

Overall goals as stated in the invitation letter:

1. Review the interests/plans/visions in the world-wide research community (inside and in particular outside particle physics) for high gradient developments and associated high efficiency power sources.
2. Review the capabilities and plans of main industrial partners that can produce structures and power sources for future projects of this type, within particle physics, for future FELs or the medical field - or yet other applications.

The meeting will also allow informal contacts between existing and potential users and the relevant industries. In the longer term we would like to follow up this initial meeting with common industrial studies and developments, if there is sufficient basis for such initiatives.

Possible outcomes (non exhaustive list of examples) - to be discussed at the end of each session

Overall (session 1):

- Set up "forum/network" of projects/industries interested in these developments and follow up yearly (using high gradient workshops, CLIC workshops, Eucard II network, other), in order to prepare common studies and projects.
- Consider later on common funding applications in the framework of Horizon 2020 programme.
- Typical technical area where combined work would be needed could include structures/complete modules, RF power units, and possibly gun/injector - others ?
- Share information with potential and qualified suppliers for various technologies relevant for these technical areas.

Possible outcomes (non exhaustive list of examples) - to be discussed at the end of each session

For structures and modules (session 2):

- Establish formal links between the project proponents and key industries (e.g. forum/network mentioned above) - assuming informal contacts will be created anyway.
- Consider common industrial studies and possibly prototyping in the area of high precision structures, RF components and integrated modules.
- Consider if a demonstrator module suitable for klystron driven x-band linac could be developed as a demonstrator.

For RF power components and units (session 3):

- Establish formal links between the project proponents and key industries (e.g. forum/network mentioned above) - assuming informal contacts will be created anyway.
- Consider common industrial studies and possible prototyping of RF components and assemblies
- Consider if a complete 12 GHz RF unit can be built as a demonstrator, suitable for structure testing or possible implementation (would be a prototype).

Green : Compatible with existing CLIC project

Yellow: Possibly compatible (case by case)

Red : Beyond existing CLIC project (partly)

