - TORs for International Consultant recruitment has been initiated;
- The project is supplementary to already on-going activities of the UK, Norway, Russia, EC and Italy. It is integrated in the General Plan for Andreeva Bay remediation and represents a good model for multilateral cooperation in resolution of the urgent legacy problems.



4-Overview of New Projects Status (7/8)

GIA 008 - Radiation Monitoring and Emergency Response Systems of the Arkhangelsk Region



Grant Recipient : Administration of the Arkhangelsk Region



4-Overview of New Projects Status (8/8)

GIA 008 - Radiation Monitoring and Emergency Response Systems of the Archangelsk Region

- Main objective of the project is enhancement of the radiation monitoring and emergency response system in the Arkhangelsk Region. The project covers all radiation hazardous facilities in the Region;
- Current state:
 - Procurement Plan has been approved; ESAC IBRAE was selected as a Contractor;
 - Technical Specifications and Tender documentation has been prepared;
 - Contract is expected to be signed in October 2008;
- The project is similar to the one successfully implemented in the Murmansk Region, taking into account IAEA peer review carried out in 2007.



5 - Strategic Master Plan : follow-up on PMIS

- On-going development of regulations and procedures for the implementation of the Programme Management Information System (PMIS) and training of personnel to implement SMP and PMIS;
- Main objective : to have a complete operational PMIS and to that end to develop a detailed mechanism, regulations and tools to support co-ordination and management of the Comprehensive Decommissioning Programme (SMP) activities;
- This work takes place in the context of management of the SMP operations by the newly centralised entity, FCNRS.



6- Conclusions

- New projects have been proposed by Rosatom and selected by NDEP Contributors to fit into the SMP priorities;
- Consistently with SMP recommendations, progressive transfer of all international cooperation to FCNRS to ensure full coordination and integration of activities;
- SMP is a living strategy and a follow – up is taking place, with active participation of IBRAE experts to all coordination meetings and daily work between IBRAE and FCNRS management;
- PMIS should complement this work and allow for “on-line” update and bottom up management of SMP.



THANKS FOR YOUR ATTENTION!

