



WORKSHOP
on
"Radiation monitoring and radiation protection
culture for people living in
long-term contaminated areas"

- A contribution of the European SAGE¹ project -

14-15 March 2005
Conservatoire National des Arts & Métiers (CNAM)
Paris, France

Sponsored by:



With the support of:



¹ The SAGE project "Strategies and Guidance for establishing a practical radiation protection culture in Europe in case of long-term radioactive contamination after a nuclear accident" is part of the 5th Framework Programme of the European Commission (EC) on Nuclear Energy - Research and Training, contract number: FIKR-CT2002-00205.

The partners are the Brest Branch of the Research Institute of Radiology (BB-RIR) in Belarus, the BELRAD Institute of Radiation Safety in Belarus, the Nuclear Protection Evaluation Centre (CEPN) in France, the Institute of Radiation Protection (GSF) in Germany and the National Radiological Protection Board (NRPB) in the United Kingdom. The project is coordinated by CEPN.

SAGE website: <http://www.ec-sage.net/>

OBJECTIVES OF THE WORKSHOP

The overall aim of the SAGE project is to promote the **development of a practical radiation monitoring and a radiation protection culture for people living in long-term contaminated areas resulting from a nuclear accident or a malevolent act**. Its main output is a handbook including comprehensive guidance for the health care professionals and the general population on practical advice to follow in a contaminated territory in order to avoid unnecessary exposures in the course of day-to-day activities and to adopt a responsible and prudent attitude with regard to the protection of health.

This workshop, organised before the finalisation of the project, will provide the opportunity for the five partners of the SAGE project to present the findings of their works to interested parties, to discuss ways for the implementation of strategies and guidance they are proposing, and to prepare recommendations for further possible developments at a European level with representatives of Western European expert organisations and authorities. The SAGE project concentrated on four main topics that will be presented and discussed during the workshop:

- State of the art infrastructures in Germany, France and the UK as far as long-term management of contaminated situations is concerned
- Post-Chernobyl accident radiation monitoring systems in Belarus today
- Handbook on *practical radiation monitoring and radiation protection culture for people living in a long-term contaminated area*, especially for local health professionals in their day-to-day relationship with patients
- Dynamics of stakeholder involvement in the development of the Handbook

Invited presentations of other experiences in managing long-term contamination will be given by Western European representatives and NGOs (Norway, Wales, France). Several French, German and English stakeholders who helped the SAGE partners in constructing the above mentioned handbook will participate in the workshop.

A particular feature of the workshop will be the participation of Belarusian health professionals who are living in contaminated territories and who were directly involved in the SAGE project.

BACKGROUND

The evaluation of the rehabilitation strategies implemented in the contaminated territories of the former CIS countries affected by the Chernobyl accident highlighted the need and importance to involving the population in the day-to-day management of the radiological situation to complement the rehabilitation programmes implemented by governmental authorities, especially in the long-term.

In particular, the ETHOS Project in Belarus (1996-2001) has revealed that in order to be effective and sustainable, this involvement must rely on the dissemination of a practical radiological protection culture within all segments of the population and especially within professionals in charge of public health and education systems. Experience from ETHOS has demonstrated that the development of such a culture requires several factors to be combined. These include basic knowledge about exposures pathways in a contaminated environment combined with direct access through measurements to evaluate the radiological quality of this environment (inclusive radiation monitoring). The establishment of such a shared culture also implies the setting up of a specific infrastructure related to the health care and education system. This infrastructure must bring together public and local professionals to implement the necessary management procedures. The involvement of NGOs and representatives of the public in the practical implementation of rehabilitation strategies has proved to be a key factor for their effectiveness and quality.

The objective of the SAGE Project is to contribute to the development of strategies and guidance for implementing and disseminating such a culture in Western Europe, in case of an accident or malevolent act with long-term radiological consequences. The main output of the project is a handbook on practical radiation protection culture for those living in a long-term contaminated area. This includes comprehensive guidance for the health care professionals but also for the general population as well as practical advice to avoid unnecessary exposures during normal living and to adopt a responsible and prudent attitude towards health and environmental aspects.

The SAGE Project is essentially based on the lessons learnt from the experience of the day-to-day management of the radiological situation by professionals and local populations living in the contaminated territories during the last 18 years in Belarus. The practicability of the proposed strategies and guidance has been evaluated by "stakeholders panels" involving professionals from the public health area (nurses,

midwives, medical doctors, radiation protection experts, medical social workers, and NGOs) both in the contaminated territories of Belarus and in the three participating Member States (France, Germany, United Kingdom).

The SAGE Project has started in October 2002 and will be ended with the publication of the Proceedings of this workshop.

STRUCTURE AND TOPIC

The workshop is structured in order to allow participants to deepen their knowledge and understanding on what are or could be the expectations of those living in a contaminated territory.

To achieve this objective time will be devoted for discussions between stakeholders after each presentation. There will also be specific sessions for topical work conducted in small groups during one afternoon. Finally a round table will allow recommendations to be elaborated that could reflect future trends on the management of long-term rehabilitation of living conditions in Western European countries in case of long term contamination of the environment.

TARGET AUDIENCE

The workshop is open to all stakeholders directly concerned or interested in the long-term management of radiation protection and monitoring after an accidental or malevolent contamination of a territory, especially professionals and authorities of the health sector at the local and national levels, radiological safety authorities, governmental advisors, local authority representatives, representatives of NGOs which are working in the area of control and monitoring of radiation.

Note: Attendance will be limited to 80 participants.

ORGANISATION & SPONSORSHIP

The workshop is hosted by the Conservatoire National des Arts & Métiers.

It is sponsored by the :

French Nuclear Safety and Radiation Protection Authority (DGSNR)

and the

French National Institute of Radiation Protection and Nuclear Safety (IRSN)

and also supported by the French Embassy in the Belarus Republic.

PROGRAMME & ORGANISING COMMITTEES

The members of the programme committee are:

Mr Jacques Lochard (CEPN)

Pr Vassili Nesterenko (BELRAD)

Mr Alexandre Soudas (BB-RIR)

Mrs Anne Nisbet (NRPB)

Mrs Irene Fiedler (GSF).

The members of the organising committee are:

Mrs Lucie D'Ascenzo (CEPN)

Pr Catherine Luccioni (CNAM)

Mr Pascal Croüail (CEPN)

WORKSHOP LANGUAGE

Presentations and discussions will be in English. However, interpreters will be present for translation from English and French to Russian and from Russian to English.

VENUE

CNAM: entrance 2 rue Conté Paris 3rd district. Metro: "Arts et Métiers"



ACCOMMODATION

The organising committee has selected the following hotels in the vicinity of the workshop location:

Hôtel PARIS FRANCE HOTEL

72, rue de Turbigo PARIS 3rd district.
 Metro: Arts et Métiers, RER: RER A-Châtelet les Halles
 Single room from 62.00 euro to 69.00 euro
 Double room from 76.00 euro to 86.00 euro
 Breakfast: Continental 6.00 euro

Internet <http://www.paris-france-hotel.com>

Hôtel BELLEVUE ET CHARIOT D'OR

39, rue de Turbigo PARIS 3rd district.
 Metro: Réaumur Sébastopol, RER: RER A-Châtelet les Halles
 Tél. +33 1.48.87.45.60 - Fax. +33 1.48.87.95.04
 Single room 54.00 euro
 Double room 60.00 euro
 Breakfast: Continental 5.25 euro

Internet <http://www.hotelbellevue75.com>

Hôtel GRAND HOTEL DES ARTS ET METIERS

4, rue Borda PARIS 3rd district.
 Metro: Arts et Métiers, RER: RER A-Châtelet les Halles
 Single room 30.00 euro
 Double room 40.00 euro
 Breakfast: Continental 3.81 euro

Other possibilities:

http://www.paris-hotel-resa.com/hotel_paris_3.htm

<http://www.paris-tourism.com/carte/>

FEES

The registration fees of the SAGE workshop are 200 euros. Only institutional participants will have to pay fees.

CORRESPONDENCE

For more information on the organisation of the workshop, please contact:

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PROGRAMME

Monday 14 March 2005

9h00 **Introduction**

- Welcome addresses
X, Conservatoire National des Arts & Métiers
M. Bourguignon, Deputy Director of DGSNR
- Presentation of the SAGE Project (Pascal Croüail, CEPN, France)

9h30 **The rehabilitation of living conditions in contaminated territories: the ETHOS Project in Belarus**

Film by Sylvaine Dampierre (32 mn)

10h15 Coffee break

10h45 **Session 1: Results of the SAGE Project**

Chairman: M. Hugon (Scientific Officer, European Commission)

- Paper n° 1 – The Chernobyl radiation monitoring system in Belarus today (Alexei Nesterenko, BELRAD, Belarus)
- Paper n° 2 – Radiation monitoring and countermeasures in Norway since the Chernobyl accident (Tone Bergan, NRPA, Norway)
- Paper n° 3 – Post accidental management: strength and weaknesses of radiation monitoring in France, Germany and UK (Irene Fiedler, GSF, Germany)
- Paper n° 4 – The dynamics of stakeholder involvement in the development of the SAGE Project (Anne Nisbet, NRPB, UK)

12h30 Lunch

14h00 **Session 1 – continued**

- Paper n° 5 – Presentation of the SAGE Handbook: "*Practical radiation monitoring and radiation protection culture for those living in a long-term contaminated area*" with the participation of Members of the European and Belarusian SAGE stakeholder panels.

15h00 Coffee break

15h30 Session 2: Topical Working Groups

The participants will be divided into four working groups. Each of them will be invited to contribute to one of the following topics. Results of the working groups will be then presented in plenary session on Tuesday.

Topic 1. Contents of the handbook**Topic 2. Role of stakeholders****Topic 3. Tools for informing dialogue with stakeholders****Topic 4. Diffusion of the "SAGE approach"**

17h30 End of the day

20h00 Official Dinner

Tuesday 15 March 2005

9h00 Session 3: The way forward

Chairman: A. Oudiz (Strategic Program Director – Post-Accident Management, IRSN, France)

- Paper n° 6 – A non-governmental organisation's perspective on citizen vigilance (Jean-Claude Autret, ACRO, France)

9h30 Working Groups debriefing

10h30 Coffee break

11h00 Session 3 - continued

- Paper n° 7 – The management of long-term chemical contamination of the environment: a case study from Wales (Mark Temple, National Public Health Service, Wales).
- Paper n° 8 – The role of radiation monitoring in the Mother and Child Health Project in the Bragin District in Belarus (Tatiana Kotlabai, "Sprouts of Life" NGO, Belarus).
- Paper n° 9 – Toward an integrated approach on rehabilitation strategies for long-term contaminated territories: the EURANOS Project (Gilles Hériard-Dubreuil, Mutadis, France).

12h30 Lunch

14h00 Session 4: Round table

15h30 Adoption of recommendations

15h45 Closing coffee