

# WP 12 – progress and update

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## Progress Update

- Details of potential laser/accelerator facilities for tests/prototyping uploaded on

WP12-Laser facilities for tests and prototyping

**Laser facilities for testing and Prototyping**

**(1) Direct Application**

These facilities can be accessed through open access application process for beam-time. The access is free at the point of contact and some facilities those at RAL) cover T&S costs as well, for scheduled experiments.

Facility	Energy (J)	Pulse width (fs)	Rep rate (Hz)	Peak power (PW)
RAL (Gemini)	15	30	0.05	0.5
LULI (Elfie)LI (Elfie)	20	350	1/ 20 min	0.06
CILEX (APOLLON*)	Phase 1: 15 Phase 2: 75	15	1/min	Phase 1: 5PW Phase 2: 10PW
ELI-BEAMS*-	15	15	10	PW
ELI-AS*	0.5	12	100	0.04

\* Under construction – expected to be operational 2018

**(2) Application through Laserlab**

(<https://laserlab.mbi-berlin.de/access/>)

Laserlab is a consortium of European Laser laboratories that set aside ring-fenced slots for access. Details are provided in the website above.

Facility	Energy	Pulse	Rep	Peak
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## Next Steps

- (1) Asking participants to check information provided. Template available for providing information
- (1) Gather progress in various work packages (next couple of months, discussing at the June meeting)
  - (2) Capture details of tests/prototyping required
- (4) Approach these facilities regarding the best method for access