

LASERGO GLOBAL EUROPEAN INITIATIVE

Trade mission to USA, June 3rd – 6th



The LASER GO GLOBAL Project

6 Strategic partnerships between EUROPEAN CLUSTERS



DEDICATED TO

applications of photonics to the biomedical sector

LASER GO GLOBAL key figures

Meta European cluster
> 1600 members of which > 100 RTOs

Target: 230 SMEs
in 6 european regions

GOALS:

FOSTER THE EUROPEAN INDUSTRY IN BIOMEDICAL PHOTONICS
BE A EUROPEAN GATEWAY FOR INTERNATIONAL STAKEHOLDERS

EXPLORE

Mapping ecosystems
Sharing of best practices



COLLABORATE

8 trade missions planned:

- Israël
- Canada
- **USA**
- South Korea
- Japan
- Australia - NZ
- Singapore



DISSEMINATE

20 SMEs / cluster showcased
International visibility by 2020



Examples of biomedical photonics technologies

Photonics microscopy/ Imaging

Image analysis

IR Spectroscopy

Ophthalmological technology

Laser illumination for high-speed imaging

FACS-technologies

Laser microfabrication, additive fabrication of biomaterials

Q-switched lasers

Molecular spectroscopy

Eye tracking system

Human centric lighting

LASIK (Laser-assisted in situ keratimileusis)

Laser scanning for luminescence detection

Low level laser therapy

Laser-assisted liposys (liposuction)

Photovoltaic retinal prosthetic

Photo dynamic therapy using for IR radiation

X-ray spectroscopy

Light sources for optogenetics

In vivo/ in vitro diagnostics

General laser components and systems

Laser-induced breakdown spectroscopy

Multispectral spectroscopy

Endoscopy

Intense pulse light

Laser-induced photoacoustic measurement

Tonometry

Photo-sterilization

Photodynamic disinfection

UV/VIS-Spectrophotometry

Fibre-optic phototherapy

Optical coherence tomography

Bright light (Phototherapy)

Laser thickness measurement

Light-sheet fluorescence microscopy

Main outcomes of the project

1/ Deep analysis and understanding of the European value chain and ecosystem in photonics applied to healthcare

→ A unique gateway to access European innovation and SMEs in the field

2/ Partnership goal statement / Technology scouting

→ Partner with high level stakeholders in the target countries and engage into long term collaborations

3/ Innovation missions & roadshows

→ Build economic opportunities for European SMEs to scale-out

→ Showcase European champions in photonics and healthcare and initiate partnerships

Building International connections: USA (especially the Boston area) is a key strategic area for LASERGO



LASER-GO

Laser-Go overseas missions:

- Iran
- Singapore
- South Africa
- Australia and New Zealand
- USA (Boston)
- USA (San Francisco)
- Canada (Quebec)
- Israel
- Malaysia
- South Korea
- Japan

medicen
PHARMACEUTICALS

innovation
for
health

optence
NETWORKING
IN PHOTONICS



LASER & ENGINEERING
TECHNOLOGIES CLUSTER



Key objectives of a trade mission on June 3rd-6th

- ✓ Meet strategic partners in photonics for health for LASERGO long term impact – evaluate the possibility to sign a MoU / collaboration agreement
- ✓ Understand US stakeholders' interests for European biophotonic innovation so we can initiate tailored introductions & meetings post mission
- ✓ Meet potential end-users that can act as market entry opportunities for our European SMEs (distributors, large corporates, hospitals)

Our EU & US partners supporting the initiative:



Foreseen program for the US East Coast mission

ROCHESTER – NY state area

Boston – MA state area

June 3rd

4th

5th

6th

7th

Program organised by ENRICH and NEXTCORPS:

- Rochester Optics, Photonics and Imaging Ecosystem
- Pitch & experts sessions
- On-site visits, photonics & healthcare
- Meeting local investors' community

Transition
Rochester /
Boston

Additional
morning session
in NY or
participation
@DeviceTalks in
the afternoon

2 days program in Boston:

- Meeting key photonics stakeholders
- Device Talks attendance
- Meeting US market entry / healthcare stakeholders





<https://www.laser-go.eu/>

Your contacts for LASERGO trade mission to the USA:

Medicen Paris Region cluster

Olivier Fontaine – ofontaine@medicen.org

Blandine Hirtz – bhirtz@medicen.org



Project coordinator:

Dr Linas Eriksonas

LASER-GO Project Coordinator

Linus.Eriksonas@litek.lt

+370-61410640

<https://www.linkedin.com/in/eriksonas/>