

➤ **Current situation**

- **Strong requests** for improved MA evaluations (advanced fuels, current and future reactors,...)
- **Common and important issue to all file projects**
- Improved evaluations will require
 - ✓ (new) differential and integral **measurements**
Various **independent** initiatives...
Common sample procurement problem
 - ✓ much reliance on models
 - ✓ the **combination** of all the available information

➤ **IAEA/CRP proposed**

- To start in **2007**
- Could help co-ordinate measurement activities, sample preparation/sharing, attachments of physicists,...

➤ Proposal

- Starting from the quantified evaluation needs, use the 2005-2006 time period to
 - ✓ Analyse in detail the available experimental data base
 - ✓ Define **precisely** what measurements are needed (capture/transmission, energy range, target accuracy, FP yields, DND,...)
 - ✓ Identify which ones are feasible (mass of target material, chemical form,...) and where they can be performed and under what conditions

Example: See work by O. Bouland (ND2004)

- These “specifications” could serve as inputs to the IAEA/CRP
- **WPEC/HPRL group could be asked to focus on this issue as a priority**