



In the US radon association AARST, later CARST in Canada.

Georges-André Roserens (CH) proposed at the ROOMS Meeting in Meran (Italy) in 2008 to found a similar association to AARST in Europe ( $\rightarrow$  EARST)

In 2009, Erik Hulber (Radosys, Hungary) proposed at the HPA International Workshop on Quality Assurance in Radon Measurements in Chilton (UK) to found a similar association to AARST in Europe ( $\rightarrow$  European Association of Radon Professionals EARP)

May **2011**: Inter-comparison exercise in Ciudad Rodrigo (Spain) – new discussion that finally led to ...



# Foundation of the European Radon Association (ERA) on 28 May 2013 in Bouillon (Belgium)

Serves as a platform for exchange of information and for networking for radon experts

Addresses all radon sectors:

Companies (measurement, building protection), research facilities, authorities ( $\rightarrow$  ERA)

The European Radon Association is a non-profit International organisation registered under Belgian law n° BE549923484



**Objectives of ERA** 

# 1. To assist in reducing the health burden from radon in Europe (overall objective)

- 2. To promote public awareness of radon
  - European Radon Day (7 Nov, since 2015);
  - Radon video (see <u>www.radoneurope.org</u> or youtube, in several languages)





# **Objectives of ERA**

- 3. To provide a communication network for all radon professionals and other relevant groups
  - website (www.radoneurope.org)
  - mailings to the members
  - yearly workshops on specific radon topics
  - newsletters
  - ERA Radon Week 2018
- 4. To encourage the development of quality standards in indoor radon metrology, remediation, prevention and control technologies



# **Objectives of ERA**

- 5. To contribute to education and training in all aspects of the radon field and to assist in the organization of radon conferences
  - training course in Ciudad Rodrigo, Spain, 2016 (organised by UC)
  - training course in Lugano, Switzerland, 2018 (organised by SUPSI)
- 6. To serve as a consultative body to national and international agencies
  - collaboration with IAEA: training, webinars
  - fnancial support to ROOMS meetings





I ERA WORKSHOP: International and national radon regulations and strategies; Bouillon, Belgium, 29 May 2013

II ERA WORKSHOP: Prague, CZ, 15 Sep 2014

III ERA WORKSHOP: *Designing National Radon Plans* Krakow, Poland, 29 May 2016

IV ERA WORKSHOP: Occupational Exposure to Radon Ciudad Rodrigo, Spain, 28+29 Apr 2016

V ERA WORKSHOP: *Radon Risk Communication* Sofia, Bulgaria, 19 May 2017

VI ERA WORKSHOP: *Radon in National Building Codes* Lugano, Switzerland, 26 Sep 2018





# VII ERA WORKSHOP: *Radon measurements: Calibration, quality assurance and measurement protocols* Krakow (May 2019) OR Prague (September 2019)



# **ERA Radon Week**

Lugano, Switzerland 24 - 28 September 2018





# Training

#### Basic Training Course in Radon Metrology and Control Ciudad Rodrigo, Spain, 25-27 Apr 2016

#### **Radon Mitigation Course**

Lugano, Switzerland, 24-25 Sep 2018





# **European Radon Day**

On 7 November (birthday of Marie Curie); since 2015

→ leads to significant national radon awareness activities (see http://radoneurope.org/index.php/activities-andevents-2/european-radon-day/) !!!







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A workplan with specific workpackages and tasks, task leaders and task members has been established by the Executive Committee at its meeting on 1 Feb 2018.

This will help to address the main challenges of ERA in a coordinated manner and to set priorities.

All ERA members are more than welcome to contribute to one or more tasks !!!



workpackage	task	description/subtasks	task coordinator
ERA publicity / communication plan	proposal about options	website, social media, flyer, award, newsletter, ERA radon journal, fact sheets, communication channels, networking	José

workpackage	task	description/subtasks	task coordinator
attracting new members	list of benefits to members	identification (questionnaire to members), provision	Per
	proposal about options on how to communicate this to the various target groups		



workpackage	task	description/subtasks	task coordinator
website	proposal for improvement	platform, design, structure, contents, updating	José

workpackage	task	description/subtasks	task coordinator
training	training session within ERW 2018	organisation, contents evaluation	Wolfgang, Bernard
	promotion		
	certification procedure		



workpackage	task	description/subtasks	task coordinator
ERA radon day	promotion	promotion, tools (poster, video etc.)	Maria
workpackage	task	description/subtasks	task coordinator
ERA radon week	ERW 2018	announcements, promotion, evaluation	Wolfgang
	preparation of ERW 2019		EC

workpackage	task	description/subtasks	task coordinator
ERA documents	identifcation of a first document topic and type, preparation of ERA documents on radon topics	publication of position papers, recommendations, guidelines, good practices, documents resulting from training courses etc.	EC



workpackage	task	description/subtasks	task coordinator
international	liaison officers	COIRA	President
organisations		EC / Art. 31 GoE WP NAT	Boris
		HERCA	Wolfgang
		ISO	José
		CEN	
		ENA	Boris
		IRMA	Maria
		IAEA	Wolfgang
		WHO	Jim
		UNSCEAR	Wolfgang
		IRPA	
		ICRP	
		MetroRADON	Dobromir
		IAQ	Krzysztof, Bernard
		buildings	Bernard
		medical	





### **Executive Committee**

President Wolfgang Ringer (AGES – Austria)
Vice-president Per Nilsson (ÅF – Sweden)
Treasurer Boris Dehandschutter (FANC – Belgium)
Secretary José – Luis Gutiérrez (Radonova Laboratories AB – Sweden)
Rebecca Coates (PropertECO - UK)
Bernard Collignan (CSTB – France)
Maria Hansen (GM Scientific, UK)
Erik Hulber (Radosys – Hungary)
Stephanie Hurst (Saxony Ministry of Environment & Agriculture - Germany)
Geraldine Ielsch (IRSN – France)
Krzysztof Kozak (Institute of Nuclear Physics PAN – Poland)
James Mc Laughlin (UCD – Ireland)
Dobromir Pressyanov (University of Sofia – Bulgaria)
Matej Neznal (Radon v.o.s – Czech Republic)
Vladimir Udovicic (Institute of Physics Belgrade – Serbia)



### **Six General Assemblies**

yearly; Brussels, Prague, Krakow, Ciudad Rodrigo, Sofia, Lugano

### **14 meetings of the EC + teleconferences**

Prague, Brussels, Krakow, Stockholm, Dublin, Ciudad Rodrigo, Vienna, Sofia, Galway, Lugano







### **ERA Awards**

2016 Dr Betty-Denissa Burghele Babeş-Bolyai University, Cluj-Napoca, Romania

2017 Dr Zora S. Žunić Vinča Institute of Nuclear Sciences, Belgrade, Serbia



#### Website www.radoneurope.org

#### **European Radon Association**



Improving Awareness and Reducing Risk of Radon Exposure Across Europe

Home NEWS About ERA Activities and events Documents and Statements Members publications Links Contact Us Apply for Membership Benefits of Membership Current Members Membership renewals (restricted area) New Members (restricted area)

#### Home

There is a large and growing community in Europe of professionals such as scientists, technologists, public health officials and decision makers working in the radon field. Their areas of interest range from epidemiology, radiation dosimetry, instrument development and measurement protocols, remediation and prevention construction technologies to control strategies and regulation.

In recognition of this the European Radon Association (ERA) has been formed aimed at serving the interests of the European radon community and to assist in reducing the health burden of Radon Exposure in Europe.

#### Search our site:



Member Login Member Login

#### We are visited from:





#### **ERA Publicity**

An information leaflet with basic details about ERA has been produced in several different languages. This leaflet can be distributed at meetings and events to give a general introduction to ERA's aims and objectives. Below you can find the leaflet in different languages:

- English: <u>ERA trifold flyer ENGLISH</u>
- French: <u>ERA trifold flyer FRENCH</u>
- Spanish: ERA trifold flyer SPANISH
- Italian: <u>ERA trifold flyer ITALIAN</u>
- German: ERA trifold flyer GERMAN
- Portuguese: <u>ERA trifold flyer PORTUGUESE</u>

ERA is also active on social media and members and non-members are encouraged to



'connect', 'follow' and 'like' ERA to keep up to date with all the latest news: www.twitter.com/radoneurope



www.facebook.com/radoneurope



www.linkedin.com/groups/ERA-European-Radon-Association-7440083



# AARST CARST ERA UKRADON

Foundation September 2015 – coiraradon.com

#### ERA is still a young association – there is a lot to do

strategy workplan membership website networking

#### **BUT**:

That is a great opportunity for all members to contribute to the shaping of ERA ...

# Membership

(at present approx. 115 individuals and 21 companies)

Individual Membership (€50)

Retired Individual Membership (€25)

Student Membership (€10)

Company Membership < 10 Employees (€500)

Company Membership 10-50 Employees (€1,000)

Company Membership >50 Employees (€1,500)

Associate member

On-line application form: www.radoneurope.org Send application form to: secretary@radoneurope.org More information on ERA and on membership:

www.radoneurope.org



