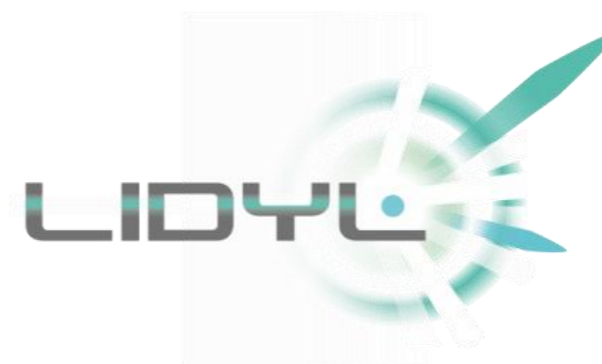**Infrastructures de Recherche
Journée nationale d'information
Lundi 17 juin 2019**

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LASERLAB-EUROPE

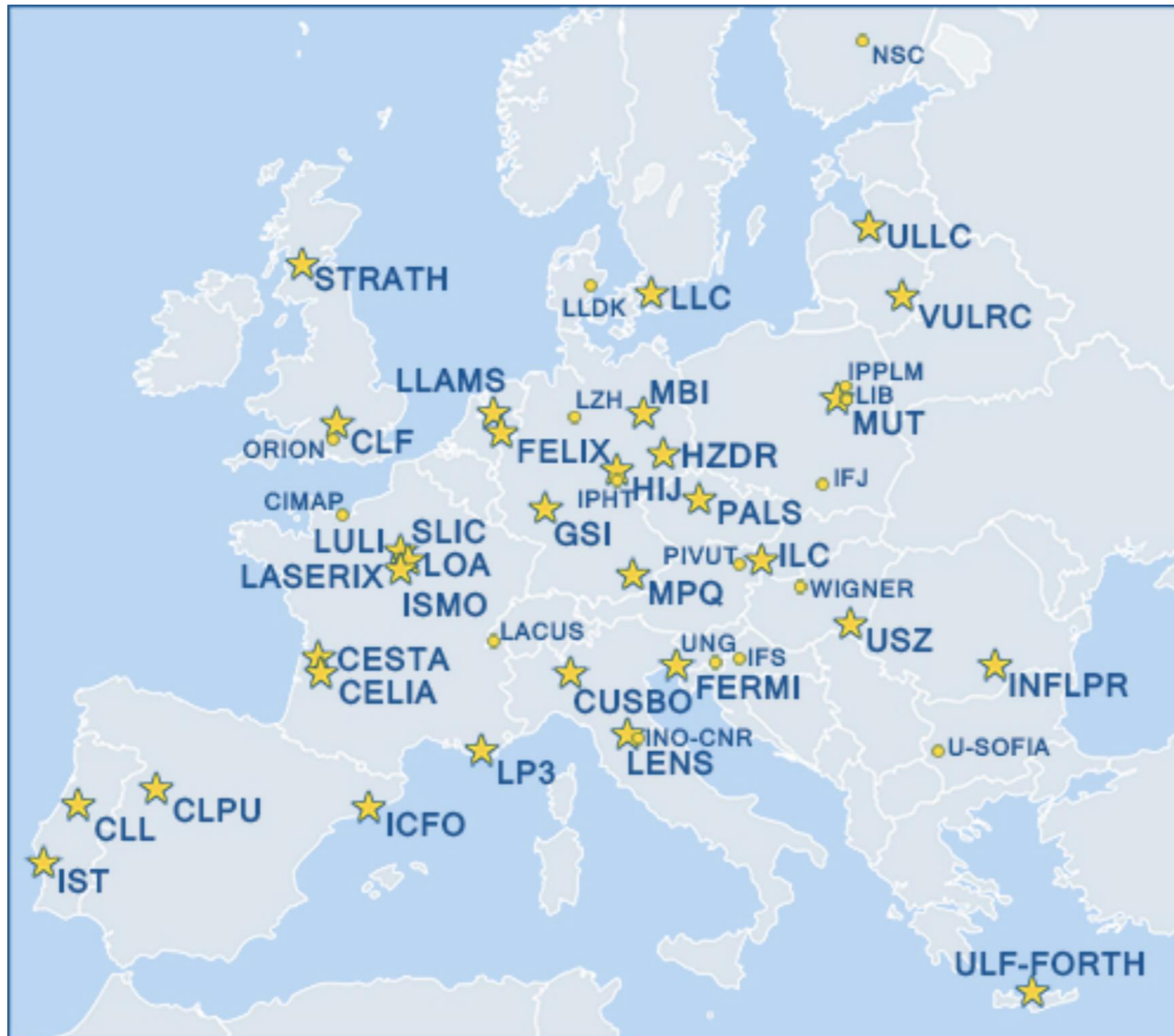## EU network of state-of-the-art laser facilities for research

Satellite map DLR (CC-BY 3.0)

☐ **Boost the impact of Europe in laser science,**

☐ **Extend the User community,**

☐ **Increase human resources in laser science,**

1- Joint Research Activities

2- Networking Activities

3- Transnational Access

LASERLAB-EUROPE from FP5 to Horizon 2020

LASERNET (2001-05)
LLE1 (2004-08) - 15 M€
LLE2 (2009-12) -10 M€
LLE3 (2012-15) - 9 M€
LLE4 (2015-19) - 10 M€
LLE5 (2019-2023) - ??

Funding:
EC framework programs
(FP5, FP6, FP7, and
Horizon 2020)

Today:
33 Institutions (Parties)
16 EU Countries
22 Access providers

$\cong$**3500** Users

https://www.laserlab-europe.eu

Strategic evolutions of LASERLAB-EUROPE (2003-2019- …)

LASERLAB-EUROPE I (2003-2008):
- First vision of a unified "European Distributed Laser Infrastructure"

LASERLAB-EUROPE II (2009-2012)
- "Extending the European dimension": growing from 17 to 27 laser infrastructures.

LASERLAB-EUROPE III (2012 – 2015)
- Supporting the Extreme Light Infrastructures (ELI)

LASERLAB-EUROPE IV (2015 – 2019)
- Extending the access offer towards Free Electron Lasers (FEL)
- Promoting life science and industrial applications

LASERLAB-EUROPE V (2019 – 2023)
4 new partners chosen to enlarge the societal and industrial applications
Increase geographic coverage and scientific (*Switzerland and Spain*)

Promoting laser-science at the European level : Win-Win strategy

European level

☐ Structured laser research landscape

☐ Mission-oriented single entities to meet global challenges (ELI, FEL, Industrial app, societal app, increasing the quality of the human resource available,…)

Labs level

☐ For the users : unique opportunity to access state of the art facilities, free of charge, including travel and accommodation

☐ For the hosts labs : take advantage from new expertise, new equipments or diagnostics and additional resources (LIDYL = 400 k€)