

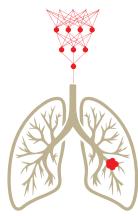
LUCIA Understanding Lung Cancer related risk factors and their Impact Assessment

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Deliverable Title	Project website maintenance
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Contributors	TECH (Liat Tsuri, Yoav Broza)
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Final	01.06.23	Marie Nabbe (HOPE), Yoav Broza, Liat Tsuri (TECH)
Revision	29.10.24	Liat Tsuri (TECH)

Partners

Number	Name	Short name
1	TECHNION – ISRAEL INSTITUTE OF TECHNOLOGY	TECH
2	DEUTSCHES KREBSFORSCHUNGSZENTRUM HEIDELBERG	DKFZ
3	FUNDACIO INSTITUT DE RECERCA BIOMEDICA	IRB
4	FUNDACIO CENTRE DE REGULACIO GENOMICA	CRG-CNAG
5	FUNDACIO CENTRO DE TECNOLOGIAS DE INTERACCION VISUAL Y COMUNICACIONES VICOMTECH	VICOM
6	RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG	UHEI
7	EMODA YAZILIM VE DANISMANLIK SANAYITICARET LIMITED SIRKETI	EMO
8	UNIVERSIDAD POLITECNICA DE MADRID	UPM
9	BILBOMATICA SA	BILB
10	LATVIJAS UNIVERSITATE	LU
11	CENTRE HOSPITALIER UNIVERSITAIRE DE LIEGE	CHUL
12	SERVICIO ANDALUZ DE SALUD	SAS
12.1	FUNDACION PUBLICA ANDALUZA PARA LA GESTION DE LA INVESTIGACION EN SALUD DE SEVILLA	FISEVI
13	YAGHMA B.V.	YAG
14	TIME.LEX	TLX
15	FEDERATION EUROPEENNE DES HOPITAUX ET DES SOINS DE SANTE	HOPE



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16	DEXAI – Etica Artificiale	DEX
17	NANOSE MEDICAL LTD	NAN
18	PRONAT INDUTRIES LTD	PRON
19	ASOCIACION INSTITUTO DE INVESTIGACION SANITARIA BIOCERUCES BIZKAIA	BCB
19.1	SERVICIO VASCO DE SALUD OSAKIDETZA	OSA
20	UNIVERSITY OF ULMSTER	ULSTER

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Abstract

This document presents (1) a summary of the design and development of the LUCIA project website and related technical requirements, and (2) an overview of the website sections. D6.5 will be delivered on time while the website, will go live in July 2023 as per European Commission PO approval. While it contains only essential information about the project, the LUCIA objectives and preliminary plans; the content will grow as the 4-year project unfolds.

The Deliverable “Communication and Dissemination Plan” (due Month 6 [M6]) will provide the strategic framework for content development.

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Abbreviations and definitions

D	Deliverable
LUCIA	LUng Cancer-related risk factors and their Impact Assessment
M	Month
WP	Work Package

1. LUCIA website development

The project website URL is: <https://luciaeuproject.technion.ac.il/>

The design and development of the LUCIA website integrate the project logo and visual specifications, as well as technical requirements, which include layout templates for content development (news, blog posts, events, etc.), webpage templates for the project's growth over the course of the next four years, and other elements.

The website has been undertaken by Israeli company RACHIP SW & HW Professionals. TECH has overseen the process, with the support of HOPE, Work Package 6 (WP6) leader.

Part 1 of this document will focus on objectives, technical requirements, and other key features. Part 2 will showcase the sections that will go live together. Part 3 will describe the next steps. Further content development will be outlined in future documents, such as the Communication and Dissemination Plan.

1.1. Objectives

The project website will be a primary information source where all materials will be published in a timely manner – from research findings and project outcomes to storytelling elements, such as podcasts and blog posts. It will be one of LUCIA's chief ways to deliver meaningful content for different target audiences, primarily the stakeholders already identified: researchers and academia, health professionals and policymakers, among others.

1.2. Technical requirements

From a technical point of view, the LUCIA website has set and matched an initial list of requirements described in the table below:

Table 1. List of technical requirements - set and matched

Technical requirements	Matched requirements
Responsive and mobile-friendly design	“MOBILE FIRST” design
GDPR	GDPR compliant; including ‘Privacy Notice’
Web analytics	Piwik Pro plug-in

Integration of relevant social media	Twitter, LinkedIn and Instagram successfully integrated; icons and space provided to fit eventual needs.
Browser consistency	Major browsers, incl., Chrome, Firefox, Safari, etc.
Strong Security	SSL (https)-certified; access assigned through strong alphanumerical passwords; isolated and secured server.

1.3. Other key features

The design of the website and its graphic features build on the project logo.



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Figure 1. LUCIA logo

The logo represents the computational model entering the lung to understand the risk factors of lung cancer, represented by the red tumor on the lung. The “I” of LUCIA is representing (1) the fight against cancer with the known logo, in white as this colour represents lung cancer awareness, and (2) the importance of genomics and phenotyping in the project. The two colours (gold-like and red) give a visually important contrast.

In addition to the technical specifications, website features and layout templates have been created to meet future communication and dissemination needs.

Table 2. List of additional website features

Feature	Scope
Newsletter linked icon and landing page	GDPR compliant and envisioned for planned communication action (visibility to encourage subscription for periodical newsletter)
Content page	Layout to showcase news items (factual pieces on events, project news, publication announcements, factsheets, blog posts, etc.)
Resources Layout Template	Layout to showcase documents related to the project (publication, media, infographics, deliverables, etc.)
Contact form	Intuitive contact form for inquiries.
Partner presentation	Layout to showcase the main information of the partners, including captions to their social networks and websites

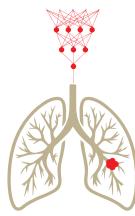
2. LUCIA website sections

The structure of the website will allow it to expand in an orderly and user-friendly way. We will not clutter the main menu, and it is meant to be intuitive as we expect different types of visitors, a reflection of the stakeholders we're targeting. The initial release of the project website in M7 will feature a plain structure where the front page, the partners, and the project description will be in the spotlight. As the project progresses, it will grow in content. This is envisioned as a structured, thought-through growth to maintain user-friendliness. In addition, the basic building blocks will allow us to maintain a coherent visual identity.

2.1. Frontpage

To avoid the endless scroll, the frontpage will showcase the following:

- The navigation header and footer (GDPR- and EU funding-compliant).
- A pertinent image, which can change as the project progresses; accompanied by LUCIA's full title.
- A band reuniting the main information about the project in a quick glance.
- A short description of the project and a summary of its profile; with a button that links to the 'About us' page.



- The 'LATEST UPDATES' section, which will be populated by hyperlinked headlines that take visitors to the News, Events and Blog posts. This will be updated automatically according to the most recent release.

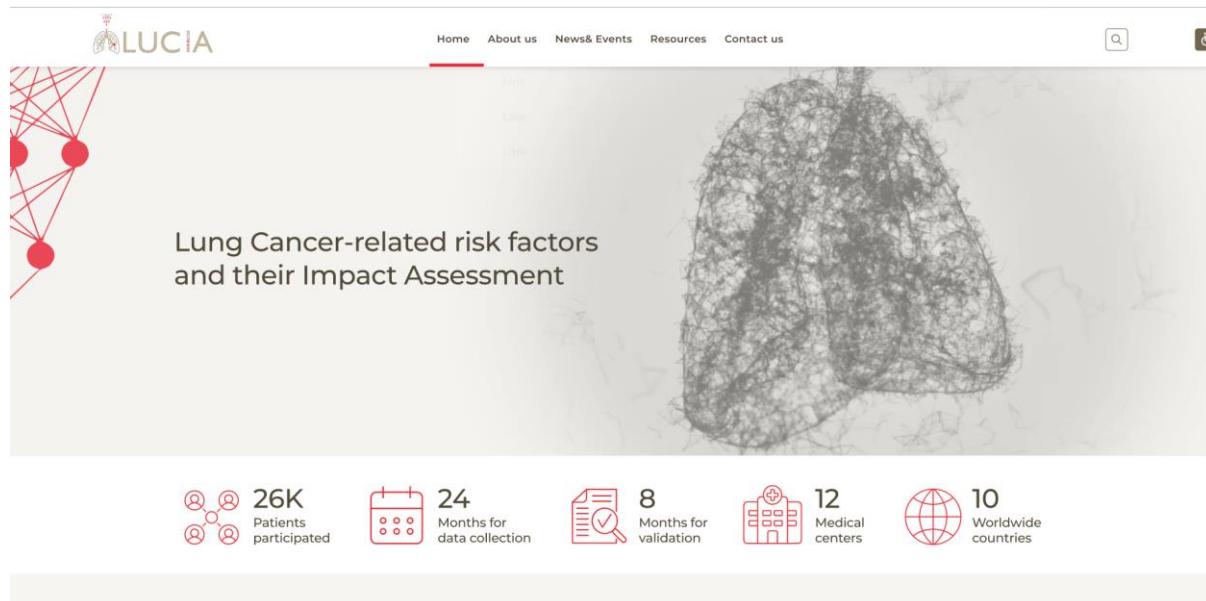


Figure 2. Navigation header, project name and main information

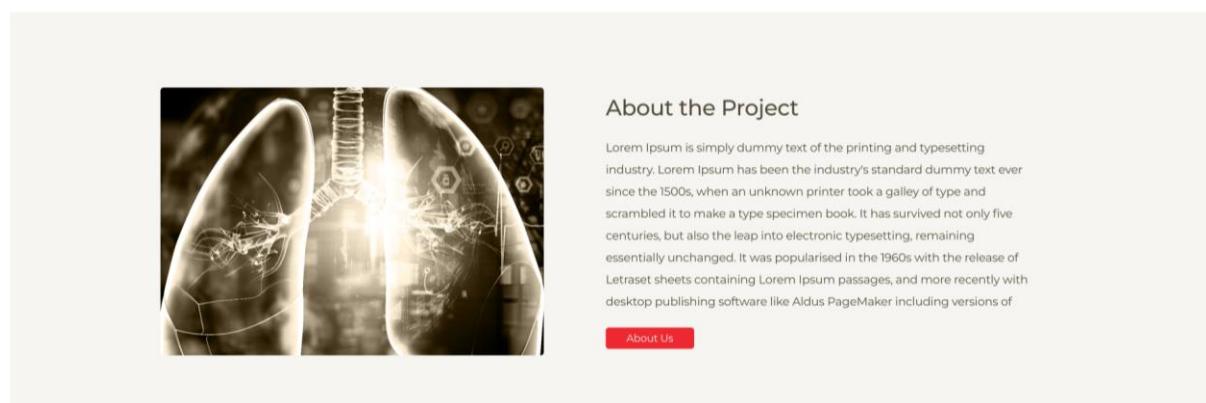


Figure 3. Summary of the project

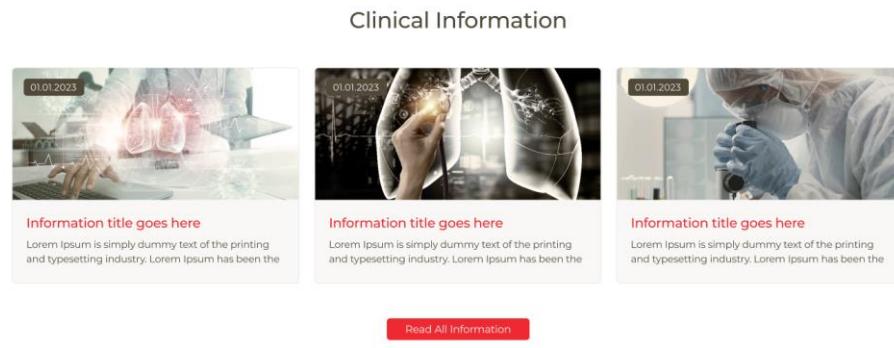


Figure 4. News dynamic summary

2.2. Project

The project webpage – the “About us” section in the figure below – provides an in-depth description of LUCIA, including the context informing our research, project objectives, implementation phases, and partner profiles and links.

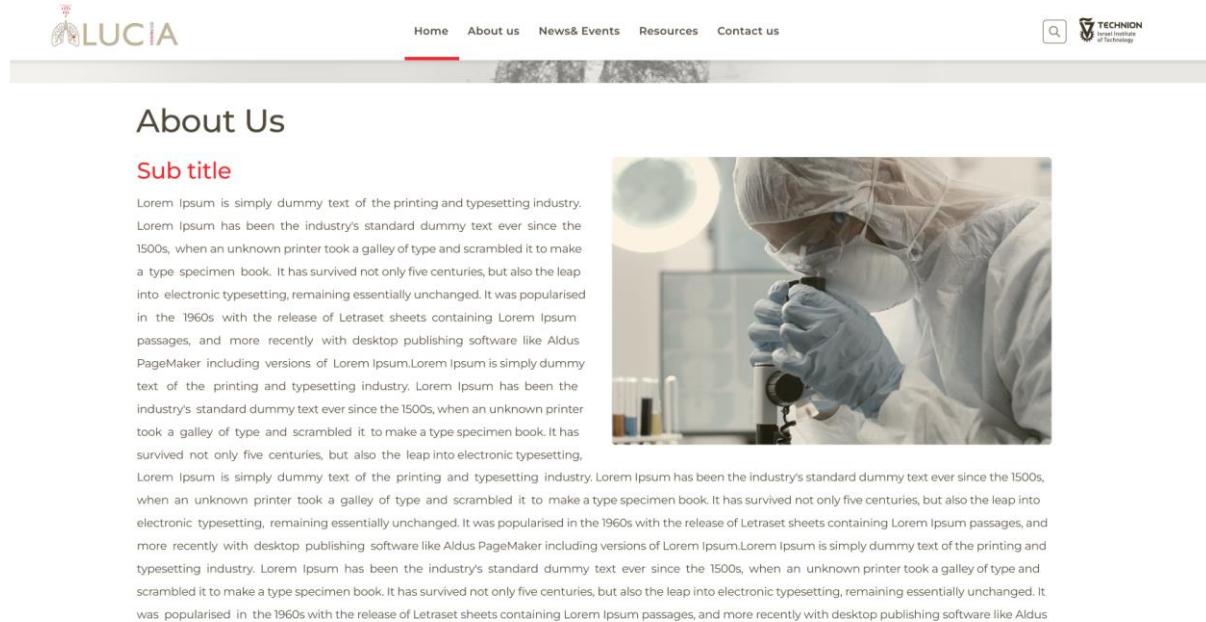
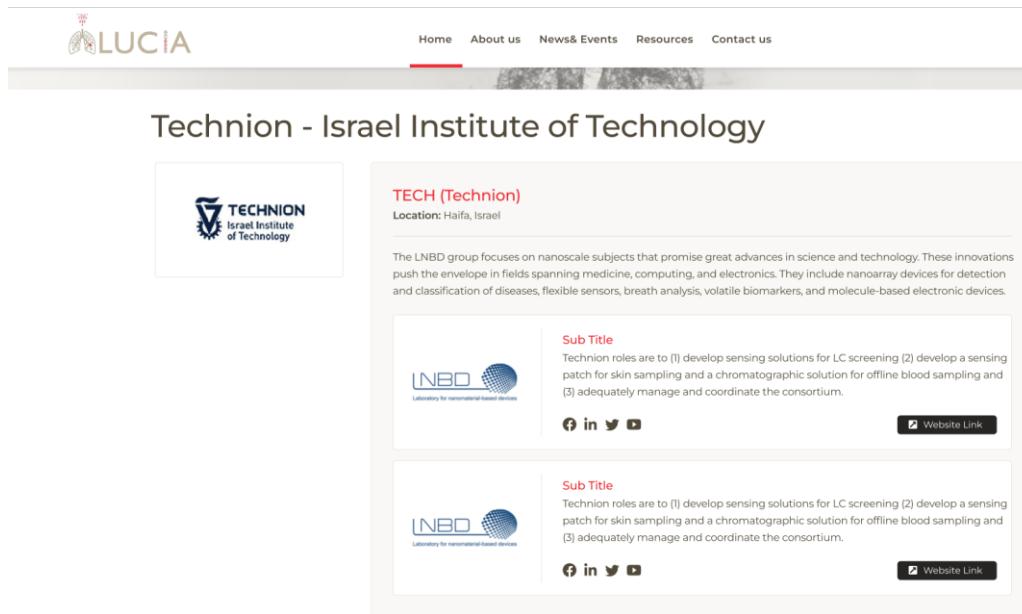


Figure 5. Project page



The screenshot shows the LUCIA website with the Technion - Israel Institute of Technology partner presentation. The header includes the LUCIA logo, a search bar, and links for Home, About us, News& Events, Resources, and Contact us. The main content area features the Technion logo and the text: "TECH (Technion) Location: Haifa, Israel". Below this, there are two sections for the INBO (Laboratory for nanoscale-based devices) partner, each with a logo, a sub-title, a detailed description of their role, social media links (Facebook, LinkedIn, Twitter, YouTube), and a "Website Link" button.

Figure 6. Partner presentation

2.3. News and events

This section will be populated with news (factual pieces on events, project news, publication announcements, factsheets, etc.). In addition, this section will compile events and showcase blog contributions (pieces with an editorial angle).



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News & Events

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Figure 7. News, events and blog posts section

2.4. Resources

This section will compile the infographics, media materials and publications of the project. Public deliverables and possibly other information will also be uploaded in this section.

Publications

From Conventional to Microfluidic: Progress in Extracellular Vesicle Separation and Individual Characterization

Publication Date: December 2022
Authors: Chen, M.; Lin, S.; Zhou, C.; Cui, D.; Haick, H.; Tang, N.
Published in: Adv. Healthc. Mater., <https://doi.org/10.1002/adhm.202202437>

[Website Link](#) [Read More](#)

From Conventional to Microfluidic: Progress in Extracellular Vesicle Separation and Individual Characterization

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Figure 8. Resources webpage example

2.5. Contact form

As the website is intended to provide an open communications channel with potential stakeholders, we have included a contact form to give visitors access to the consortium in a centralized manner.

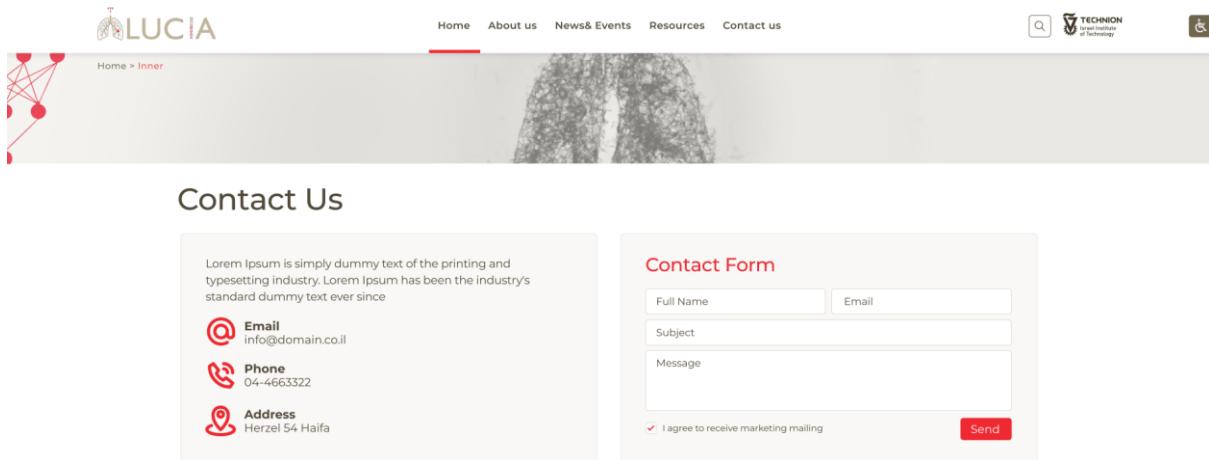


Figure 9. Contact form layout

3. Next steps

Over the course of the next eight months, we will:

- Populate the News and Blog section;
- Populate the Resources section;
- Plan for future developments according to the Communication and Dissemination Plan.