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Transparent and traceable decision making in off-site nuclear emergencies

20 April, Brussels

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Purpose of the Seminar

- To review the state-of-the art decision support systems for management of off-site consequences of nuclear emergencies
- To review the emergency management processes in different countries
- To introduce the use of decision analysis in nuclear emergencies
- To introduce facilitated workshops as a method of stakeholder involvement in decision making
- To discuss about the experiences gained in European exercises (developers and end-users)
- To hear how these experiences are taken into account in further development of decision support systems at the European level

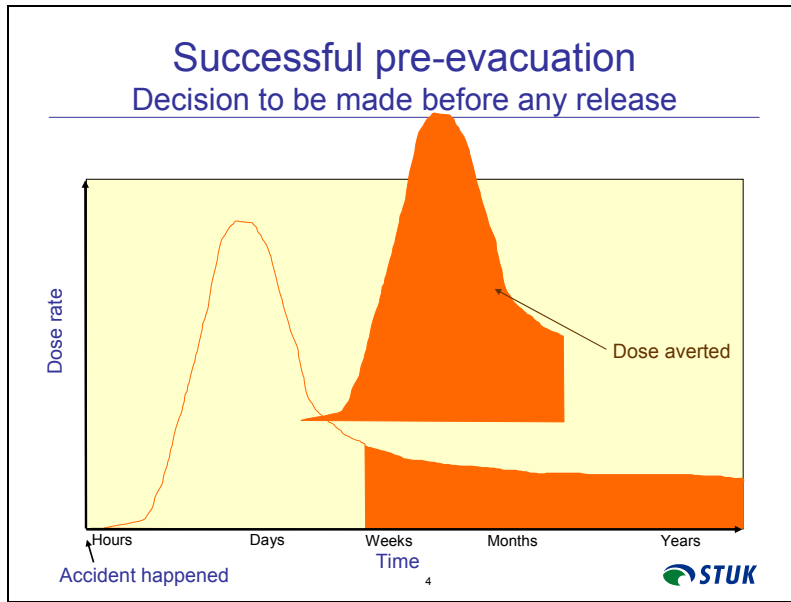
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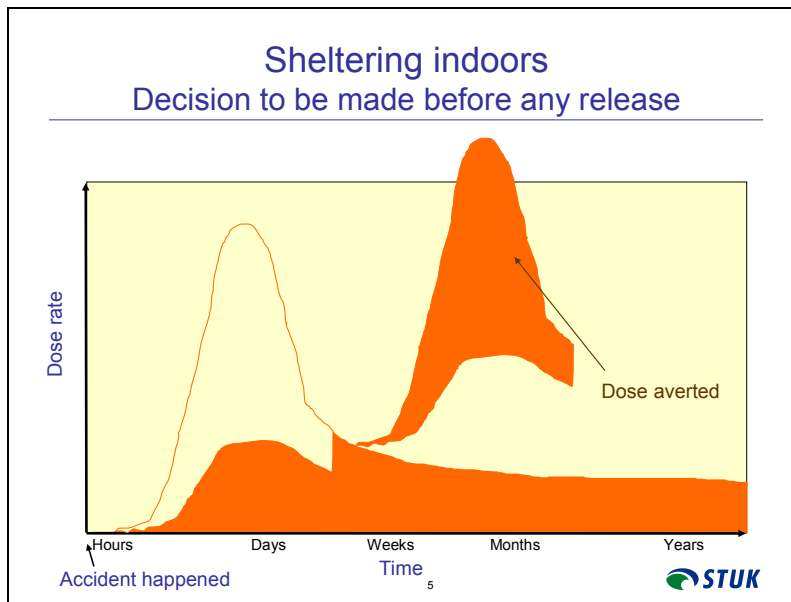
How are we exposed to radiation during and after a nuclear accident ?

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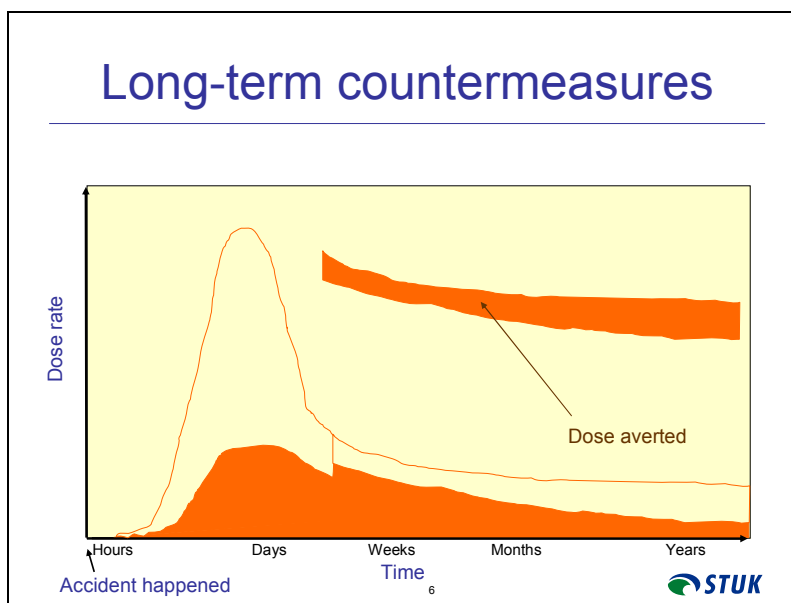
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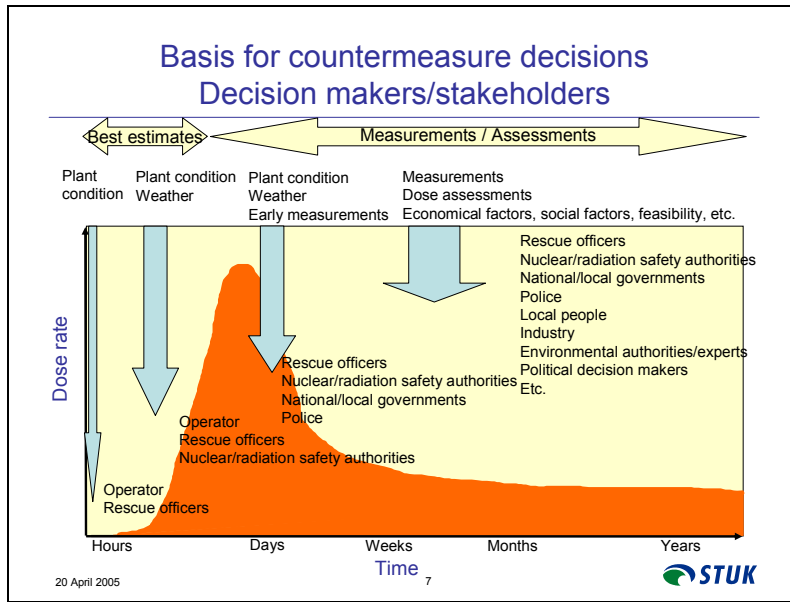
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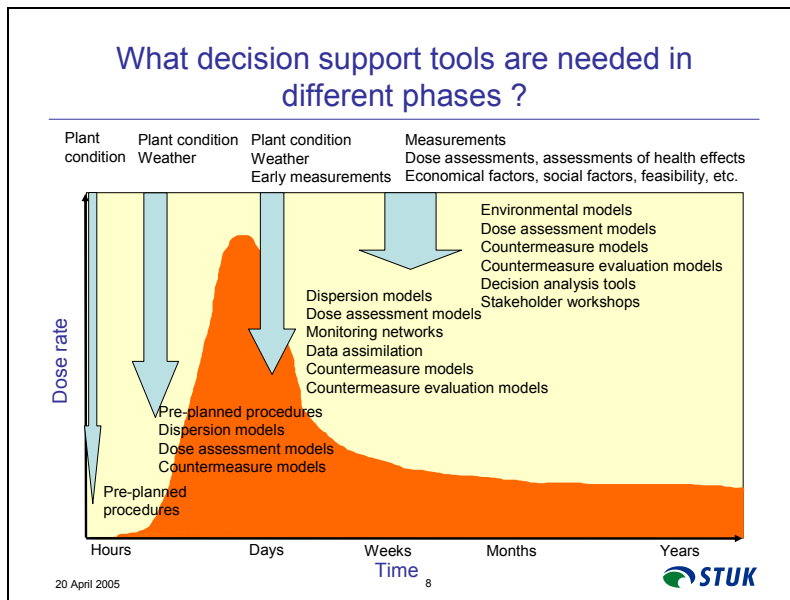
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- ### To be able to make right decisions at right time, we need
- to know the decision makers and related stakeholders (emergency management processes)*
 - to have systems to trigger the emergency management and collect information about the emergency situation (emergency plans, monitoring systems, decision support systems)
 - to have methods to rank different countermeasure options (evaluation tools, decision analysis)*
 - to have methods to get impact from all relevant stakeholders on decisions of countermeasures (facilitated workshops)*
- * these were the topics of EVATECH research project under the 5th Framework Programme of EURATOM, Contract No. FIKR-CT-2001-00193
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Why did we invite you here ?


- today we have methods and technical solutions to treat all key issues in off-site management of nuclear emergencies
- it is not enough that you can make right decisions in your own organisation/country
- you have to communicate the public and other countries about your decisions in a way that also the others can understand your decisions and rationale behind them
- your decisions should be transparent and traceable
- today we want to tell how it is possible

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The Seminar Programme (1)


1. Decision making processes and decision makers in different phases of a nuclear emergency situation, Prof. Simon French
2. Information being available to decision makers in different phases of a nuclear emergency, Mr. Wolfgang Raskob
3. Use of decision analysis in nuclear emergencies, Prof. Raimo Hämäläinen, Prof. Jutta Geldermann
4. Facilitated workshop -a method of key players involvement in decision making, Dr. Kari Sinkko

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The Seminar Programme (2)

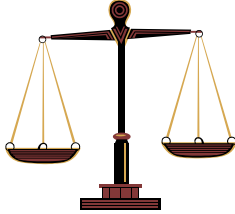
5. Experiences gained about facilitated stakeholder panels and applied decision analysis, Dr. Joanne Brown
6. End-users' panel discussion, chaired by Dr. Carlos Rojas Palma
7. EURANOS, integrated research project in the area of nuclear and radiological emergency management in Europe, including rehabilitation of contaminated areas (2004 - 2009), Mr. Wolfgang Raskob
8. End of the Seminar

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The question is...

... how to make decisions on protective actions which are in balance with regard to overall benefit and harm ?



... and how to communicate others about these decisions ?

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Partners in EVATECH

- (1) Radiation and Nuclear Safety Authority - Finland
- (2) The Manchester Business School- United Kingdom
- (3) National Radiological Protection Board - United Kingdom
- (4) Forschungszentrum Karlsruhe GmbH - Germany
- (5) Universität Karlsruhe - Germany
- (6) Bundesamt für Strahlenschutz - Germany
- (7) Danish Emergency Management Agency - Denmark
- (8) VUJE Trnava Inc. - Slovakia
- (9) Belgian Nuclear Research Centre - Belgium
- (10) Institute of Atomic Energy - Poland

Helsinki University of Technology - Finland
Prolog Development Center A/S - Denmark
The Nuclear Regulatory Authority of the Slovak Republic

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