

# Conclusions of Panel

## -II. Pillar of HE and EXCELLENT, MISSION ORIENTED, RESEARCH ON HIGH REPETITION/HIGH ENERGY LASERS

- Experiments enabled by ELI ERIC and its facilities already contribute to EU RnI objectives in the area of health including cancer diagnostics and treatment, energy security, material science, nanotechnologies and industry competitiveness in general, and should participate further in these topics in HE, Pillar II. The added value of the ELI is the concentration of unique laser capability in single sites, which in the case of high repetition, high energy lasers provides much more data in shorter time in comparison with other facilities.
- The plethora of particles generated by ELI high repetition, high energy lasers secondary sources enables many types of experiments. In order to make use of opportunities provided by this technology, ELI ERIC should change its point of view from „source oriented“ to „use, user oriented,“ by engaging in dialogue with users from new scientific communities. Even form a platform for this purpose.
- In order to reach out to these new communities ELI ERIC should engage with such organisations as JRC and EMBL.
- Start pilot projects with excellent scientists as ambassadors of ELI.
- CLPU could be a possible connection to ELI facilities, e.g. performing experiments on a smaller scale.

