



LASERLAB-EUROPE

The Integrated Initiative of European Laser Research Infrastructures IV

Grant Agreement number: 654148

Work package 10 - Innovation Management and Industry Relations

Deliverable D10.1 Initial version of webpage "Service for industry"

Lead Beneficiary: 4 - CNRS

Due date: Month 6
Date of delivery: Month 6

Project webpage: www.laserlab-europe.eu

Deliverable Type	
R = Report	DEC
DEM = Demonstrator, pilot, prototype, plan designs	
DEC = Websites, patents filing, press & media actions, videos, etc.	
OTHER = Software, technical diagram, etc.	
Dissemination Level	
PU = Public, fully open, e.g. web	PU
CO = Confidential, restricted under conditions set out in Model Grant Agreement	
CI = Classified, information as referred to in Commission Decision 2001/844/EC	

1 Objectives of WP 10

Advanced laser sources and associated technologies enable a wide range of novel applications with high industrial and social impact, such as bio-and nanophotonics, (bio)material analyses, (bio)medical diagnosis and treatment, communication and data processing. This is reflected also in the fact that Photonics is recognised as a Key Enabling Technology within the framework of H2020.

The objectives of the work package on "Innovation Management and Industry Relations" are to foster Laserlab-Europe's relations with industry and to implement supporting measures that will promote the use of laser RIs by industrial researchers, enhance technology and knowledge transfer and help to fully exploit the innovation potential of the participating research infrastructures.

Many partners of the Laserlab-Europe consortium already have developed strong partnerships with industries, SMEs and medical centres on an individual basis with a substantial number of committed collaborators actively involved in the different JRA. Based on their experiences and know-how, specific tasks will be implemented at the consortium level with support from the Industrial Advisory Committee (IAC).

2 Progress in innovation management and industry relations

An Industrial Advisory Committee (IAC) has been set up at the start of the project. It consists of nine members, four of them representing institution participating in Laserlab and four of them from companies. The members have been elected by the Laserlab-Europe General Assembly. The Coordinator is a member ex officio. During the lifetime of the project, the composition of the IAC may evolve to match possible future needs by including additional representatives from industry, medical centres and professional organisations on a variable, topic-oriented basis.

The IAC provides professional and technical input and advice in order to assist Laserlab-Europe in responding and adapting to exploitation opportunities and innovation needs. In collaboration with the IAC, Laserlab-Europe will organise a number of topical workshops to enhance exploitation and interaction with industry and medical centres."

A first meeting of the IAC was held on 4 May 2016. The IAC discussed opportunities and needs for industrial involvement in Laserlab-Europe's activities, with particular focus on transnational vs. national access, collaboration of industry in the context of the Joint Research Activities, in topical workshops and in training activities. The IAC members plan to meet twice per year.

3 Objectives of Task 1: Industry Services

Laserlab-Europe offers a broad range of expertise and collaboration opportunities with industry and medical centres. In order to make this expertise more easily accessible and to promote the use of laser RIs by industrial researchers, an inventory of expertise will be made and presented on the project's webpage. Moreover, a contact team of researchers representing Laserlab-Europe partners with different scientific focus and from different European regions will help to guide potential end-users from industry, SMEs or medical centres to those facilities that will be best suited to test their concepts or explore new ideas. Laserlab-Europe's industry services will be promoted during optics and photonics events and trade fairs.

Lead partner: CNRS-LP3

Work performed under Task 1

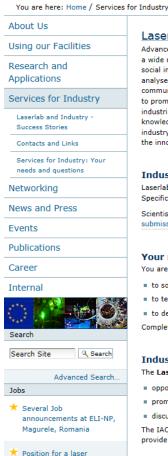
Following discussions of the Laserlab-Europe Networking Board and advice from the Industrial Advisory Committee, a web page 'Laserlab for industry' and an inventory of expertise will be developed. Commercial access in general needs to be promoted and made visible. For industry, the visibility of all facilities in Laserlab is interesting, not only the offer of the access providing facilities. According to the IAC, an inventory of expertise, e.g. a table "Where can you buy access to which service", would provide useful input as a "service for industry". In a second step, support can be provided on how to get access to this expertise. Such a table of competencies is currently under preparation and will be presented on the webpage.

As a first step, a webpage "Laserlab's Services for Industry" was implemented as a section on the Laserlab-Europe web portal at:

http://www.laserlab-europe.eu/industry-services

In its initial version, the section comprises a call for proposals from companies who are interested in industrial access to the Laserlab-Europe facilities and an invitation to submit inquiries regarding opportunities for industrial collaboration.





engineer at LOA, Palaiseau,

France

Laserlab's Services for Industry

Advanced laser sources and associated technologies enable a wide range of novel applications with high industrial and social impact, such as bio-and nanophotonics, (bio)material analyses, (bio)medical diagnosis and treatment, communication and data processing. Laserlab-Europe aims to promote the use of laser research infrastructures by industrial researchers and to enhance technology and knowledge transfer between the research facilities and industry as well as medical centres in order to fully exploit the innovation potential of the participating research labs.



Laser light reflecting on UFI mirrors, Ultrafast Innovations GmbH (UFI)

Industrial use of the Laserlab facilities

Laserlab-Europe offers you the opportunity to use state-of-the-art laser research facilities in Europe for your company's R&D. Specific services for industry and platforms for dialogue and guidance will provide assistance

Scientists from companies and medical centres are invited to submit research proposals through the 🖺 Laserlab proposal submission tool. Instructions may be found in the section 'Using our Facilities'.

Your needs and questions

You are looking for support and/or a partner

- to solve technical problems;
- to test the feasibility of technological ideas:
- to develop innovative technologies.

Complete the inquiry form and send it to the Laserlab contact team.

Industrial Advisory Committee

The Laserlab Industrial Advisory Committee (IAC) will help define common fields of interest and supporting actions, such as:

- opportunities for companies and medical centres to engage in Laserlab-Europe's research;
- discussion platforms for specific technological issues and instrumentation

The IAC comprises representatives of companies and Laserlab participants and will hold regular meetings to monitor progress and provide advice. The first IAC meeting was held in Paris on 4 May 2016.

>> Laserlab and Industry - Success Stories

Fig. 1: Initial start page "Services for Industry"

As proposed by the IAC, a web form is provided through which interested partners can submit questions or register interest in specific topics, e.g. on where to make specific measurements.



Fig. 2: Web form for submission of inquiries regarding industrial collaboration.

This platform initially sends inquiries to the lead partners of work package 10, and will in future forward questions to mailing lists for specific topics, possibly automatically based on a set of pre-defined keywords. In addition, a forum for registered users will be set up.

In order to promote collaboration with industrial partners, several examples are provided in the form of success stories of spin-offs and joint development of instrumentation.

rceLAB team presenting their company together with

Laserlab-Europe. In the middle CEO François Sylla



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Fig. 3: Success stories of spin-offs and collaboration with companies.