

**Final Report of  
The 4<sup>th</sup> Coordination Meeting of the East European Research Reactor Initiative  
(EERRI) under regional TC project RER4032  
IAEA, Vienna, Austria  
28-29 January 2010**

## **I. Background and Objectives**

Under the auspices of IAEA Technical Cooperation Project RER/4/032, titled “Enhancement of the Sustainability of Research Reactors and Their Safe Operation Through Regional Cooperation, Networking, and Coalitions”, 13 representatives of research reactors (RRs) in:

1. Austria, Atominstitut (2), member
2. Czech Republic, Nuclear Research Institute in Rez and Czech Technical University in Prague (2), member
3. Hungary, Budapest Univ. of Technology & Economics and KFKI Atomic Energy Research Institute (2), member
4. Poland, Institute of Atomic Energy in Swierk (2), member
5. Romania, Institute of Nuclear Research in Pitesti (2), member
6. Slovenia, Jozef Stefan Institute in Ljubljana (1), member
7. Ukraine, Institute for Nuclear Research in Kiev (1), observer

constituting the East European Research Reactor Initiative (EERRI) held the 3<sup>rd</sup> plenary coordination meeting at IAEA Headquarters in Vienna on 28-29 January 2010. The agenda of the meeting is attached in Annex I, the list of participants is attached in Annex II.

The purpose of the meeting was to revise and intensify implementation of EERRI and to decide upon further concrete activities to enhance the involved RR utilization. This included:

- review fulfillment of remaining action items from the last meeting
- discuss development of measures and a long-range plan for EERRI self-reliance and sustainability
- discuss development of a joint market study and business plan
- discuss means to attract and provide access to new customers and participants from countries without RR,
- define specific activities and work plan until the next meeting.

## **II. Work done**

The meeting was opened by Mr Ivan Videnovic, Programme Management Officer, Europe Section IAEA/TC, Mr Danas Ridikas, Physics Section, IAEA/NA, and Ms Rozsa Baranyai, KFKI/AEKI Budapest (on behalf of Mr Sandor Tózsér, Chairperson of EERRI, KFKI/AEKI Budapest). All participants expressed their appreciation and thanks both to Mr Sandor Tózsér and Mr Ira Goldman for their remarkable work, contributions and

driving role for the success of this RR coalition. Mr Yuri Lobach (INR, Kiev) was introduced as an observer.

Right after, presentations were made by each of the Coordinators on current status of activities and possible areas for collaboration, with ensuing group discussion concerning how to pursue future activities. Mr Kevin Alldred, INEG (IAEA consultant) made a presentation on the rationale for, structure, and potential content of a three-year management and business plan to guide EERRI activities. Sustainability and self-supporting strategy were discussed by all participants after this presentation.

It was recognized that although a substantial amount had been accomplished in the 2 years of EERRI, the IAEA's role continues to be important in regard to encouraging further development of EERRI. It was agreed that achieving enhanced self-reliance and sustainability, including through gradual minimization of the IAEA role, is an essential objective. I. Videnovic noted that continued IAEA support for EERRI is assured through 2011 under RER/4/032. In addition, he noted that it is possible for RER/4/032 to provide some financial support for EERRI Secretariat functions if requested.

During the meeting the following decisions have been taken:

- **EERRI chairperson:** the model of rotating chairperson was chosen. It was agreed that Mr Marin Ciocanescu (INR Pitesti) will be the Chairperson of EERRI until the next coordination meeting in Romania, scheduled during Q4 2010.
- **EERRI coordination:** EERRI coordination is ensured through the EERRI Chairperson, four Coordinators of the major activities and representative of the IAEA.
- **IAEA involvement:** IAEA will continue to provide organizational and administrative support. Mr Danas Ridikas as a TO (until further notice) and Mr Ivan Videnovic as a PMO remain focal persons for EERRI.
- **EERRI meetings:** Biannual meetings for EERRI have been confirmed with a possibility, when needed, to hold parallel technical round-table discussions within the four major ongoing activities or at least in 2 groups involving small RR and big RR.
- **EERRI strategic and business plan:** the proposed structure by Mr Kevin Alldred (INEG) was accepted as a starting document; EERRI will develop the 1<sup>st</sup> draft strategic and business plan shortly.
- **Outreach of EERRI:**
  - EERRI web page should be updated and further expanded
  - Quarterly EERRI newsletter (e-mail based) will be started
  - EERRI brochure will be designed and published
  - Agreement was reached to valorise EERRI during various manifestations

### III. Action Items/Work plan

#### 1) Management, coordination & marketing

- a. **Web page to be revised.** IAEA will propose a new structure/design, Chairperson + 4 activity coordinators will provide input. **New release by the end of March 2010.**
- b. **Quarterly newsletter to be prepared.** IAEA will propose a template, Chairperson + 4 activity coordinators will provide input. **The 1<sup>st</sup> issue by the end of April 2010.**
- c. **Promotional brochure to be designed.** IAEA will propose a layout, Chairperson + 4 activity coordinators will provide input. **1<sup>st</sup> draft by the end of May 2010.**
- d. **Next meeting will take place during Q4, 2010 in Romania.** Mr Ciocanescu (INR Pitesti) will coordinate together with the IAEA.
- e. **Promotion of EERRI** to be achieved through RRFM2010 in March (2 presentations), Exhibition at the European Parliament (1 poster), IAEA publications (Nuclear Technology 2010, Annual Report 2009, & RR brochure)

#### 2) Strategic & Business Plan Development

- a. Based on Mr Alldred's input, IAEA will propose a revised document structure, Chairperson + 4 activity coordinators will provide input. **1<sup>st</sup> draft** strategic & business plan to be circulated to all members **by the end of June 2010.**

#### 3) Education and training, coordinated by Mr Boeck

- a. The 2<sup>nd</sup> EERRI group training is ready to start on 8 February. The 3<sup>rd</sup> EERRI group training course can be organized in September-October 2010, subject to availability of trainees through the IAEA TC projects. **IAEA will inform the EERRI about application status by 1 June 2010.**

#### 4) Neutron beam applications, coordinated by Ms Baranyai

- a. The Central European Neutron Scattering School will take place in **May 2010 in Budapest.** The organizers will seek to support 2 lecturers and 5-6 students from EERRI through the IAEA TC project RER4032. **ASAP.**
- b. **EERRI will seek for the EU support** via NMI3 framework: EU call to be published in June 2010, submission of project proposals **by the end of 2010.**

#### 5) Radioisotope production, coordinated by Mr Jaroszewicz

- a. EERRI will seek for closer cooperation and common strategy related to
  - i. R&D and production of Mo-99 via fission using LEU targets
  - ii. R&D and production of Mo-99 via capture using Mo-98 targets

- iii. Exchange of relevant information and potential share of market in production of other radioisotopes  - b. In collaboration with the IAEA, a dedicated side event (forum) related to radioisotope production and processing issues can be organized before or after the next EERRI coordination meeting in Romania
- 6) **Fuel and material testing, coordinated by Mr Broz**
  - a. EERRI will seek for closer cooperation and common efforts related to
    - i. Promotion of existing material irradiation facilities and know-how to outside potential users
    - ii. Promotion of new developments in material testing and irradiation services (e.g., He - loop, Pb-Li - loop, fusion related irradiations, etc.) within EERRI and outside potential users
- 7) **Other items**
  - a. **IAEA to contact NLO of Serbia** in order to clarify the present status of Mr Pesic (Vinca), and seek for a new project counterpart if necessary. **ASAP.**
  - b. **Mr Lobach** (INR Kiev) will provide more information on their RR and ongoing activities. **ASAP.** Potentially, INR Kiev will seek for full EERRI membership during the next coordination meeting in Romania.
  - c. Promotion of EERRI and potential cooperation with the Baltic RR Network (BRRN) to be discussed during the 2<sup>nd</sup> BRRN coordination meeting on 8-10 February 2010. Mr Boeck and Mr Ridikas will attend and follow up.

## Annex I: AGENDA

### 4<sup>th</sup> Coordination Meeting of the East European Research Reactor Initiative (EERRI)

IAEA, Vienna, Austria; 28-29 January 2010

#### Thursday, January 28

- 9:30 VIC Registration
- 10:00 Welcome *Ivan Videnovic, IAEA/TCEU*  
*Danas Ridikas, IAEA/NAPC*  
*Rozsa Baranyai, KFKI/AEKI*
- 10:30 Coordinator Reports/Action Items  
Education & Training *Helmuth Böck, ATI/Austria*  
Beam Applications *Rozsa Baranyai, KFKI-AEKI/Hungary*
- 12:30 Lunch
- 14:00 Coordinator Reports/Action Items (continued)  
Radioisotopes *Janusz Jaroszewicz, IAE, Poland*  
Fuel & Material Testing *Vladimir Broz, NRI/ Czech Republic*
- 15:00 *Coffee Break*
- 16:00 Promotion of EERRI Self-Sufficiency and Sustainability *All*  
- rotating Chairperson  
- executive Secretariat  
- EERRI virtual office  
- other issues
- 17:00 End of the 1<sup>st</sup> day meeting

#### Friday, January 29

- 9:00 Major activities at the Institute for Nuclear Research  
*Yuri Lobach, INR Kiev*  
Progress report on the EERRI Three-Year Strategic and Business Plan  
*Kevin Alldred, INEG*
- 10:00 Discussion on Marketing and Public Relations *All*  
- status of the brochure, web page and other marketing information  
- status of the periodic newsletter  
- planning of trade shows, conferences, and other similar events
- 10:30 Discussion of Specific Follow-up Actions and Activities *All*  
- each coordinator to suggest follow-up activities
- 11:00 *Coffee Break*
- 11:15 Revisions of the Work Plan, Action Item List, Conclusions *All*
- 11:45 Nuclear E&T using the modern virtual capabilities  
*Luka Snoj, JSI*
- 12:00 End of the meeting

## Annex II: LIST OF PARTICIPANTS

### 4<sup>th</sup> Coordination Meeting of the East European Research Reactor Initiative (EERRI) IAEA, Vienna, Austria; 28-29 January 2010

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