

**International Conference on
Occupational Radiation Protection:
Enhancing the Protection of Workers —
Gaps, Challenges and Developments**

*Rapporteur: Ana Rojo
Argentina*



Session 11

International Conference on Occupational Radiation Protection: Enhancing the Protection of Workers — Gaps, Challenges and Developments

1–5 December 2014
Vienna, Austria

Session 11

*Education and training in
occupational radiation protection*

Session 11

9 Contributed papers:

1 Africa (Burkina Faso)

1 Asia- Europe (Turkey)

3 Europe (France, Greece, Lithuania)

4 Latin America (Brazil, Perú)

Session 11: Topics Summary

- ***The experience and challenges in the acknowledgment and accreditation process of the RP courses:***

*Papers #: 127 – Turkey; 154 – Brazil; 165 – Perú;
226 – Lithuania; 263 - Burkina Faso; 296 – Greece.*

- ***The role of networks in keeping up-to-date the radiation protection knowledge:***

Papers #: 175 – France; 300 - Brazil

- ***The impact of IAEA Regional Projects in developing a national strategy in the area of education and training on RP:***

Paper # 151 - Brazil

Session 11: Paper 263

«Building competence of Radiation protection officers in an industry using gauging systems: case of Burkina Faso»

*Zakaria YAMEOGO, Delwendé NABAYAOGO
aNational Radiation Protection and Nuclear Safety
Authority (ARSN), Ouagadougou*

Burkina Faso



Session 11: Paper 127

«The syllabus on fundamental radiation protection courses for radiologists in Turkey, (2011-2013)»

C. T. ZEYREK, H. AKBIYIK

***Ankara Nuclear Research and Training Center
Turkish Atomic Energy Authority
TR-06100, Beşevler, Ankara***

Turkey



Session 11 Paper 296

“25 years Education and Training in Occupational Radiation Protection and Hospital Safety in the Biomedical Engineering Department of TEI of Athens: Experiences and Perspectives”

*Departmental Standards, Quality, Experimentation and Patent-searching
Prof. Dr.rer.nat. Basile Spyropoulos
Technological Educational Institute (TEI) of Athens,
Biomedical Engineering (BME) Department,
Athens,
Greece*



Session 11 Paper 226

«Education and Training in Occupational Radiation Protection in Lithuania»

*Albinas Mastauskasa, Ieva Gatelyteb
Radiation Protection Centre, Vilnius,*

Lithuania



Session 11 Paper 165

“Training in Radiation Protection for workers occupationally exposed in Peru”

Medina Gironzini, Eduardo

IPEN (Instituto Peruano de Energía Nuclear)

Perú



Session 11 Paper 154

“Cargo Scan: Improving Education and Training in Occupational Radiation Protection of Brazilian Workers”

*Camila A. M. Lima, A. R. Lima
Maxim Industrial*

Rio de Janeiro/RJ

Brazil



Distribution of trained professionals by Brazilian States



➤ *More trained workers*

➤ *Distance learning technology (e-learning)*

Session 11 Paper 175

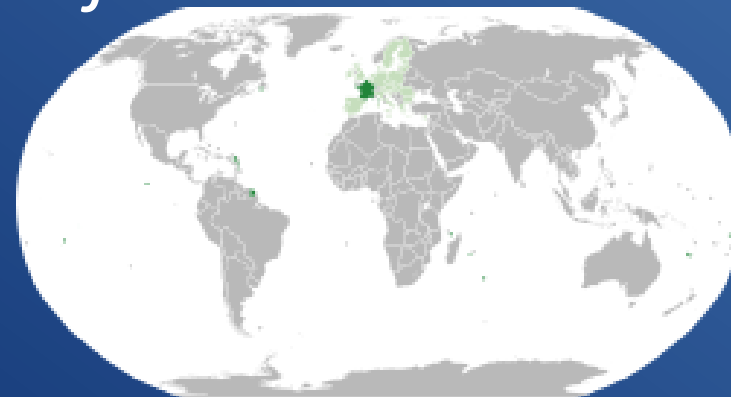
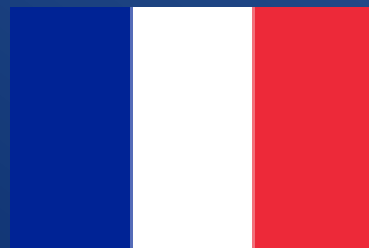
***“EST-RAD: a regional network of professionals
dedicated to the optimisation of occupational
radiation protection”***

Sylviane Prevot

Department of Nuclear Medicine

Centre G.F. Leclerc, Dijon

France



EST-RAD network

- *It was founded in 2013 by 12 RPO from medical field*
- *It aims at keeping professional knowledge up-to-date in order to deal with the changes required by legislation*

Membership has grown to 60 individual members medicine, industry, research, and professional education
- 80 % work in the medical field -

EST-RAD network

Educational activities

- *A one-day programme including an overview of latest regulatory issues and new publications & guidelines.*
- *A one-day seminar dedicated to a single topic of interest including lectures by experts and practical "How to do sessions"*

E-newsletter

Quarterly

Session 11 Paper 300

“REPROLAM NETWORK SHARING KNOWLEDGE AND LESSONS LEARNED IN LATIN AMERICA”

*LUIZ ERNESTO SANTOS DE CARVALHO MATTA ^a, ANA MARIA
MACCHIORLATO ^b, MAIKOL SALAS RAMIREZ ^c, JUAN CARLOS HERMIDA
LAMANN ^d, TONY BENAVENTE ALVARADO ^e*

*a Institute of Radiation Protection
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Brazil*



REPROLAM NETWORK



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RECAN

RELIR

REPROLAM

LATINOAMÉRICA CREA SU RED PARA LA OPTIMIZACIÓN DE LA PROTECCIÓN RADIOLÓGICA OCUPACIONAL

Reconociendo que los países de Latinoamérica poseen intereses comunes para la aplicación práctica del principio de optimización y que las redes existentes en otras regiones del mundo están contribuyendo a la mejora de las infraestructuras de la protección radiológica ocupacional, se acordó crear la RED de optimización de Protección Radiológica Ocupacional en Latinoamérica (REPROLAM). Esta iniciativa es promovida en el marco de la implementación del Plan de Acción Internacional sobre Protección Radiológica Ocupacional que desarrolla el OIEA.

La Reunión de Coordinación del Proyecto de Cooperación Técnica RLA/9/066 "Fortalecimiento y actualización de las competencias técnicas para la protección de la salud y seguridad de los trabajadores expuestos ocupacionalmente a la radiación ionizante", celebrada en Medellín Colombia en Octubre de 2010, creó el grupo promotor con un Comité Directivo integrado por expertos de Argentina, Brasil, Costa Rica, Perú y Uruguay. La creación de REPROLAM se efectuó en la reunión del Comité Directivo, en el Instituto de Radioproteção e Dosimetria (IRD), Rio de Janeiro Brasil del 27 de Junio al 1 de Julio 2011. En dicha reunión se discutió el Estatuto y las

Search in the Networks

[Operational NPPs](#)

[RP in medical practices](#)

[Industrial radiography](#)

[NORM](#)

[Radon exposure to workplace](#)

[Decommissioning of installations](#)

[Waste management](#)

[Individual Monitoring](#)

[Workplace Monitoring](#)

[Risks at workplace](#)

IAEA ORPNET (IAPORP: Action 7)

Session 11 Paper 151

“Methodology for developing a national strategy for education and training in occupational radiation protection: overview of Brazilian actual status and planning to meet the training needs of professionals”

Paulo Roberto Rocha Ferreira, Aucyone Augusto da Silva
Institute of Radiation Protection and Dosimetry
Rio de Janeiro

Brazil

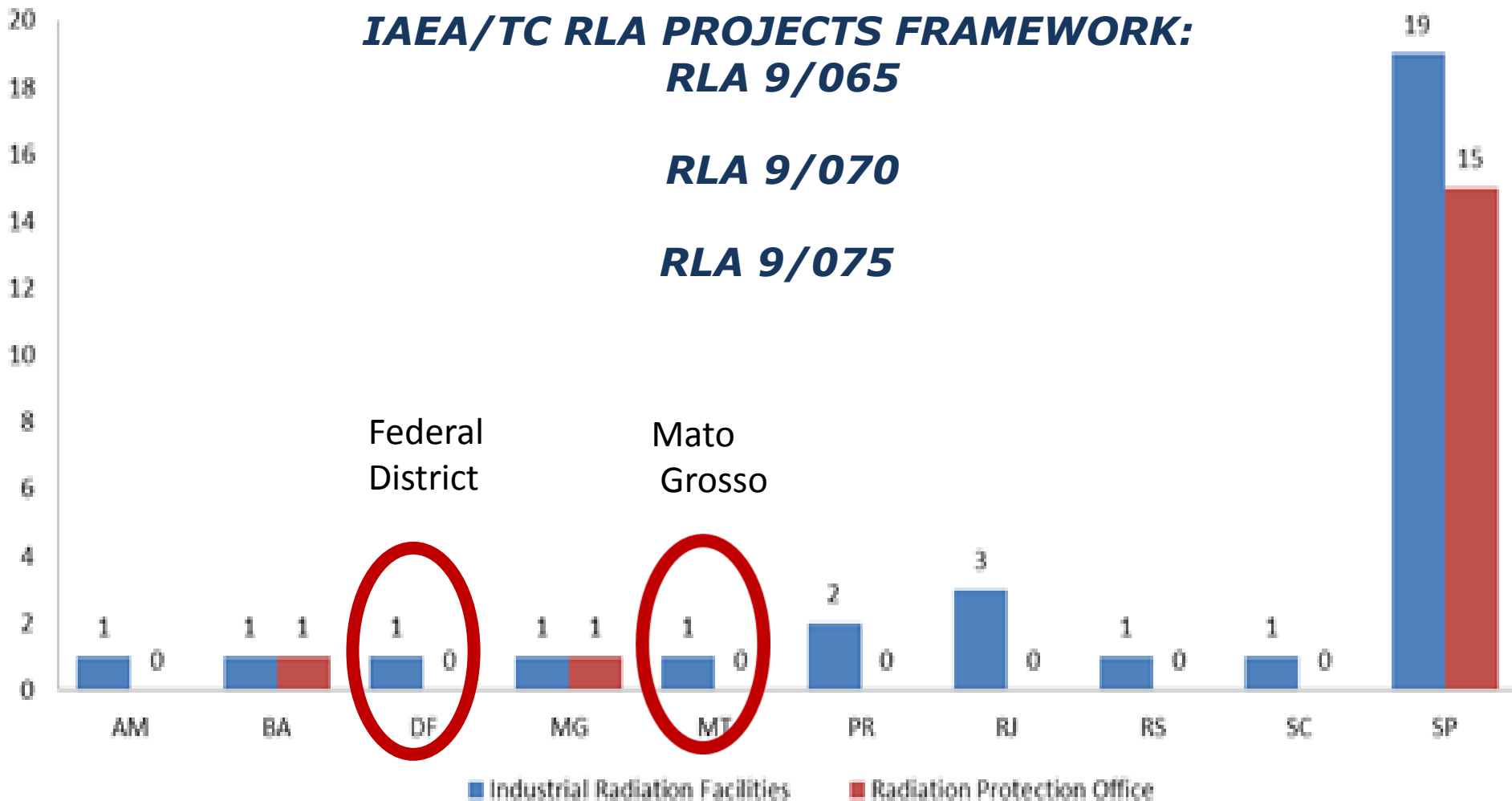


Industrial Radiation Facilities x Radiation Protection Officer

**IAEA/TC RLA PROJECTS FRAMEWORK:
RLA 9/065**

RLA 9/070

RLA 9/075



Federal
District

Mato
Grosso

Session 11: Conclusions

- *It is valuable the role of Networks in keeping up-to-date the radiation protection knowledge.*
- *It is significant the impact of IAEA Regional Projects in developing a National Strategy in the area of education and training.*
- *It is a challenge to be achieved in some countries:*
 - *The acknowledgment and accreditation of courses*
 - *A national strategy on training workers*

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Thank you for your attention!!!

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