



Atoms for Peace

الوكالة الدولية للطاقة الذرية  
国际原子能机构  
International Atomic Energy Agency  
Agence internationale de l'énergie atomique  
Международное агентство по атомной энергии  
Organismo Internacional de Energia Atómica

National Liaison Officer

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2016-10-14

**Subject:** Invitation to the Coordination and Review Meeting, Vienna, Austria, 12-15 December 2016

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned meeting under the framework of TC Project RER1017 – “Using Advanced Radiation Technologies for Materials Processing”. The purpose of the meeting and related information are outlined in the attached Prospectus.

For candidates who are selected by the IAEA, the IAEA will cover the cost of return international travel from the home country to Vienna, Austria and provide Daily Subsistence Allowance (DSA) for the duration of the meeting in line with IAEA rules and procedures.

Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Meeting/Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Carmina Jimenez de Bergant (IAEA Official Fax: +43-1-26007 or E-Mail [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org)), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than 4 November 2016.

Yours sincerely,

Martin Krause  
Director  
Division for Europe  
Department of Technical Cooperation

Enclosure: Prospectus

# International Atomic Energy Agency

## Coordination and Review Meeting

### PROSPECTUS

- Project Number & Title:** RER/1/017 “Using Advanced Radiation Technologies for Materials Processing”
- Place (City, Country):** Vienna , Austria
- Dates:** 12 – 15 December 2016
- Deadline for Nominations:** 4 November 2016
- Organizers:** The International Atomic Energy Agency (IAEA)  
Wagramerstrasse 5, P.O. Box 100  
A-1400 Vienna, Austria
- Host Country Organizer:** Mr Sunil Sabharwal  
Radiation Processing Specialist  
Nuclear Application and Sciences Department  
Tel: (+43 1) 260021744  
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- Ms Carmina Jimenez de Bergant  
Programme Management Officer|  
Division for Europe  
Department of Technical Cooperation  
Tel: (+43 1) 2600-22340|  
Email: C.Jimenez@iaea.org
- Language:** English
- Purpose:** The Coordination and Planning Meeting will review the present status of R&D and industrial applications in the participating Member States with regard to the radiation processing with the use of gamma and eb/X irradiators. The country reports are requested. During the meeting the work plan for the further cooperation will be elaborated. The task teams will be formed and the program for the forthcoming events prepared. The possibility of synergy with other international programs being implemented in this area will be explored and way forward suggested. The final outcome of the meeting will be preparation of the concise report on the status of R&D and industrial applications to be published. It is proposed to cover all irradiators being in operation in the research institutes and industry.

**Expected Output(s):**

The expected outcome of the meeting will be a concise report on the current status of R&D and industrial applications of radiation technology in the region, identify the emerging needs keeping in view the recent technological advances and formulate a pathway how the present activities under this project need to be directed to accomplish these objectives. It is proposed to cover all irradiators being in operation in the research institutes and industry.

**Scope and Nature:**

The Coordination and Planning Meeting will include individual presentations by participants and lectures presented by invited expert(s), followed by discussions among participants.

Prior to the meeting the participants are requested to submit individual country reports and prepare PowerPoint presentations for the meeting. It is also planned to distribute questionnaires.

The report should cover the following points:

- Review of laboratories and teams working in the country on processing technology with application of ionizing radiation;
- Review of gamma and eb/X industrial irradiators working in the service centers and in house applications;
- Review of QA and QC systems , standards and procedures, accredited units & labs;
- New trends in technology development;
- Academic and practical courses implemented in the country;
- National and regional development programs related to the radiation technology .

Additionally, participants may be contacted by the IAEA on specific subjects to be presented at the meeting.

The topics will be addressed by the selected experts during the general lectures on the above-mentioned subjects. Later on the organizers intend to publish the reports in form of the IAEA material.

**Background Information:**

Radiation technologies, which are pollutant free thus green technologies play a very important role in the national economy in Europe. Some like sterilization of health care products, polymer and tyre cross-linking are well established where gamma irradiators or electron accelerators are used. The application of radiation technologies is one of the priority areas in scope of the European Union (EU) Framework Programme. Regional activities are being carried out to help the establishment of radiation processing technologies and to check the existing quality control procedures in the region in industrial gamma and electron beam facilities. New standards and regulations related to health care products, pharmaceuticals and food treatment and further development in radiation processing are continuously being introduced by EU and national authorities. Radiation technology has matured over the years, and today industry is expected to be based on green , economical and advanced solutions, regulated by the factors related to safety, quality, energy saving and others. Therefore QA/QC programmes being

implemented at radiation facilities have to be updated regularly and standardized through the region. The project RAS1017 is focused on enhancing the socio-economic development of Member States leading to better human health, prosperity and cleaner environment through judicious use of radiation technologies. The current meeting will review the current status of the technology in the region and identify the emerging needs that should be addressed.

**Participation:** The meeting is open to 25 participants. One to two participants per country are expected to attend.

The target countries are: Albania, Armenia, Azerbaijan, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Georgia, Greece, Hungary, Kazakhstan, Kyrgyzstan, Lithuania, Montenegro, Poland, Republic of Moldova, Romania, Russian Federation, Serbia, Slovakia, Tajikistan, The former Yugoslav Republic of Macedonia, Turkey, Ukraine, Uzbekistan

All participants from European Union Member States (and the Russian Federation) are encouraged to attend the meeting at no cost to the IAEA.

**Participants' Qualifications:** Participants have to be involved in the R&D and/or operation of radiation processing facilities in the field. The summary of their work will be a basis for qualification. Industry representatives are welcome as cost-free participants / observers.

The participants are requested to submit a report (see below the "Nature of the Meeting").

**Nomination Procedure:** Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Meeting/Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Ms Carmina Jimenez de Bergant (IAEA Official Fax: +43-1-26007 or E-Mail [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org)), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than **4 November 2016**.

**Administrative and Financial Arrangements:** Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.

Selected participants from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to Vienna, Austria and a Daily Subsistence Allowance (DSA) at the prevailing UN Rate. Shipment of accumulated meeting materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the meeting do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the meeting, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.