





# Innovation hub with photonics competencies LASHARE



## Outline

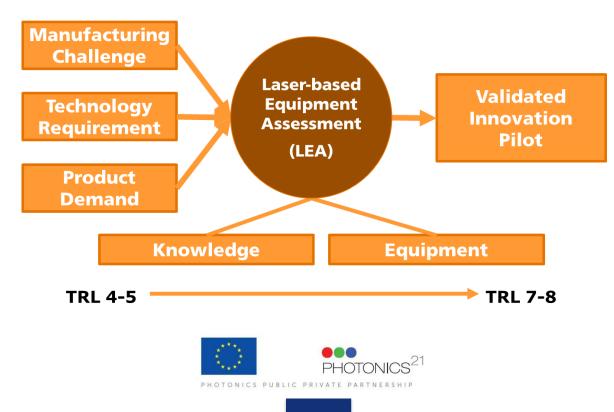
- What is it and what is the main aim?
- How does it work?
- What is the impact / how successful is it (+ a practical example)?
- Why is it successful?
- What else would be needed/interesting to add?





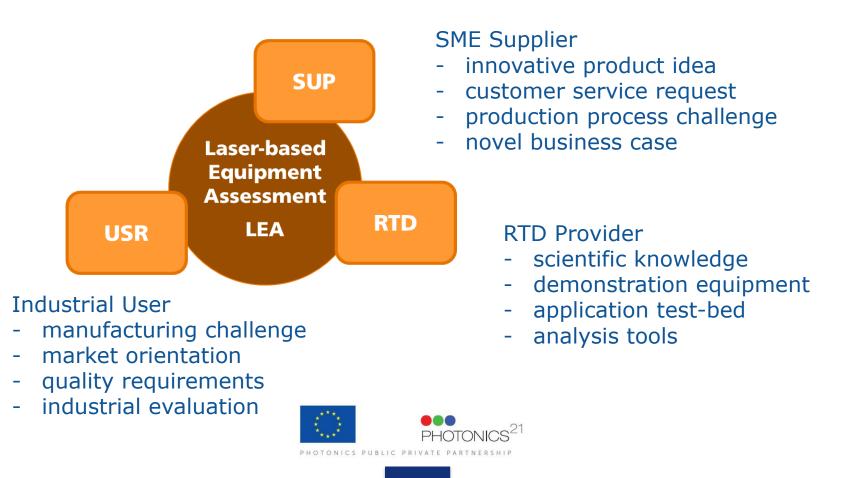
## LASHARE Competence Center – What is it and what is its main aim today?

Assessment approach for strategic advance in TRL





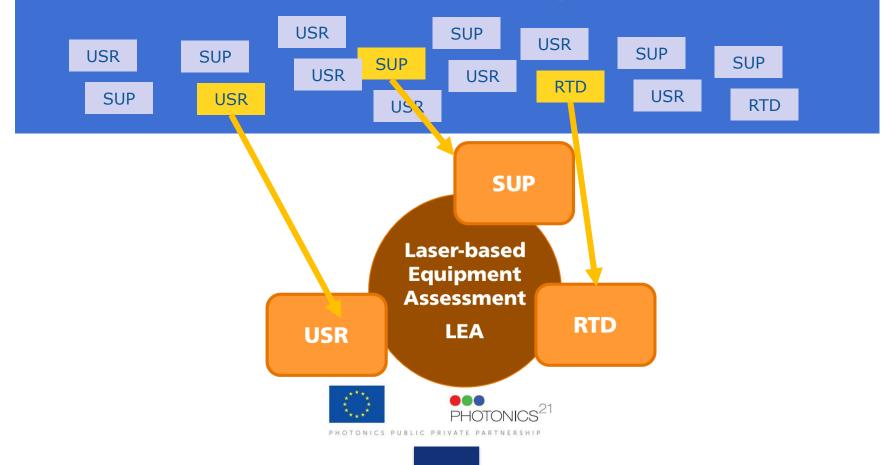
## **LASHARE –** Partner Roles





## **LASHARE –** Initial Partnering

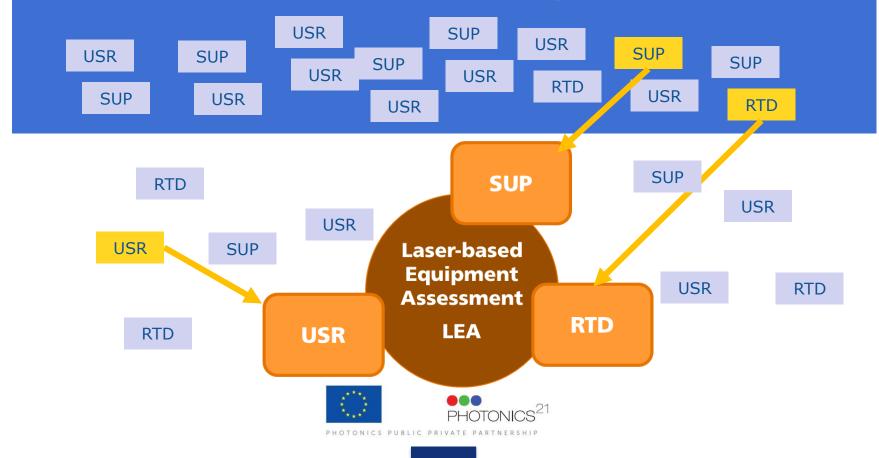
#### Laser-based Manufacturing Community





## **LASHARE –** Current Partnering

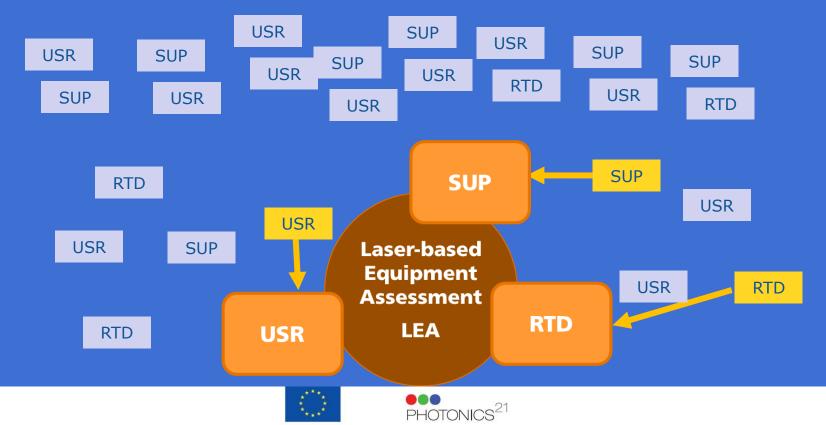
#### Laser-based Manufacturing Community





## **LASHARE –** Future Partnering

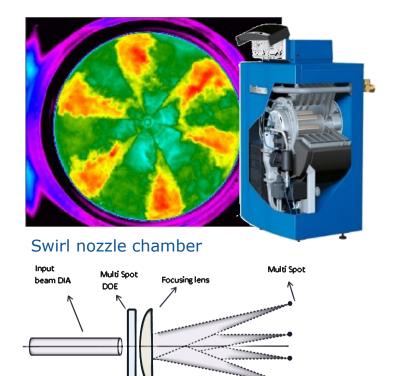
#### Laser-based Manufacturing Community



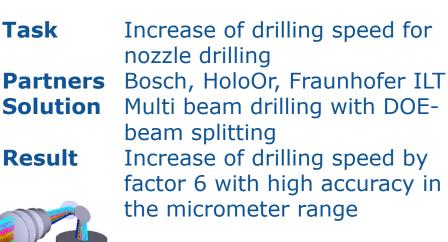
PHOTONICS PUBLIC PRIVATE PARTNERSHIP

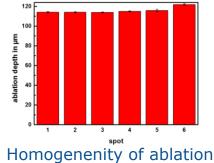


### **LASHARE -** PARROT Parallel processing by splitting radiation of ultra fast lasers



Principal sketch and simulation of beam splitting









## **LASHARE –** Success Factors

- Laser-based equipment is targeted at a real world challenge through the user/supplier involvement
- Assessment teams SUP/USR/RTD are small, flexible and very active, fast decisions
- Confidentiality at assessment level ensures open communication about requirements and problems
- Shared resources at LASHARE Competence Center level (LCC) ensure wide knowledge support and flexible backup
- Communication of results at LASHARE level enables huge visibility for individual assessments



confidentiality

small

shared knowledge

shared resources

> huge visibility



## **Photonic Manufacturing Innovation HUB – Future Services**

