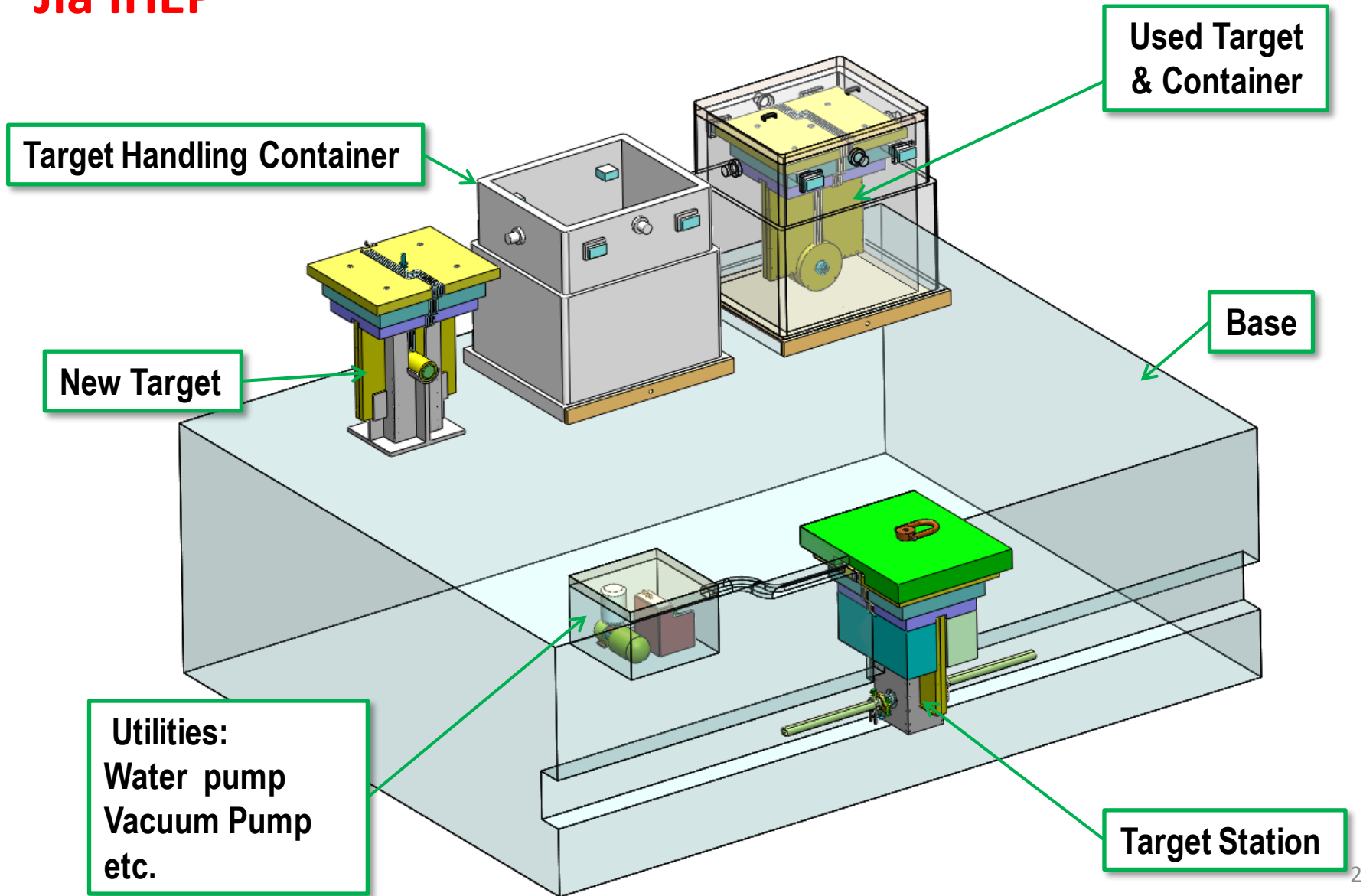


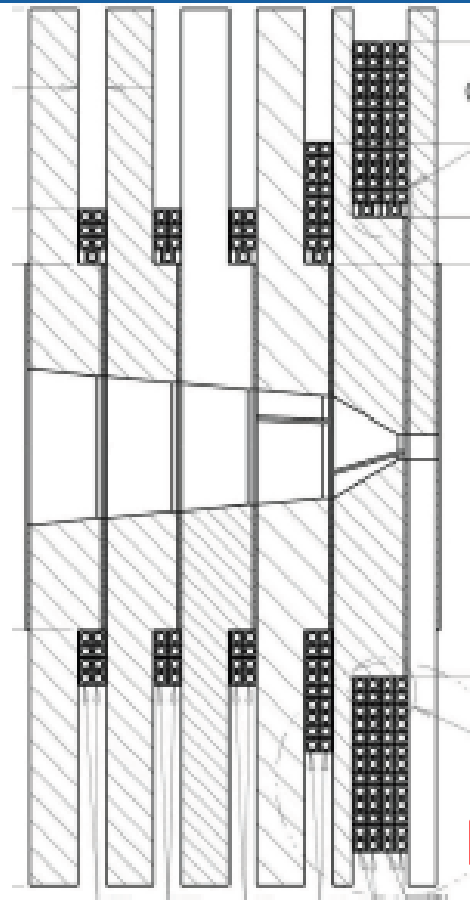
KILC 2012 e+ session summary

- Performed initial costing, no significant over RDR.
- Progress made in many technical areas (target, OMD, remote handling and collimators), no surprises and show stoppers found.
- A final parameter tables established based on the present technologies.
- Alternative schemes (hybrid, conventional and Compton) are progressing nicely, but still in early R&D stages.
- Simplified CFS configurations.

New General Layout for Remote Target Replacement , Jia IHEP



Water cooling and room temperature greatly simplifies the design



- Device sits in the vacuum
- All power and cooling connections move to the rim
 - Coils are kapton wound, hollow copper, water cooled
 - Plates are OFHC copper with water cooling pipes soldered in
 - Only metal in the high radiation areas
- Plates and coils stack and bolt together

New OMD design,, Jeff Gronberg, LLNL

