

**13th International Congress of the
International Radiation Protection Association**

Living with Radiation - Engaging with Society

**Session : Experience in Stakeholder Engagement and
Decision Making**

**Activities of the Moroccan Radiation Protection
Association as one African experience in the field of
associative work.**

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Moroccan Radiation Protection Association (AMR)

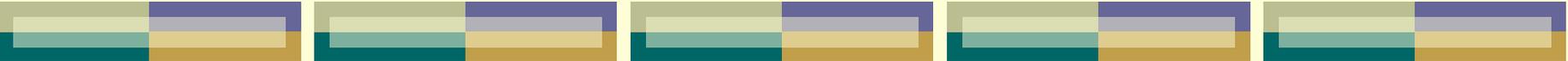
area of Morocco:

710.850 km²

Inhabitants:

About 32.3 millions





Plan

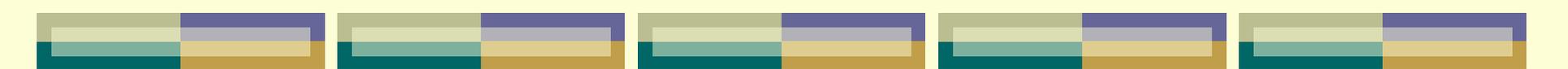
I. Introduction

II. Situation in Africa. What is the position in Morocco ?

III. Moroccan Associations in the field of ionizing radiations.

IV. Activities of AMR

V. Conclusion



Introduction

- Radiation is a part of the natural environment, produced artificially with a variety of unique applications
- Increasing need for nuclear
- Necessity of protective measures.
- The peaceful applications of nuclear energy are often associated in the public mind with the problems of the proliferation of nuclear weapons and nuclear war.
- Radiation protection as an essential component of nuclear safety must be known by stakeholders and general public (educational programs, continuous training)
- Protection culture is necessary to implement safety
- NGOs have an important role to play



Situation in Africa.

- Several African nations are seriously considering nuclear power
- National policies represent a compromise between expected energy shortages, environmental quality, energy security, cost, public attitudes, safety and security, available skills, and production and service capabilities.
- Numerous radiation protection societies have been established in Africa. The role of these societies is to help authorities, operators in the field at all levels, and the public to know and avoid potential hazards associated with the use of ionizing radiation.
- 4 African radiation Protection Associations are officially affiliated to IRPA.

What is the position in Morocco ?

- The use of nuclear technology in medicine, agriculture and industry is very advanced in Morocco. This technological progress has been accompanied by fairly detailed legislation and significant involvement on the part of Morocco in international conventions and agreements. There are of both a technical and a legal nature based on the IAEA recommendations.



Principal National societies in the field of ionizing radiation in Morocco

- ✓ AMR, Moroccan Radiation Protection Association created in 2002
- ✓ AIGAM, Association of Moroccan Nuclear Engineers, created in 1985
- ✓ AMPM, Moroccan Association of Medical Physics, created in 1996
- ✓ And other professional associations mainly in medical sector

Main activities of AMR

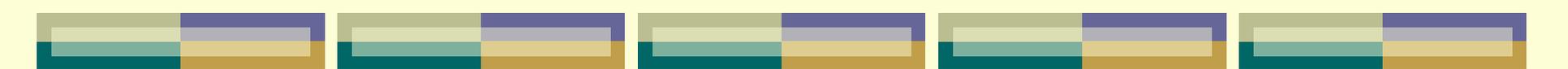
we have targeted professionals, academics, journalists, local elected representatives and parliamentaries. we also worked with international organizations.

our goal is to develop awareness and help to improve skills in radiation protection at national and regional level.

- ✓ 2002 , in Rabat ; Conference on Epidemiological Studies consequences in the big nuclear accidents
- ✓ 2003 in Casablanca; Conference on the radioprotection in the industry: inventory of fixtures and Perspectives

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- ✓ 2004 in Rabat, Scientific Meeting on the radioprotection in the medical sector: states and perspectives
 - ✓ 2007 in Mohammedia, AMR organized in collaboration with The Moroccan limited company of the Refining Industry, a meeting " The capacities radio metrics: uses and measures of radiological safety ". **more than 28 private societies and public bodies were be represented in this meeting**
 - ✓ 2007, Conference on The management of the radioactive wastes. **They attended this conference, the local elected representatives and the members of parliament.**
 - ✓ 2007 in Rabat, organization for the Moroccan media in collaboration with other neighbouring associations, a day of information about nuclear applications in Morocco.
 - ✓ 2008 in Rabat, The AMR organized in association with the international Association of nuclear Law (French section) a workshop on "standards of safety in the nuclear law".

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- ✓ 2009 in Kenitra, an international meeting on "The radioactivity in natural waters: radiological implications".
 - ✓ 2010 Participation in the Seminary about Electronuclear and the Management of the Radioactive Waste which took place on in Rabat with participation of IAEA experts.
 - ✓ 2010 in Rabat, a Workshop on the Radioprotection in interventional radiology organized in collaboration with Moroccan association of interventional radiology and European commission.
 - ✓ 2010 Participation to the organization of the International Congress NORM 6 which took place in Marrakech on "Naturally occurring Radioactive Material "



✓ 2010 Participation to the organization of Third African IRPA Regional Congress at Nairobi in Kenya

✓ 2011, Participation to the organization of International workshop on the use of radioactivity for sustainable development, 2011, Meknes

Upcoming Events

- National Meeting on **Radiation Protection in Nuclear Medicine**, Rabat (June 2012)

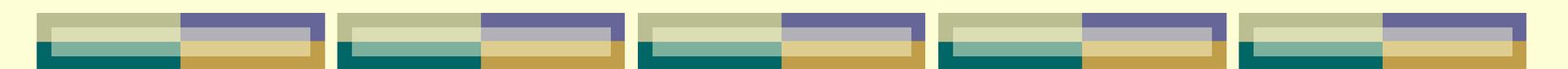
- Conference on *Post Fukushima: Strengthening of nuclear and radiological security and safety aspects*, CNESTEN (June 2012)

- Regional meeting on *Radiation Protection* in Meknes (November 2012)

- The *Fourth Regional African Congress of International Radiation Protection Association (AFRIRPA04)*, 19-24 May 2014, Rabat

Conclusion

- ❑ A set of meetings, conferences, courses, seminars and publications by AMR along of 10 years since its creation, has enabled the association to be known by the general public, authorities, politicians, academics, doctors, engineers, nurses and the media. This promoted dialogue, sharing experience among RP experts, other disciplines experts, authorities, decision- makers, stakeholders and the general public.
- ❑ The culture of radiation protection is required to convince operators and public that the association's role is to help them to protect themselves and this is not a state institution or emanating from the nuclear center.
- ❑ Much remains to be done by the association taking into consideration the challenges faced by the IRPA.
 - What are the elements of the Radiation Protection culture and how could we define it ?
 - How to engage the stakeholders (regulators, operators, professional organizations...) in the process of developing Radiation Protection culture ?
 - What are the criteria for success?



**We are still at the beginning of road
and
a lot remain to do for radiation protection**

**Thank you very much
for
your attention**



AMR

Moroccan Radiation Protection Association
www.cnesten.org.ma/amr/



AMPM

Moroccan Association of Medical Physics
www.asso-ampm.com

Organize

The Fourth Regional African Congress of International Radiation Protection Association

*Main Theme : Strengthening of radiation protection infrastructures in support to the
health sector in Africa*

First announcement



*AFRIRPA 04
19-24 May 2014
Rabat - Morocco*