



# EUROPEAN PLASMA RESEARCH ACCELERATOR WITH EXCELLENCE IN APPLICATIONS



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- **Reminder of Milestones**
  - M2.2: Report defining tolerance
    - Due date: **January 2017**
  - M2.3: Simulation tools and theory set up
    - Due date: **January 2017**
  - M2.4: Preliminary simulations set up
    - Due date: **January 2017**
  - M2.5: Start to end simulations
    - Due date: January 2018
- **Reminder of Deliverables**
  - D2.1: Report defining baseline design
    - Due date: **January 2017**
  - D2.2: Final tolerance analysis
    - Due date: January 2019

Institution	PIC code used	Area of Interest
IST	OSIRIS	plasma Injector
DESY	PICon GPU OSIRIS	external injection LWFA acceleration (low density)
INFN _ SparcLab	ALaDyn Architect	ionization injection beam-driven (WP9)
PISA_ILIL	ALadDyn	channel propagation, self injection & ionization
CNRS/LLR	SMILEI	self injection, wavefront defaults
LOA	CALDER-Circ	plasma Injector WP6-WP11 oriented (FEL + prototyping)
CEA	WARP	plasma Injector + acceleration
CNRS/LPGP	WARP	plasma Injector (ionization injection)
ELI_Beamlines	PICon GPU	FEL application, self injection, LWFA
ELI_ALPS	PICon GPU EPOCH	LWFA

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- Similar to WP3 meeting (Brigitte) just prior to the yearly meeting in October, WP2 intends also to organise a meeting at the same date to discuss preliminary parameters (laser and plasma) in order to start simulations asap on LP injector, LP accelerator, and potential plasma lens
- WP2 could join the WP3 meeting in the afternoon (as WP2 will have to carry out simulation of the plasma structures discussed during the WP3 meeting)