BTY line / 2 GeV / Proton driver

- Clear gain: stay ahead in energy, in target production, beneficial at constant power for FE/Target lifetime…
- STAGISO: what it would take from the PSB side to have 4 rings STAGISO (less stress on targets)
- Divert the beam to new FE (to be looked as part of dipoles replacement/beam line change)
- 1.4 – 2 GeV, discrete standard energy. 1.4 to 2.0 GeV intermediate energies could be of interest for dedicated periods (to discuss with PSB team).
- Check beam size on target remains the size with 2 GeV upgrade

Target production / Dumps

- Gain for Front End lifetime
- Gain for target lifetime at constant power / higher energy or going to higher intensity (in some cases)
- Gain in production going to GeV
- Beam dump core would be exposed more but clearly technical competence at CERN to design proper device
- Target development, autopsy
- Document what has been discussed during those two days

Additional FE, beam purification/ REX

- Additional FE not part of baseline of dump exchange. Operational gain of more FE, flexibility. Risk for ISOLDE to be too demanded and not able to deliver ?
- How to operate more FE, produce more targets at constant resources
- Common central beam line seen as essential (more than new target station)
- Pulse to pulse switchyard distribution seems feasible and interesting (for some beams) as alternative for operational flexibility
- Building (extension) should not be foreseen without proper integration and include situation (space inside the hall). Who can look into this ?
- No time to discuss beam purification, but people willing to contribute to studies group
- Not time to discuss REX.