

# Future of RP Profession and Tripling RP Workforce Capacity

WNA – ICRP Webinar

## Enabling Sustainable Development through the System of Protection

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**ICRP** INTERNATIONAL COMMISSION ON RADIOLOGICAL PROTECTION  
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# Future of RP Profession and Tripling RP Workforce Capacity

## **ICRP develops the System of Radiological Protection for the public benefit**

The System takes account of the latest scientific knowledge, ethical values, and practical experience. It is the foundation for an appropriate level of protection for people and the environment against the harmful effects of radiation exposure without unduly limiting the benefits of activities involving radiation, and is the basis of standards, legislation, guidance, programs, and practice worldwide.

**Practicability of the System is crucial to achieving its aims; expertise and capacity of the RP workforce are essential**

**ICRP has called for action worldwide to strengthen expertise in radiological protection**

## VANCOUVER CALL FOR ACTION

To Strengthen Expertise  
in RP Worldwide



**ICRP has called for action worldwide to strengthen expertise in radiological protection over concerns that a shortage of investment in training, education, research, and infrastructure will compromise society's ability to manage radiation risks.**

This could lead to unjustified exposure to or unwarranted fear of radiation, impacting physical, mental, and social well-being. It could also unduly limit the potential for research and development in new radiation technologies (for example, in healthcare, energy, and the environment) for beneficial purposes.



# Vancouver Call for Action

## ICRP calls for action to strengthen expertise in radiological protection worldwide through:

- **National governments and funding agencies** strengthening resources for radiological protection research allocated by governments and international organisations
- **National research laboratories** and other institutions launching and sustaining long-term research programmes
- **Universities** developing undergraduate and graduate university programmes and making students aware of job opportunities in radiation-related fields
- Using plain language when interacting with the public and decision makers about radiological protection
- Fostering general awareness of proper uses of radiation and radiological protection through education and training of information multipliers

# Support for the “Vancouver call for action to strengthen expertise in radiological protection worldwide”: the position of organisations in formal relations with the International Commission on Radiological Protection (ICRP)



**“to declare and emphasise that strengthening the expertise in radiological protection is a collective priority for all of us”**

Prepared by representatives of:

Conference of Radiation Control Program Directors (CRCPD), European Metrology Network for Radiation Protection (EURAMET e.V.), European Association of Nuclear Medicine (EANM), European Federation of Organisations for Medical Physics (EFOMP), European Nuclear Installations Safety Standards Initiative (ENISS), European Radiation Dosimetry Group (EURADOS e.V.), European Training and Education in Radiation Protection Foundation (EUTERP), Heads of the European Radiological Protection Competent Authorities (HERCA), Information System on Occupational Exposure (ISOE), International Atomic Energy Agency (IAEA), International Commission on Non-Ionizing Radiation Protection (ICNIRP), International Commission on Radiation Units and Measurements (ICRU), International Organization for Medical Physics (IOMP), International Radiation Protection Association (IRPA), Multidisciplinary European Low Dose Initiative (MELODI), National Council on Radiation Protection and Measurements (NCRP), Social Sciences and Humanities in Ionising Radiation Research (SHARE), United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR), World Nuclear Association (WNA)

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# Additional Thoughts

- The *Vancouver Call for Action* speaks about universities developing undergraduate and graduate programmes, but **community colleges, technical schools, and other educational institutions** also have an important part to play in developing expertise and capacity in radiological protection
- Similarly, **industry and employers** can and should support training and development, research, and general awareness of radiation and radiological protection
- A session dedicated to progress updates on the *Vancouver Call for Action* is being considered for ICRP 2025 Abu Dhabi, 7-9 October 2025



**ICRP2025**  
8<sup>TH</sup> INTERNATIONAL SYMPOSIUM ON THE SYSTEM OF RADIOLOGICAL PROTECTION  
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