

Political support for advanced reactors

SNETP priorities

- NC2I is considered as the third pillar
 - the smallest one
 - low chance to gain „critical mass” to deploy HTGR
- GFR Allegro is considered as the third reactor in ESNII
 - the slowest one
 - low chance for deployment in foreseeable future

Presenting HTGR & GFR as two projects of a common programme could make our voice sound louder

- Joining the forces gives the critical mass
- HTGR could be a milestone on the way to GFR, making its schedule less distant
 - „HTGR should be a Fast Gas Reactor” (Michael Fuetterer)

Political support for advanced reactors

European Commission / H2020 / EURATOM

- Today GFR & HTGR proposals compete with each other
 - even they are conducted by ~ the same institutions
- EC views on GFR & HTGR are like those from previous slide
- HTGR & GFR could support each other presenting themselves as two projects of a common programme
 - Coherent lobbying via Euratom Committees, SET Plan action 10, ...

Political support for advanced reactors

Visegrad Group (V4)

- CZ, HU, PL & SK govts realised that V4 alliance gives them better position in EU
- All 4 are pronuclear and have nuclear cooperation on agenda
- They are not aware of our existing cooperation
- R&D roadmaps are not coordinated and funding decisions are not coherent
- Some govts funds HTGR only, some others GFR only
- If we could present coherent roadmap, we have a chance for more reasonable funding
- V4 Nuclear Day (14.06?) in Warsaw could be a starting point

Objectives of V4 nuclear cooperation

- **European Union**
 - Common position on nuclear matters in EU (alliances with Baltic and other likeminded countries).
 - Harmonised use of EU structural funds for nuclear research infrastructures and demonstrators.
 - Common priorities for H2020 (especially Euratom) workprogrammes.
- **Newbuilds**
 - Exchange of experience (financing, business models, etc.)
 - Building common workforce and supply chain.
- **Regulatory framework**
 - Cooperation of regulators and TSO's, exchange of experience.
 - Harmonisation of safety and security requirements.
- **Research & Development**
 - Shared use of research infrastructures (MARIA, SUSEN, ...)
 - Common projects (HTGR, ALLEGRO, ...)
- **Nuclear waste**
 - Regional reprocessing and repositories?

Goals of the V4 Nuclear Day

1. Exchange of information about nuclear activities and plans
2. Inventory of existing and possible common initiatives and objectives
3. Connecting political V4 framework with research framework (V4G4, ...)
4. Setting up a structure to realise the objectives listed above (MoU, Committee, ...)