

**LASER-GO**

# European Strategic Cluster Partnership in Photonics for Health





- An alliance of 3 + 3 European clusters
  - 1 laser cluster *LITEK* (components)
  - 1 photonics cluster *Opticsvalley* (systems)
  - 1 medical cluster *HumanTechnology Styria* (medical devices)
- 90 companies selected for International cooperation
- Two objectives
  - Reinforce cooperation (create a European pool)
  - Market & customers analysis
  - Increase international business oversea (company missions and partnership agreements)

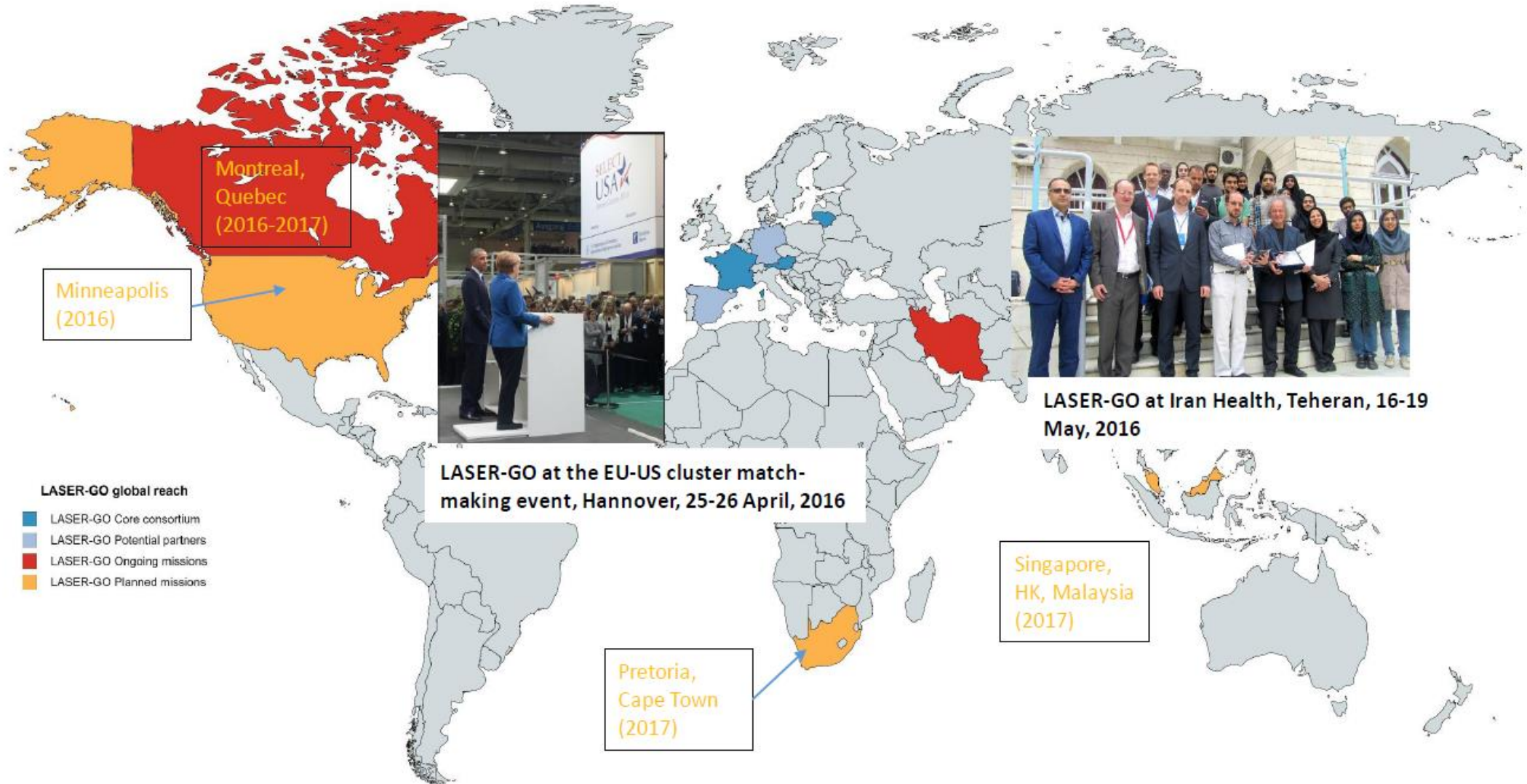
# Photonics enhanced Medical Devices & Technologies

# Health issues to be addressed by photonics

- Laser as device for surgery, measure and stimulation
- Image analyses and optical fiber sensors for medical diagnostics and disabled persons' environment
- Laser devices to detect biomarkers through spectroscopy
- Plasma & UV sterilization
- Phototherapy
- Photo-genetic

# Planned events

## LASER-GO – global reach



# Specific information for Photonics PPP CSA Coordination meeting

What specific actions, services and tools do you develop for individual target groups like e.g. SMEs?

Which workshops/events are you planning to do? Objectives and target groups?

a/ Create links between the 3 EU cluster partners members (SMEs) by:

- Establishing SMEs diagnostics of each SMEs (FR, LT, AU) → by October 2016
- Identification of potential synergies between these SMEs → by December 2016
- Matchmaking events for the SMEs → by June 2017 (no dates set yet)

b/ Market due diligence

- For the use of the SMEs to identify relevant markets and go international → by December 2016
- Step 2 in potential new project : company missions in US, Canada, South Africa, Asia... → starting in 2018 if project submitted and accepted.

# Specific information for Photonics PPP CSA Coordination meeting

- Do you address innovation hubs?
  - No
- Do you address players outside the photonics community (e.g. end-users, general public)?
  - Yes: medical / health clusters and their industrial members, by building partnerships and company/clusters missions.
- Does your project aim at improving financing of Photonics industry beyond public funding? If so, how?
  - Yes partially, by providing EU photonics SMEs with new cooperation opportunities oversea (new customers / cooperation)
- Do you have an activity on mapping the sector?
  - Yes, with a focus on Photonics/laser SMEs providing components or systems for the health sector