

# Provisional Work Programme 2007

in the area of

## Radiation Protection

# Scope of Specific Programme

- **Quantification of risks for low and protracted exposures**
  - epidemiological studies
  - understanding mechanisms
- **Medical uses of radiation**
  - enhance safety and efficacy (in diagnosis and therapy) through new methodological and technological developments
  - achieve balance between benefits and risks

# Scope of Specific Programme

- **Emergency management and rehabilitation**
  - improve coherence through development of common tools and strategies
  - demonstrate efficacy in operational environments
- **Malevolent uses**
  - Complementary to EC Security programme
- **Other topics (dosimetry, radioecology, natural...)**
  - more effective integration of national research activities

Topic		FP5 %	FP6 %
Risks at low and protracted doses	Radiobiology	~38	46
	Epidemiology	~9	25
Medical uses		12	7
Risk and emergency management		18	15
Other topics	Radioecology and environmental protection	10	5
	Dosimetry	13	0.6
Education and training		~1	~1

## Trends in FP5 and FP6 resource allocation

# WP 2007: Quantification of risk for low and protracted exposures

- **Non cancer effects, especially cardio- and cerebro-vascular diseases**
  - *One or more Collaborative Project/s*
- **Feasibility of establishing a prospective cohort of medically exposed children**
  - *A Support Action*

# WP 2007: Medical uses of radiation in diagnosis and therapy

- Reducing patient and occupational exposure
- Acquisition of key information for sound and scientifically based judgements on use of existing and emerging imaging techniques
- Quality criteria
- Synergy through networking
- Broadly applicable methodologies for assessing and reducing doses to peripheral tissues in therapy

*One or more Collaborative Project/s and/or  
Coordination Action/s*

# WP 2007: Emergency Management and Rehabilitation

- **Optimising the design of monitoring systems**
  - Develop methodology for optimising the design of monitoring systems at national or regional levels to better exploit state of the art decision support systems for emergency management (ie, to achieve more timely and better quality decisions)

*A Collaborative Project*

# WP 2007: Supporting infrastructure

- **Data bases and tissue banks**

- Design, refurbish, construct, operate and/or provide access to key data-bases or tissue banks for use in radiation protection research

*One or more Collaborative Project/Coordination Action or Support Action*

- **Radiobiology infrastructures**

- Assess status of radiobiology infrastructures in Europe and evaluate adequacy for low-dose risk research

*A Support Action*



# All WP: Actions supporting programme implementation and other activities

- Dissemination of programme results
- Contributing to strategic objectives, notably ERA
- Preparation of future activities

*One or more Support Actions*

# WP 2008 and beyond?

- **WP 2008**
  - expected to focus on low dose risk research – radiobiology and epidemiology
- **WP 2009**
  - as WP 2008 plus further research on medical uses of radiation
  - Possibility of NoE in fields of dosimetry and radioecology subject to outcome of FP6 projects?