

# Welcome



Ernst Warnecke; IAEA / NSRW

R<sup>2</sup>D<sup>2</sup>Project: Workshop 'Decommissioning Technologies'  
Forschungszentrum Karlsruhe; Germany 06-10 July 09



**IAEA**

International Atomic Energy Agency

# Welcome

- Cordial WELCOME to all participants, in particular the new ones

# Thanks

- Thanks to the German Government / FZK for hosting the 'Technologies' workshop
- Thanks to the FZK staff for preparing this event and for carrying it out
- Special thanks to
  - Mr. Pfeifer: first contact; made it all happen
  - Mr. Schrammel: responsible course leader
  - Ms. Mann: all the organisational arrangements
  - Ms. Graf: line out of the workshop / agenda
  - All speakers: providing the substance / meat

# R<sup>2</sup>D<sup>2</sup>P Background

- R<sup>2</sup>D<sup>2</sup>P: Research Reactor Decommissioning Demonstration Project
- 6 workshops held in Manila, except one:
  - Legal and regulatory framework (26-30 June 2006)
  - Basics of decommissioning (16-20 October 2006)
  - Transition phase (ANSTO); (12-16 November 2007)
  - Characterisation survey (03-07 December 2007)
  - Project planning, ... (15-19 September 2008)
  - Cost calculation (30 March-03 April 2009)
- Workshop no. 7: 'Technologies'; Karlsruhe

# Original Workshop Schedule

- Legal / regulatory 06/06
  - Basics of D+D 10/06
  - Characterisation 02/07
  - D+D plan 05/07
  - D+D technologies! 09/07
  - Cost estimates 02/08
  - Review D+D plan 05/08
  - Prepar. for D+D 09/08
  - Decont. exercise 05/09
  - Dismantl. exercise 10/09
  - Dismantl. exercise 02/10
  - Dismantl. exercise 06/10
  - Decont. exercise 10/10
  - Final survey / bldg. 05/11
  - Final survey / envir. 05/11
  - Final D+D report 10/11
- Additional workshops:*
- Transition (ANSTO) 12/07
  - Safety Assessment 2009??
  - Delay of about 1,5 years
  - Careful implementation!
  - Check: What to do next?  
What is needed?
  - Complementary activities!

## Purpose of R<sup>2</sup>D<sup>2</sup>P

- To provide information to participating countries on how to decommission their research reactors (or other facilities)
- To encourage participating countries to improve national situations according to the lessons learned at R<sup>2</sup>D<sup>2</sup>P workshops
- National reporting on progress
- Assessment of national situations

# National reports

- National reports prepared on some of the most important 'issues'
  - Independent regulatory body
  - Legal and regulatory framework
  - Licensing or other type of authorisation
  - Decommissioning plan / implementation
  - Decommissioning cost calculation / funding
  - Progress and achievements
  - Issues / challenges

# Review of national reports / Findings

- Reviews of the reports in three groups
  - Algeria, Argentina, Indonesia, Vietnam
  - Brazil, Egypt, Malaysia, Romania
  - Libya, Mexico, Philippines, Serbia
- Assessment of reports per country, e.g. Argentina, Indonesia, Vietnam assess the N.R. of Algeria (and so on)
- Summarise findings on national situations (template)

# General Information

- New WES Decommissioning Unit Head not yet appointed
- My contract ends on 17 July 2009 (Good Bye!)
- Contact: Vladan Ljubenov + Paul Dinner
- R<sup>2</sup>D<sup>2</sup>P website / workshop materials  
<http://www-ns.iaea.org/projects/r2d2project/default.htm>
- Introduction of participants
- Practical and administrative information (Host)

# THANK YOU

