

DoReMi Integrating Low Dose Research



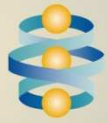
DoReMi and MELODI

Sisko Salomaa

STUK - Radiation and Nuclear Safety Authority

FINLAND

DoReMi/MELODI Training and Education Workshop, Rome, 2nd November 2011



DoReMi Integrating Low Dose Research

MELODI

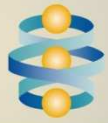
Multidisciplinary **E**uropean **L**ow **D**ose **I**nitiative

*Open RTD platform guiding priorities
in low dose research in Europe*

DoReMi

Low **D**ose **R**esearch towards **M**ultidisciplinary **i**ntegration

Network of Excellence 2010-2015

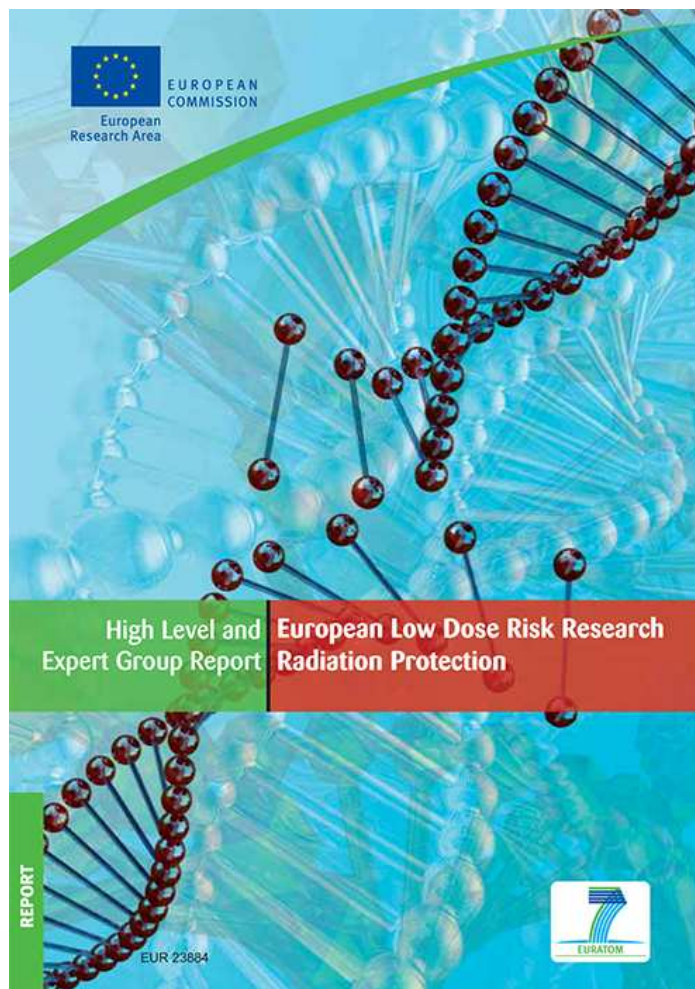


Background

- Decline of resources across Europe (human, research infrastructures)
- Small groups, fragmented research
- Arising new issues and paradigms demand multidisciplinary approaches and new competencies
- Uncertainties remain for low dose risk
- Need to focus on key questions for RP
- No single group, institute, country can solve the scientific issues alone



HLEG Report 2009

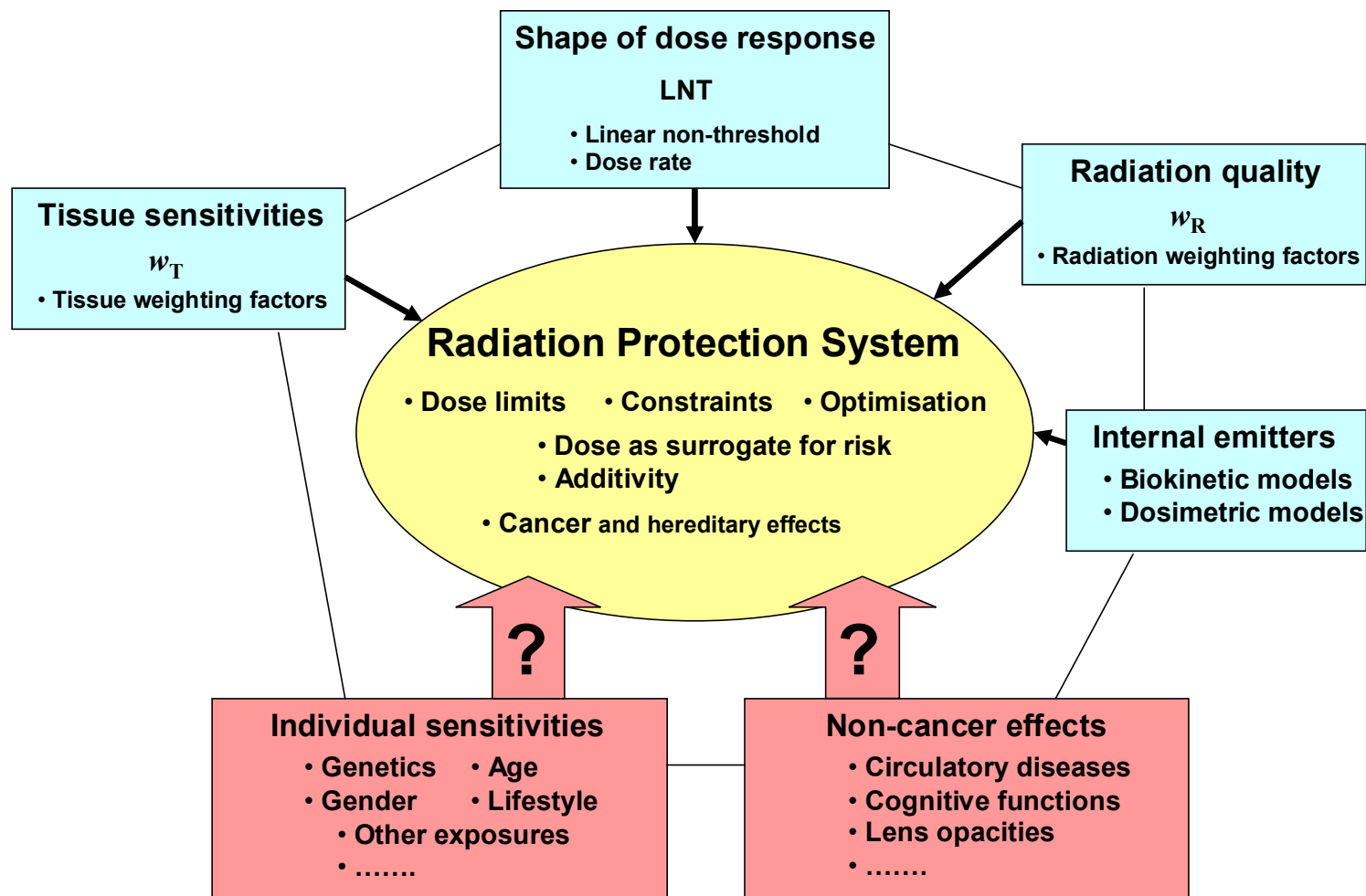


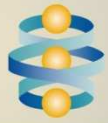
See Cordis for EC Report
EUR 23884

www.melodi-online.eu



How robust is the system of radiation protection and risk assessment?





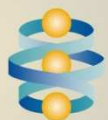
MELODI

Multidisciplinary European LOw Dose Initiative



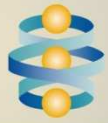
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- Letter of Intent: BfS, IRSN, CEA, STUK, ISS...
- 15 founding members
- Association
- A roadmap for the MELODI platform development
- Relationship between MELODI and DoReMi
- **Strategic Research Agenda (SRA)**

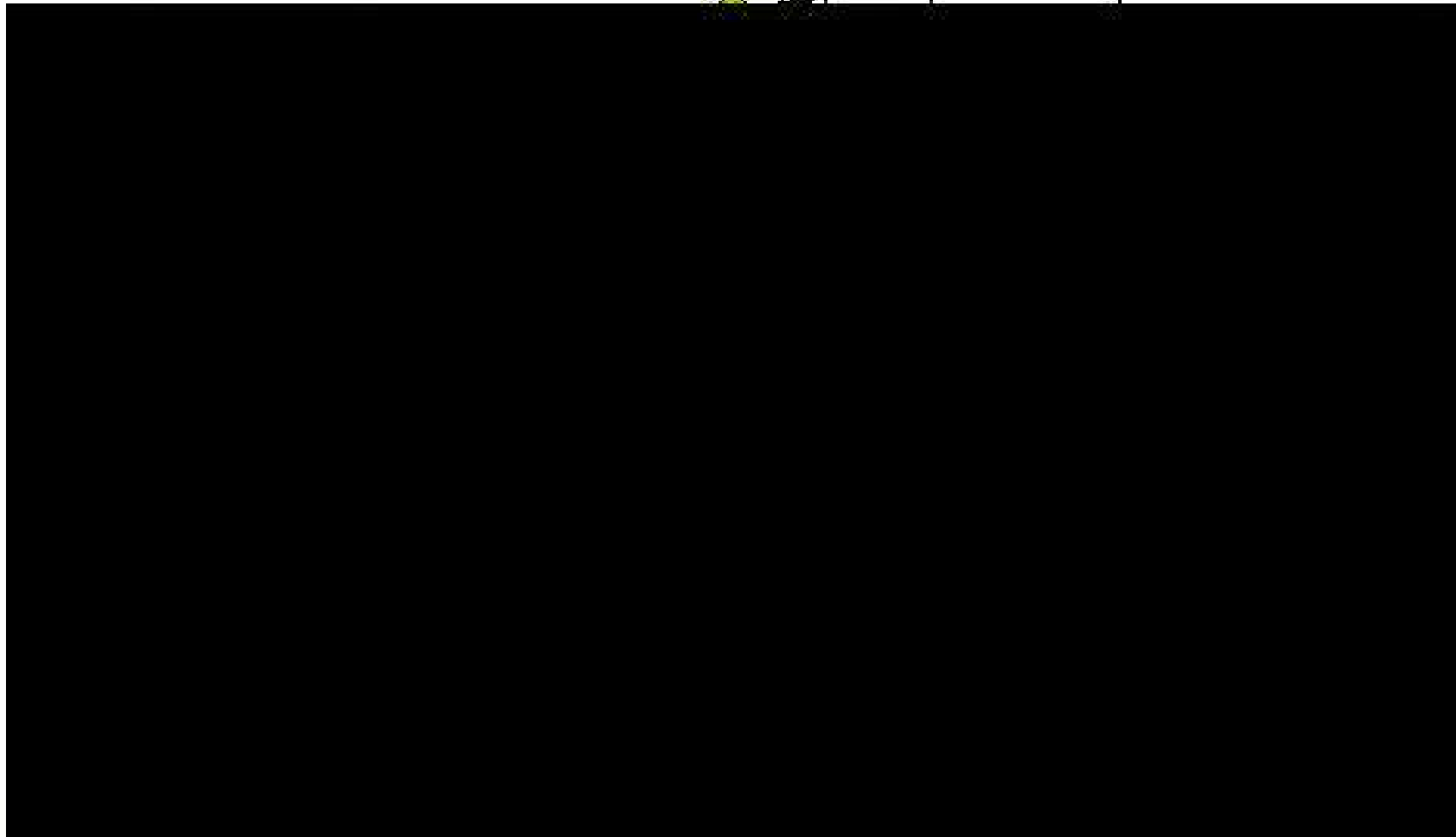


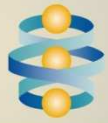
1.	<ul style="list-style-type: none">• BfS Federal Office for Radiation Protection, Germany
2.	<ul style="list-style-type: none">• CEA Atomic Energy and Alternative Energies Commission, France
3.	<ul style="list-style-type: none">• HMGU Research Center for Environmental Health, Germany
4.	<ul style="list-style-type: none">• HPA Health Protection Agency, United Kingdom
5.	<ul style="list-style-type: none">• IRSN Institute for Radiological Protection and Nuclear Safety, France
6.	<ul style="list-style-type: none">• ISS Direttore, Dipartimento Tecnologie e Salute Director, Technology & Health Department Istituto Superiore di Sanità, Italy
7.	<ul style="list-style-type: none">• ITN Instituto Tecnológico e Nuclear, Portugal
8.	<ul style="list-style-type: none">• National Institute for Nuclear, Chemical and Biological Protection, Czech Republic
9.	<ul style="list-style-type: none">• RIVM National Institute for Public Health and the Environment, Netherlands
10.	<ul style="list-style-type: none">• SCK.CEN Belgian Nuclear Research Centre, Belgium
11.	<ul style="list-style-type: none">• Stockholm University Centre for Radiation Protection Research, Sweden
12.	<ul style="list-style-type: none">• STUK Radiation and Nuclear Safety Authority, Finland
13.	<ul style="list-style-type: none">• TEXNIO Universitat Rovira I Virgili, Spain
14.	<ul style="list-style-type: none">• KVSF Kompetenzverbund Strahlenforschung, Germany
15.	<ul style="list-style-type: none">• Universidad Madrid Universidad Autónoma de Madrid, Spain

**Creation of the
MELODI
Association
with
15 Founding
Members**



MELODI and DoReMi: complementarity





The three goals of MELODI

- 1. To impulse low dose risk research in Europe, through an open and integrative Strategic Research Agenda approach**
- 2. To create a forum for dialogue with EU institutions and stakeholders**
- 3. To interface with international partners (WHO, IAEA, USA, Japan,...)**



DoReMi Integrating Low Dose Research

IRSN
INSTITUT
DE RADIOPROTECTION
ET DE SÛRETÉ NUCLÉAIRE

cea

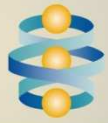


MELODI

Plenary Assembly and 2nd Workshop
Paris, 18-20 October 2010

Maison Internationale

17 boulevard Jourdan - F-75014 Paris, France

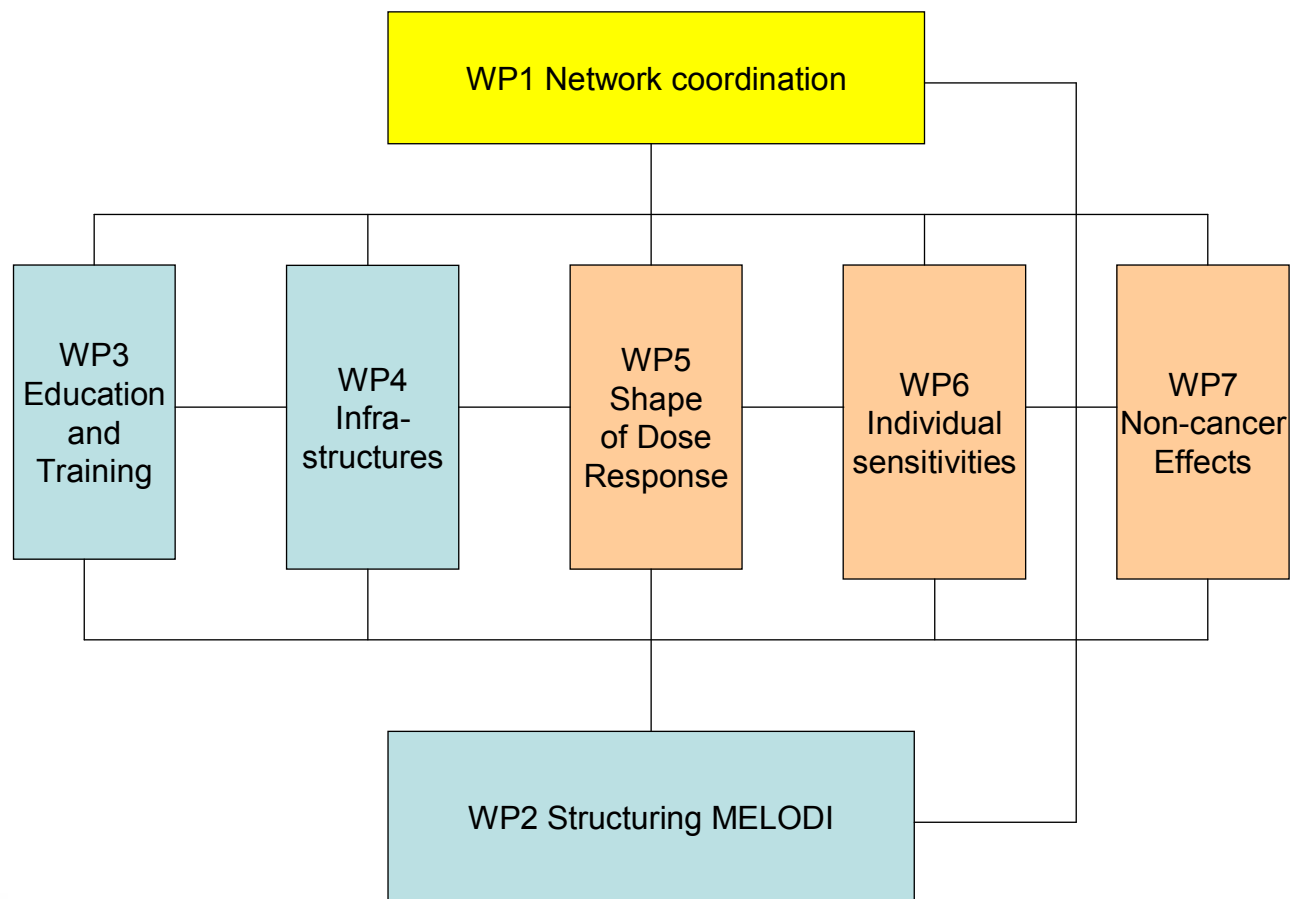


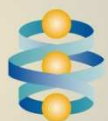
Aim of DoReMi

- To promote sustainable integration of low dose risk research in Europe
- To act as operational tool to establish the MELODI platform
- To address the key policy questions identified by the HLEG Report by research, training and dissemination activities



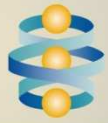
Work package structure





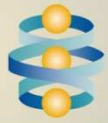
Consortium

No	Beneficiary name	Acron ym	Country	No	Beneficiary name (new members 2011)	Acron ym	Country
1	Radiation and Nuclear Safety Authority (Coordinator)	STUK	Finland	13	Universitaetsklinikum Erlangen	UKER	Germany
2	Institut de Radioprotection et de Sûreté Nucléaire	IRSN	France	14	Johann Wolfgang Goethe Universitaet, Frankfurt am Main	GUF	Germany
3	Helmholz Zentrum München	HMGU	Germany	15	Universitaet Rostock	UROS	Germany
4	Commissariat à l'Energie Atomique	CEA	France	16	Norwegian University of Life Sciences	UMB	Norway
5	Health Protection Agency	HPA	UK	17	Norwegian Radiation Protection Authority	NRPA	Norway
6	University of Pavia	UNIPV	Italy	18	Nasjonalt Folkehelseinstitutt	NIPH	Norway
7	Istituto Superiore di Sanità	ISS	Italy	19	Agenzia Nazionale per le Nuove Tecnologie, l'Energia e lo Sviluppo Economico Sostenibile	ENEA	Italy
8.	Belgian Nuclear Research Centre	SCK-CEN	Belgium	20	Institute for Environmental Sciences	IES	Japan
9	Bundesamt für Strahlenschutz	BfS	Germany	21	Dublin Institute of Technology	DIT	Ireland
10	University of Stockholm	SU	Sweden	22	Erasmus Universitair Medisch Centrum Rotterdam	Erasmus MC	Netherlands
11	Centre for Research in Environmental Epidemiology	CREAL	Spain				
12	Institut Curie	IC	France	Next competitive calls for new partners in 2012 and 2014			



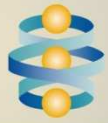
DoReMi links with scientific community

- **Competitive calls** for new partners are open for all scientific community (2010, 2012, 2014)
- **External experts** invited in exploratory workshops
- **Web site** and electronic newsletters
- Surveying national research and training activities and funding opportunities
- **Infrastructures** (development and access)
- Education and Training – **training courses**



Added value of integration

- From isolated studies, single disciplines and fragmented research towards a multidisciplinary joint program addressing key questions
- Strategic Research Agenda guiding joint activities
- Obtaining critical mass
- Integrating scientific disciplines
- Managing infrastructures
- Managing knowledge
- **Training the next generation of scientists**



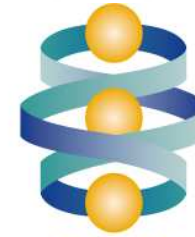
Acknowledgements



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 Mauro Belli
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 Alex Elliot



DoReMi
Integrating Low Dose Research

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