



EUROPEAN RADIOECOLOGY ALLIANCE

E&T initiatives in the European Radioecology Alliance

Frank Hardeman
Chair of the ALLIANCE

frank.hardeman@sckcen.be



- The European Radioecology Alliance Association
 - “the ALLIANCE”
 - Founding Members
 - Objectives
 - Strategic Research Agenda
- Network of Excellence ‘STAR’
- E&T within STAR
- Further information
- Conclusions

- Board:

- Chair: SCK•CEN (Belgium):

- Frank Hardeman

- Vice-Chair: NRPA (Norway)

- Per Strand

- Secretary: CEH (United Kingdom)

- Brenda Howard

- Treasurer: IRSN (France)

- Jean-Cristophe Gariel - Jacques Repussard

- Founding Members:

- BfS (Germany) – Gerald Kirchner, Martin Steiner

- CIEMAT (Spain) – Almudena Real, Jose Gutierrez Lopez

- SSM (Sweden) – Ingemar Lund

- STUK (Finland) – Sisko Salomaa

- Coordinate and promote research in Radioecology in Europe
- Act as a Research Platform:
 - Definition of priorities
 - Identification of Research Programmes and Resources to achieve these objectives
 - Assessment of the results obtained
 - Promotion and Communication
- Make its information public

● Objectives:

- Develop a long term vision on the needs and implementation of Radioecology (decades)
- Sustainable after the end of present FP7 projects
- Translated in concrete research goals on shorter term (years) in a dynamic way
- Open for debate with all relevant actors
 - Research bodies (universities, research centres)
 - Authorities
 - Associations such as UIR, MELODI, HERCA, NERIS,....

- 7FP NoE; coordinator: IRSN (Tom Hinton)
- Alliance members except SSM (Sweden)
+ Stockholm University (Sweden) and UMB (Norway)
- Research Topics
 - Integrated human and non-human radiation protection
 - Radiation protection in a mixed contaminant context
 - Ecologically relevant low dose effects
- Strategic Research Agenda: via www.star-radioecology.org
 - Development of research needs and priorities
 - Education and Training to be elaborated later
- Debate on SRA: Paris, 12-13 November 2013



- WP6: Mobility, training and education
- Leader: Deborah Oughton, UMB (Norwegian University for Life Sciences)
- Stakeholder Consultations on 'Demand and Supply'. D6.1 available at: www.star-radioecology.org (STAR Publications)
- For Students:
 - UMB/Aix-Marseille: EU MSc in Radioecology in cooperation DoReMi
 - PhD/MSc course on 'Environmental Radiobiology' (in collaboration with DoReMi)
- For Professionals: STAR partners + Stirling University: Training about 'Erica' Tool (<http://www.eric-tool.com/>)
- Training Material
- PhD Research School: to promote networking between STAR students/scientists and members of the radioecology community

- On the European Radioecology Alliance
 - <http://www.er-alliance.org>
- On STAR and E&T
 - www.star-radioecology.org
- On EU Radioecology MSc at UMB
 - <http://www.umb.no/study-options/article/european-master-of-science-in-radioecology>



STRATEGY FOR ALLIED RADIOECOLOGY

Home Our Science Training & Education Working Together

[The Radioecology Exchange](#) > ... > [Training & Education](#)

Training & Education	STAR Education and Training
Student courses	The ultimate aim of the education in radioecology. To do this we are developing outreach out to students, teachers and network. Since radioecology is a multidisciplinary range of future career opportunities and research projects, as well as t
Professional courses	
Training Materials	
STAR PhD Research School	

- The European Radioecology Alliance (ALLIANCE) has been newly created to develop a vision on research needs for a longer term in Radioecology and to foster cooperation
- The ALLIANCE is open to new members
- At present, the preparatory work is part of the STAR NoE
- Priority in development of SRA has been given to Research
- Education, Training, Mobility are not forgotten and under further development
- Consult the websites regularly if interested

Acknowledgement

Thanks to the members of the ALLIANCE and the STAR WP6 leader Deborah Oughton for their valuable input to this presentation

STAR: FP7 (Contract Number: Fission-2010-3.5.1-269672)