DELIVERABLE REPORT

Grant Agreement number: 688303

Project acronym: LUCA

Project title: Laser and Ultrasound Co-Analyzer for thyroid nodules

Funding Scheme: H2020-ICT-28-2015

Deliverable reported: D6.4 Dissemination and communication plan

Due date: 31.07.2016

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Project website address: www.luca-project.eu

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Content

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1) Objectives

This deliverable defines the overall strategy and activities undertaken during, and beyond the duration of the LUCA project. The Dissemination and communication plan is a living document that provides a framework for the project's dissemination and communication activities. It will be regularly reviewed and updated during the project in order to reflect the project's progress and further fine-tune the outreach activities.

The core stakeholders and target groups for the LUCA communication activities are outlined in this deliverable, as well as dissemination objectives and strategies for these groups. Moreover, this plan also contains LUCA's internal and external communication policies and activities.

2) Stakeholders and target audience

In order to effectively communicate information about the project, external dissemination will involve targeting the peers, end users and other stakeholders of LUCA. Together with all partners, EIBIR is establishing a contact database for the LUCA project.

The identified stakeholders will be targeted using a tailored dissemination and communication approach specific to each group. This ensures a customised presentation of the project, as well as relevant uptake by the target audience and will substantially increase LUCA's impact.

LUCA dissemination activities will aim at facilitating the communication effort of the consortium with a range of identified stakeholders, including:

- the scientific community (promoting the publication and visibility of project output);
- the clinical end-users and health care practitioners (radiologists, endocrinologists, nurses, etc.);
- national, regional and local health authorities and policy makers;
- the industrial stakeholders interested in the uptake of the new knowledge and technology produced, including associations of diagnostic and medical device industries;
- patients;
- the European Union as a whole.

See Annex A for a detailed list of how each of these target groups will be addressed and reached.

3) Communication

LUCA project partners are encouraged to openly and frequently communicate with each other and with various target groups to facilitate the implementation of the work and ensure developments, achievements and benefits are highlighted to project stakeholders.

a. Project internal communication

For effective internal communication, including the exchange of documents and other files for review, a dedicated online collaboration platform was set up by EIBIR. The collaboration platform,

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named Teamwork, provides a secure way for members of the LUCA consortium to exchange project information:

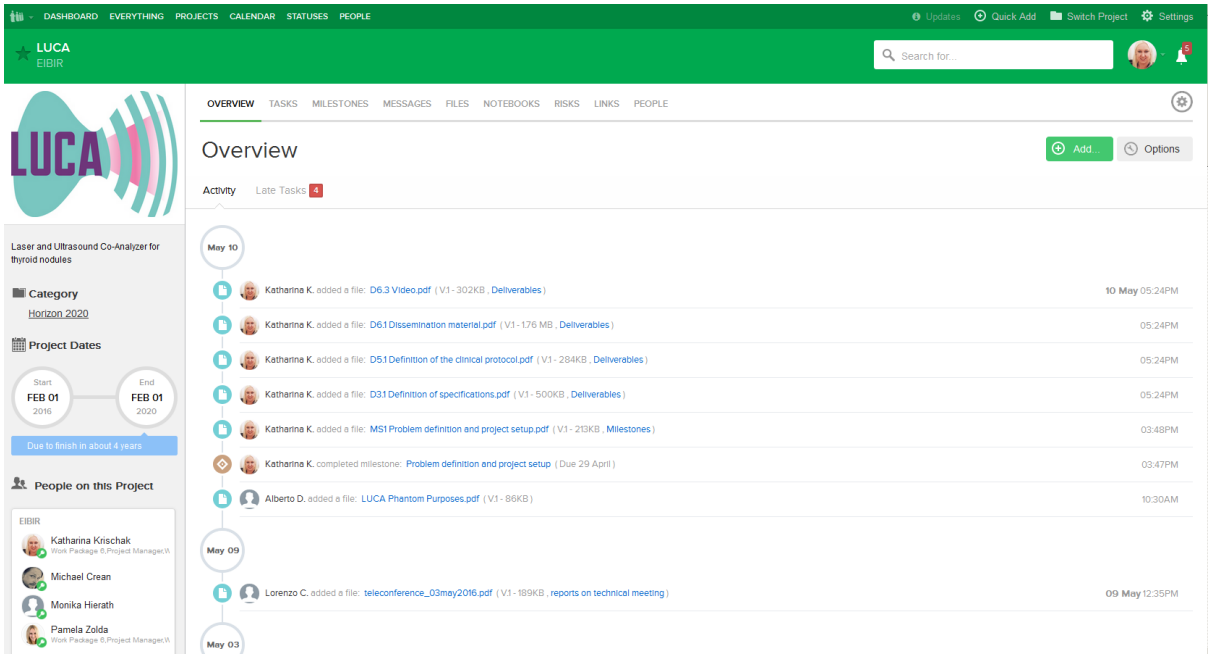

Figure 1: Teamwork Platform for LUCA

For all data shared on the platform privacy settings can be set, enabling or disabling access for certain subsets of users.

In addition to collaborating on documents, the system can also be used to disseminate internal information. Documents and resources such as interim project results, meeting agendas and minutes, but also templates and guidelines, may also be made available through Teamwork.

Starting dates, due dates and information on tasks, deliverables and milestones have been made available on the platform for all members of the consortium. Users are automatically notified by the system of approaching due dates, deadlines or new tasks that have been assigned to them.

All members of the LUCA consortium have access to this platform using a computer, or applications on mobile devices like tablets or smartphones.

i. Security of the collaboration platform

All communication and data-transmissions from and to the platform are encrypted using an industry-standard 256-bit Transport Layer Security protocol (TLS – also known as Secure Socket Layer or SSL). Databases where communication is stored are configured to point-in-time recovery, allowing recovery up to the last 5 minutes, within the previous 3-day period. All shared documents and files are backed up twice a day to separate servers.

User authentication ensures that only valid users can access the system. New user accounts are created by the Project Manager at EIBIR upon request from each partner representative. Each user has a unique account protected with a password. This account is tied to a verified email address that must be entered when a user logs in. For additional security, passwords with high-security alphanumeric passwords are required.

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ii. Internal project meetings

In addition to the collaboration platform, LUCA partners are encouraged to hold work package-, task, or topic-specific meetings as necessary to facilitate the implementation of the work. At consortium-wide meetings, such as the biannual Consortium General Assembly meeting or the monthly consortium teleconferences, partners will present preliminary results internally, and discuss possible risks, improvements or collaboration options moving forward. The Project Office at EIBIR supports the organisation of these internal meetings, which can be electronic or face-to-face.

iii. Mailing lists

Furthermore, for cases where it is preferred to use a more traditional approach for communication, four mailing lists have been created:

1. LUCA-ADMIN: This list includes administrative contacts that the partners have indicated.
2. LUCA-WPLEADER: This list includes work-package leaders.
3. LUCA-TECH: This list includes students, postdocs , engineers and others who need to discuss technical matters such as the instrumentation and probes.
4. LUCA-EVERYONE: This list includes everyone involved in the LUCA project.

These lists are maintained by ICFO IT department and the project manager at ICFO controls the membership. The goal of these lists is to allow basic communication through email.

b. External communication

LUCA will communicate with its stakeholders at dedicated national and international meetings and through online platforms (see Section 6) where it is possible to interact with the audience. The project website (www.luca-project.eu), and also social media, such as the EIBIR and any of the LUCA partners' twitter and Facebook accounts, will also be used to engage the general public and specific target audiences in a dialogue. This allows the partners to gather feedback on their results, achievements, and plans for the upcoming period, including possible risks.

i. Medical Advisory Board (MAB)

In order to increase interaction with stakeholders from the local and international endocrinology community, the biomedical engineering and medical device regulatory fields, LUCA established a Medical Advisory Board (MAB) which includes international experts chosen to complement the consortium's expertise and to advise the project on its tasks and fulfilment of goals. MAB meetings will be briefed about the project progress on a regular basis, which allows LUCA to directly communicate with representatives of two important end-user groups. The latest project results and achievements will be shared with the MAB for feedback, and questions and advice will be asked for upcoming tasks or research.

4) Dissemination

Dissemination activities will be led by EIBIR. EIBIR has extensive experience in the dissemination of project information and results from previous international collaborative research projects, and has excellent distribution channels, including its own member network with over 150 departments in

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biomedical research across 22 countries, and the possibility to disseminate to the European Society of Radiology with more than 63,600 members from 155 countries.

a. Objectives

The objectives of the dissemination activities are:

- To create visibility for the project and consortium
- To inform the different target groups about the project
- To share the project results and new insights with all stakeholders
- To collect feedback from stakeholders and stimulate the discussion
- To demonstrate the benefit of the LUCA technology
- To encourage the rapid uptake of project outcomes into clinical practice
- To path the way for exploitation and commercialisation of the LUCA device
- To inform about the potential expansion of the application of the LUCA device to beyond thyroid screening
- To encourage further complementary research in this area

b. Strategy

To realise the project's dissemination objectives, the dissemination activities will use appropriate channels to transmit the intended message. This ranges from scientific publications for technical information to general media for information intended for the general public. Execution of the dissemination strategy will reflect the following questions:

- **What should be disseminated?**
  - Overall project information and expectations
  - Project achievements, such as:
    - Project events
    - Completion of tasks, work packages, deliverables or and milestones
  - Project results, such as:
    - General summary of the results
    - Detailed information on the results
    - Methodology on how results were achieved
    - Best practices and information of how methods can be applied elsewhere
- **To whom do we need to disseminate this information?**
  - Relevant subset of stakeholders
  - Public at large
- **How does this information need to be disseminated?**
  - Via scientific publications in relevant journals
  - Via events, such as:
    - Presentations at national or international scientific meetings
    - Demonstrations at national or international fairs
    - Workshops and conferences
    - Online, live-streaming events
  - Via the project website
  - Via social media
  - Via newsletters
  - Via printed media such as:
    - Folders
    - Flyers

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        - Posters
    - Via traditional media such as:
        - Press releases
        - Television
        - Printed advertisements or articles
- **When is the information disseminated?**
    - As soon as possible after completion
    - Through regular updates
- **How far does the information have to be disseminated?**
    - Local
    - National
    - European
    - International
- **What should the dissemination of this information achieve?**
    - Set goals for reach and impact
    - Measure performance indicators at specified intervals or times, such as:
        - Reach (e.g. number of visitors, views or readers)
        - Impact and engagement numbers (e.g. links, republications, downloads, 'likes', 'favourites')

Based on this dissemination strategy, the consortium can identify the unique needs of each stakeholder group, and the subsequent activities will correspond to these needs, ensuring effective and efficient distribution of project information and a maximised impact.

c. Dissemination activities

The identified groups (see Section 2) will be targeted using a tailored dissemination approach (see Annex A), specific to each group. This ensures a customised presentation of project progress and results, as well as relevant uptake by the target audience and will substantially increase LUCA's impact.

Specific dissemination material will be developed and produced in cooperation and agreement with all project partners. Each consortium member will share their contacts and channels for dissemination to further maximise the reach and impact of the tailored dissemination activities. The LUCA contact database will be managed by EIBIR.

Services provided by the European Commission, such as the CORDIS website with the subsections CORDIS News, CORDIS Wire, the research*eu magazine, and the OpenAIRE platform, will be used to inform the broader public about the LUCA project, its objectives and progress.

In addition, online magazines, newsletters, papers and journals, will be used to promote the project, project partners, objectives and results. Media distribution options that have been initially suggested by project partners as dissemination channels are listed in Annexes B, C and D.

The dissemination measures will rely on the material (both electronic and print) developed by the LUCA partners (e.g. D6.1) and will implement the overall dissemination and communication strategies as outlined in this document.

Dissemination material that will be developed in the first period of the project includes:

- A visual identity, including a project logo that will be used for all project communication (see Section 5).
- An online presence (see Section 6).
- Press releases

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- Target-group and end-user specific project material, such as flyers or folders detailing the project and presenting different aspects of relevance to each audience.
- Newsletters tailored to the various target audiences

The LUCA dissemination activities will also, where possible, be scheduled to tie in with relevant global events such as the World Cancer Day (every February 4th), World Thyroid Day (every May 25th), and the International Day of Radiology (every November 8th). Dissemination via internal and public progress reports and at events will assure that the scientific results are disseminated and discussed within the consortium, as well as within the scientific community.

There will also be multiple points of interaction and with stakeholders at the LUCA Innovation Conference (D6.9, see Section 4e) and other local, national or international scientific meetings, such as congresses, conferences and fairs, where LUCA results will be presented and the LUCA device demonstrated by the consortium members. Provision of information to a wide range of target audiences is crucial in order to increase the project's visibility, and ensure uptake of the project's outcome and that the envisaged impact is reached.

d. Promotional material

With support from all LUCA partners, a wide range of promotional material will be developed including a periodic digital newsletter, target-audience specific folders and flyers with relevant, general information about the project, promotional posters and a general presentation. A PowerPoint presentation of LUCA (D6.10) is available on the project website and a flyer was created at month 3 of the project (D6.1).

Promotional videos about the project rationale and major results will be created and widely disseminated. A first video about the project's aims and objectives (D6.3) is available on the LUCA website and the project's YouTube channel.

Partners will use institutional publications, such as annual reports, institutional newsletters or internal and external websites, to disseminate information about LUCA. Additionally, partners will prepare articles for publication in national newspapers, magazines or websites.

Published information will include contact details of the publishing partner, the Project Office, and a link to the LUCA website where further information can be obtained.

For workshops, press releases, presentations etc., the EU emblem and Photonics21 logo will be displayed prominently together with the text "Photonics Public Private Partnership".

On all publications the EU emblem and the following text will be displayed: *This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 688303.* The link www.photonics21.org will also be included.

When communicating on Twitter or other social media about project activities, #Photonics shall be included together with @Photonics21 and @PhotonicsEU.

e. Congresses, conferences and public events

LUCA will be represented at relevant national, European and international congresses, conferences and public events. Partners will attend meetings related to their expertise and role in the project and provide general information on the project and present (interim) results.

Several relevant events that LUCA will attend are listed in Annex C (subject to updates during the next revision of this document). Further events will be included as the project progresses.

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The overall results of the project will be presented in the LUCA Innovation Conference (D6.9) at the end of the project. This meeting will be announced broadly, and will be open to the scientific community, clinical end-users, authorities, health care organizations, industry and other interested stakeholders. The members of the Medical Advisory Board and the EU Project Officer will be invited as well.

f. Dissemination channels

The project partners will make use of their established contacts and communication and dissemination channels as well as established networks and partnerships to reach stakeholders. In addition, partners will also contact National Contact Points and relevant national government agencies or public bodies with information about LUCA. Please see Annex D.

5) Visual Identity

A visual identity for the LUCA project has been developed to facilitate clear and consistent communications. The colour scheme is based on the colours of the thyroid cancer awareness campaign: pink, purple, and teal. The LUCA logo design includes references to the thyroid as well as the laser and ultrasound techniques used in the project.

All communication and dissemination activities will be carried out using this visual identity. This includes all print and digital media, ranging from folders with background information and the project website to scientific posters and video dissemination platforms (see D6.1 and D6.2).

The project logo and visual elements are available to the entire consortium in multiple formats.

6) Online presence

LUCA's online presence enables and facilitates communication between the projects and its target groups. Additionally, it allows the project to rapidly disseminate new information and findings to a large, global audience. By making use of the latest developments and trends in online communication and dissemination tools and platforms, it helps LUCA inform and communicate with a large group of stakeholders.

a. Project website

The LUCA project website, located at http://www.luca-project.eu, offers information about the project and its results to an international audience. The set-up of the website was finalised by month 3 (D6.2).

The LUCA website features a modern, responsive design using the latest web standards. This ensures that the website can be accessed not only from a computer, but also works well on mobile devices such as tablets and smartphones. The design is in line with and completes the visual identity of the project.

The website presents the project's overall aims and objectives and gives information on each work package and how it contributes to the overall goals of the project. A news section with regular updates informs visitors about the latest project developments its progress and related events.

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Additionally, the project partners and the staff involved are presented in an overview as well as detailed profiles with links to the partners' websites for further information.

The first public project deliverables have been made available for download on the website. All future non-restricted deliverables and reports, press items and other dissemination material will be added when they become available. If possible and in line with copyrights and intellectual property rights, results such as scientific publications will also be made available.

The website will evolve in course of the project and be updated on a regular basis. As the project progresses, more tailored information will be made available for each target group.

b. Social media

In addition to the project website, an online presence for LUCA will also be established via YouTube. Updates with information tailored to specific target audiences will be shared by the partners via social media platforms such as Twitter and Facebook. The significant added value of using social media is of course that it enables two-way communication. It allows the target audience to directly and effectively communicate and interact with the project. Social media and other press and media campaigns will also tie in with relevant global events such as the World Cancer Day (every February 4th), World Thyroid Day (every May 25th), and the International Day of Radiology (every November 8th) to boost LUCA's visibility during these periods in an effort to engage with stakeholders all over the world.

7) Scientific publications and presentations

Project results will be published in peer-reviewed scientific journals, and presented at relevant conferences and congresses through presentations or scientific posters (for events, see Annex C).

Preferred journals for publication include, but are not limited to target journals for the end-user community in the field of endocrinology such as the Journal of Clinical Endocrinology and Nutrition, European Journal of Endocrinology, Clinical Endocrinology, and Thyroid, for the end-user community in the field of imaging such as Radiology, European Radiology, and American Journal of Radiology, and for the biophotonics community such as Biophotonics, Applied Optics, Biomedical Optics Express, Journal of Biomedical Optics, Nature Photonics. A more comprehensive list of journal publication will be kept up-to-date by the Project Office and will be made available on the project website.

Upon publication of scientific papers, a summary for a broader audience will be made available either via a press release or through the LUCA and the LUCA partners' online presence to ensure all stakeholders are informed and can benefit from the results shortly after the initial publication.

Key results and concepts will also be presented by LUCA partners at national and international meetings, congresses, conferences and workshops in various (scientific) fields. Presentation templates have been prepared by EIBIR and made available to everyone working on LUCA.

Posters or roll-ups will be prepared for display at workshops, meetings, congresses, and conferences. These can be for promotional or informational use. Posters and roll-ups promoting LUCA will be designed to be aesthetically pleasing and attract attention, and will focus on general information about the project. Informational posters will be used to summarise scientific findings and achievements. Both types of posters will be designed to fit the LUCA visual identity.

All scientific publications, presentations and posters will be made available on the LUCA website if allowed by copyright regulations.

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8) Strategy for the first period

Raising awareness and promoting LUCA is an essential task during the first period of the project to ensure that the identified stakeholders are aware of the project, its aims and objectives.

Therefore, the communication and dissemination strategy for the first period focuses on providing background and general information on the project and its overall objectives to the target audience and highlighting the contributions from all consortium partners.

The key dissemination activities include:

- Establishing and maintaining the project`s stakeholder database
- Establishing a clear and recognisable visual identity
- Establishing an online presence through the project website
- Developing promotional material with general project information
- Preparing an annual digital newsletter (M12)
- 2 Press releases distributed by the project and by consortium partners (M2, M16)
- Distributing information to external websites (e.g. project partner websites, and those of associates), but also to traditional print media
- Representing LUCA at events such as national or international scientific meetings or congresses, but also patient information conferences

9) Confidentiality and intellectual property rights

Management of intellectual property rights is detailed in the in the LUCA Grant Agreement (article 23a) and in the Consortium Agreement. In order to ensure that valuable intellectual property is identified and appropriately protected at an early stage, work package leaders will monitor scientific output from their respective work packages. The LUCA Steering Committee will closely monitor the project's progress in order to identify exploitable results. The Project Coordinator, ICFO, is in charge of matters related to knowledge management and intellectual property rights.

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Annexes

Annex A

Identified stakeholders and proposed dissemination strategy

Target group	Details	Communication and dissemination method
Scientific community	Researchers from various scientific disciplines including optics, opto-electronics and biophotonics	Tailored print material (e.g. folder, flyers) distributed at local, national and international scientific events. Dedicated information distributed via the LUCA website and through social media. Scientific papers in relevant journals and field-specific publications. Presentations at local, national and international scientific events.
Clinical End-Users and health care practitioners	Endocrinologists, radiologists, nurses, etc.	Tailored print material (e.g. folder, flyers) distributed at local, national and international medical and healthcare events. Dedicated information distributed via the LUCA website and through social media. Articles in relevant medical journals, and other medical publications/literature. Presentations at local, national and international medical events.
Industry	Diagnostic and medical device industries	Tailored print material (e.g. folder, flyers) distributed at local, national and international scientific and industry events. Scientific papers in relevant journals and field-specific publications. Presentations at local, national and international scientific and industry events.
Public health professionals, health policy-makers, and patient organisations across Europe	Public health professionals and health policy-makers, organisations for cancer patients and their relatives, professionals in cancer patient care	Tailored print material (e.g. folder, flyers) distributed online, at local, national and international events for patients and patient organisation. Dedicated information distributed via the LUCA website and through social media. Presentations at local, national and international events organised for patients and patient organisations.

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Patients	Thyroid cancer patients and their relatives	Tailored print material (e.g. folder, flyers) distributed online, to patient organisations or patients directly, and at local, national and international events for patients and patient organisation. Dedicated information distributed via the LUCA website and through social media. Articles in general media and literature for patients. Presentations at local, national and international events organised for patients and patient organisations.
General public	Relatives of thyroid cancer patients and the public at large	Tailored print material (e.g. folder, flyers) distributed online and at relevant local, national and international events. Press releases for the general media. Dedicated information distributed via the LUCA website and through social media.

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Annex B

Identified communication and dissemination channels

Name	Description	Target group	Activity
The EIBIR Member network	EIBIR's network includes more than 150 clinical, research and industry members in the field of biomedical imaging research and related fields.	Clinicians, researchers, industry	Relevant results and data will be shared online upon publication, and periodically in the EIBIR annual report and newsletters.
EIBIR Shareholders	EIBIR's 12 shareholder organisations are: CIRSE, COCIR, EANM, EFOMP, EORTC, ESMI, ESMRMB, ESPR, ESTRO, EuSoMII, EFRS, ESR	Clinicians, researchers, industry	Relevant results and data will be shared online upon publication, and periodically in the EIBIR annual report and newsletters.
European Society of Radiology (ESR) and European Congress of Radiology (ECR)	The ESR has more than 63,600 members from 155 countries active in the field of radiology as clinicians and researchers. The ECR is the annual meeting of the ESR. On average more than 20,000 visitors from industry and the clinical and academic community attend the congress.	Clinicians, researchers, industry	Relevant results and data will be shared online in periodic newsletters. LUCA findings will be presented at the ECR in dedicated sessions.
Health Universitat de Barcelona Campus (HUBc)	The health campus of the University of Barcelona is a campus of international excellence promoted by the University of Barcelona to coordinate the interaction between leading hospitals and research institutes in the field of health.	Clinicians, researchers	Relevant results and data will be shared online in periodic newsletters.

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Southern European Cluster in Photonics and Optics (SECPhO)	Over 60 member institutions and companies constitute this cluster (SMEs, R&D centres, technology transfer centres, etc.)	Researchers, industry, entrepreneurs	Relevant results and data will be shared online in specific press releases, news highlights or newsletters.
CLP Corporate Liaison Program	Members of this program include, among others: AD TELECOM, ALTER TECHNOLOGY, B. Braun, Fundació Catalunya - La Pedrera, COMSA EMTE, Corning Incorporated, COSINGO, Emxys, Fundació Privada CELLEX Barcelona, FYLA Laser S.L., Hamamatsu Photonics, HemoPhotonics, HP, IBM, Imagine Optic, IRIS, La Caixa, Leica Microsystems, MedLumics, MONOCROM S.L., NIKON, ProCareLight, Radiantis, SEAT, SIGNADYNE SPAIN S.L., Telstar Instrumat, VLC Photonics	Researchers, industry, corporations	Relevant results and data will be shared online in specific press releases or news highlights.
Optical Society of America (OSA)	19,000 members spanning academia, government and industry, residing in 100 countries.	Researchers, industry, stakeholders	Relevant results and data will be shared online in specific press releases, news highlights.
International Society of Optics and Photonics (SPIE)	more than 17000 optics and photonics professionals, students, and organizations worldwide	Researchers	Relevant results and data will be shared online in specific press releases, newsletter or news highlights.

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Photonics21	European Technology Platform Photonics21 with more than 3000 institutions worldwide	Researchers, industry, stakeholders	Relevant results and data will be shared online in specific press releases newsletter or news highlights.
Photonics4 Life Europe	European Network of Excellence for BioPhotonics	Researchers, stakeholders	Relevant results and data will be shared online in specific press releases, newsletter or news highlights
Catalan Institution for Research and Advanced Studies (ICREA)	Catalan Institution for Research and Advanced Studies – Research Excellence	Researchers, stakeholders	Relevant results and data will be shared online in specific press releases, newsletter or news highlights
Research Centres of Catalonia (CERCA)	CERCA research centres of Catalonia is constituted by over more than 40 research centers of different fields	Researchers, stakeholders	Relevant results and data will be shared online in specific press releases, newsletter or news highlights
The Barcelona Institute of Science and Technology (BIST)	Institute that comprises six of the top research centres in Catalonia	Researchers, stakeholders	Relevant results and data will be shared online in specific press releases, newsletter or news highlights
Euro-BioImaging (ICFO is a facility node)	European Research Infrastructure for Imaging Technologies in Biological and Biomedical Sciences (Euro-BioImaging, EuBI or EuBI ERIC)	Researchers, clinicians,	Relevant results and data will be shared online in specific press releases, newsletter or news highlights

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European Technology Platform on Smart Systems Integration (EPOSS)	The European Technology Platform on Smart Systems Integration is an industry-driven policy initiative, defining R&D and innovation needs as well as policy requirements related to Smart Systems Integration and integrated Micro- and Nanosystems.	Researchers, industry	Relevant results may also be published in the EPOSS periodic newsletter.
S2E2	S2E2 is a competitiveness cluster dedicated to smart systems with national and international visibility. It gathers up to 200 industrial and academic members and reaches more than 2000 contacts from private and public institutions.	Researchers, industry	Relevant results will be published in the periodic newsletter.
HemoPhotonics S.L.	Innovative medical devices and solutions company. Founded in 2013 as Spin-Off of the world-reputed ICFO-The Institute of Photonic Sciences, Barcelona, Spain, it focuses on commercializing portable, non-invasive and real-time blood flow monitoring devices based on photonics.	Researchers (staff) and health care professionals (customers)	Relevant results and data will be forwarded to the HemoPhotonics staff mail addresses. A link to LUCA website and relevant info is intended to be included on the HemoPhotonics corporate web site.
VERMON, S.A.	VERMON customer database	Health care professionals (customers)	Relevant information and news highlights will be shared with VERMON customers.

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Annex C

List of relevant international events (e.g. congresses, conferences, fairs, etc.)

Name	Target group	Date or frequency
European Congress of Radiology	Clinicians, researchers, industry	Annual
European Conferences on Biomedical Optics (ECBO)	Clinicians, researchers, industry	Biennial
FiO/LS – Annual Meeting of the Optical Society (OSA) and the American Physical Society (APS) Division of Laser Science (DLS)	Researchers, policy makers, industry	Annual
Biomedical Optics (Optical Society of America (OSA))	Clinicians, researchers, industry	Biennial
SPIE Photonics West – BIOS	Clinicians, researchers, industry	Annual
SPIE Photonics West – OPTO	Researchers, industry	Annual
SPIE Defence + Commercial Sensing	Researchers, industry	Annual
SPIE Optics + Optoelectronics	Researchers, industry	Annual
fNIRS –Meeting of the Society for functional near-infrared spectroscopy (SfNIRS)	Clinicians, researchers, industry	Annual
Conference on Lasers and Electro-Optics/Europe and the European Quantum Electronics Conference (CLEO)	Researchers, industry	Annual
IEEE Photonics Conference	Researchers, industry	Annual
IEEE International Ultrasonics Symposium	Researchers, industry	Annual
European congress of Endocrinology (ECE)	Clinicians, researchers, industry	Annual
Spanish congress of Endocrinology (SEEN)	Clinicians, researchers, industry	Annual
Catalan congress of Endocrinology (SCEN)	Clinicians, researchers	Annual

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Endocrine Society (ENDO) Annual Meeting	Clinicians, researchers, industry	Annual
American Thyroid Association (ATA) Annual Meeting	Clinicians, researchers, industry	Annual
European Thyroid Association (ETA) Annual Meeting	Clinicians, researchers, industry	Annual
European Society of Oncologic Imaging (ESOI) and ESOI/EuSoMII Annual Meeting	Clinicians, researchers, industry	Annual
Radiological Society of North America (RSNA) - Annual Meeting	Clinicians, researchers, industry	Annual
Spanish Congress of Radiology (SERAM)	Clinicians, researchers, industry	Annual
Interamerican Congress of Radiology (CIR)	Clinicians, researchers, industry	Annual
IEEE Ultrasonics Symposium	Researchers, industry	Annual
Medica Fair	Clinicians, industry	Annual
Arab Health Fair	Clinicians, industry	Annual
EPOSS annual forum and its joint session MNBS (Micro-Nano-Bio Convergence Systems) dedicated to translational technologies.	Researcher, industry	Annual
Single Photon Workshop	Researchers, industry	Annual

This project has received funding from the *European Union's Horizon 2020 research and innovation programme* under grant agreement No 688303.
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Annex D

LUCA partners` communication and dissemination contacts

Contacts
European Congress of Radiology (ECR)
European Society of Radiology (ESR)
LASERLAB III
Spanish Society of Endocrinology and Nutrition (SEEN)
International Measurement Confederation (IMEKO)
Optical Society of America (OSA)
Fraunhofer Alliance for Medical Devices
Instrumentation and Diagnostics
International Society for Optics and Photonics (SPIE)
European Centres for Outreach in Photonics (ECOP)
SECPhO (Southern European Cluster in Photonics and Optics)
Photonics 21 (European Technology Platform Photonics21)
Photonics4Life (European Network of Excellence for BioPhotonics)
The Barcelona Institute of Science and Technology (BIST)
Research Institutes of Catalonia (CERCA)
Catalan Institution for Research and Advanced Studies (ICREA)

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