

SUPPORTING THE DEVELOPMENT AND THE ADOPTION OF ALTERNATIVE TECHNOLOGIES TO RADIOACTIVE SOURCES

An evening side-event to the *International Nuclear Security Conference: Commitments and Actions*, 5-9 December 2016, in Vienna, Austria



Wednesday, December 7th, 2016

Starting time: 18:30

Press Room – M Building

Vienna International Center (VIC)

WINS is pleased to announce a Side Event on the margins of the December 2016 IAEA International Conference on *Nuclear Security: Commitments and Actions* to better understand the roles, responsibilities and possible contributions of various stakeholders in the development and the adoption of alternative technologies to radioactive sources.

INTRODUCTION

With heightened concerns regarding the security of high activity sources, alternative technologies are being considered as a means of permanently reducing the radiological security risk.

Research and development efforts have made alternative technologies attractive and cost-effective in many instances. However, for certain practices further work is still needed to ensure the availability of credible alternatives to radioactive sources. Successful outcomes of this work will also require a proper assessment of the needs and constraints of the end-users and regulators, and the development of devices capable to meet their expectations.

For certain practices or in some countries, there has been a strong movement to adopting alternative technologies; in other cases, a lack of information, commercially available alternatives or incentives have restricted the movement to replacements not using radioactive sources. The move to use alternative technologies requires a clear awareness of all stakeholders of their respective roles and responsibilities. Coordinated efforts at the international level and the engagement of all stakeholders is a prerequisite to an effective and sustainable movement towards alternative technologies

TARGETED AUDIENCE

- Organisations that use high activity radioactive sources and/or alternative technologies;
- Regulatory authorities and other governmental organisations;
- Manufacturers of alternative technology devices and associated R&D organisations;
- Professional associations;
- International organisations and initiatives.

REGISTRATION

If you wish to register or obtain more information on this event, please contact:

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OBJECTIVES OF THE EVENT

The aim of the event is to better understand the specific needs of the end-users, share experiences and lessons learned by those operating alternative technologies, and increase the awareness and contribution of selected stakeholders to the adoption of such technologies. The event sessions will therefore focus on:

- Listening to the experiences and lessons learned from those who have undertaken the shift to alternative technologies;
- Reviewing and discussing the prerequisites and steps leading to an effective conversion to alternative technologies;
- Assessing the specific needs and constraints of end-users in various regions of the world;
- Identifying and discussing the roles of respective stakeholders, such as the IAEA, industry, regulators, academics and end-users in expanding the use of alternative technologies.

PROGRAMME OUTLINE

1. Developing a common understanding of how alternative technologies contribute to the permanent reduction of radiological security risks
2. Roles, responsibilities and possible contributions of various stakeholders
3. Key considerations and good practices for planning and implementing the transition to alternative technologies
4. Challenges and possible solutions

The programme will be built around a number of presentations from invited expert speakers to further explore best practices for the effective adoption of alternative technologies.

The discussions will be interactive and moderated by a facilitator.

An Instant Electronic Voting system will be used to allow participants to anonymously share their views on questions put to the audience.

Registration from 18:00. Beverages and fingerfood will be served before and after the event.