WP6 Summary

On the FEL requirements:

- ✓ During discussions of this week a lot of interesting and smart criteria came out for deeming a "good" plasma accelerated bunch to drive FELs, but please let's stick to the slice $\delta\gamma/\gamma < 0.1\%$ and to the slice norm. emittance < 1 mm × mrad, at least. More elaborated requirements soon to come after S2E detailed studies

- ✓ Our opinion: to the extent of an easier-to-reach breakthru result, better to have the E_{beam} = 1 GeV as a starting point, once demonstrated this (or steered to demonstration) we feel there is no showstopper to scale the "obtained result"

On the work ahead:

- ✓ Short (or even shorter) period undulators always clever to be considered and tested, but new technology should guide to find the best compromise between size and cost: "the smallest undulator section at the price of 2 present size facilities" wouldn't work…