



## D4.1 Project web site, logo, and materials

### Deliverable 4.1 webpage, logo, and materials

|                   |  |
|-------------------|--|
| Project acronym   | MHz Tomoscopy  |
| Project           | 101046448 (MHz-TOMOSCOPY)  |
| Responsible Unit: | EISMEA/E/01  |
| Call:             | HORIZON-EIC-2021-PATHFINDEROPEN-01<br>submitted for HORIZON-EIC-2021-<br>PATHFINDEROPEN-01 / 25 May 2021 |
| Topic:            | HORIZON-EIC-2021-PATHFINDEROPEN-01-01 -<br>EIC Pathfinder Open 2021                                      |
| Type of Action:   | HORIZON-EIC  |
| Duration:         | 42 months  |

|                                       |                            |
|---------------------------------------|----------------------------|
| Project Start Date:                   | 01/06/2022                 |
| Project End Date:                     | 30/11/2025                 |
| Delivery date                         | 31 July 2022               |
| Work package                          | 4                          |
| Lead beneficiary for this deliverable | UPJS                       |
| Authors                               | Jozef Uličný, Daniel Moško |

Dissemination level: public





## Website accessibility

The project website is accessible via <https://www.tomoscopy.eu>. The registered internet domain name tomoscopy.eu was agreed by partners at the kickoff meeting of the project. The website name and domain emphasize the main methodology as well as european dimension of the project. The initial version of the website was launched on July 31<sup>st</sup>, the DNS records were updated on August 7<sup>th</sup>. The website will be updated in due course of time, reflecting the latest news, important milestones, and events.

## Technical details

The main part of the web server of the project is based on the Wordpress. The Wordpress platform was selected as one of the most widespread and well supported platform, reducing the risk of technologies becoming obsolete and unsupported in foreseeable future.

The domain name is registered and reserved for 9 years from now, which covers not only the duration of the project, but also 5 years data retention period. The web site is physically hosted at the UPJS partner as virtualized application server. By virtualisation of the website, whole site can be cloned, backed up, forked for development purposes, scaling up in volume or moved to another hosting place if needed.

The web developer and graphics designer of the web is part time UPJS employee, with previous experience of building and maintaining web sites and social networks which allows for flexibility in web contents and changes, as project develops.



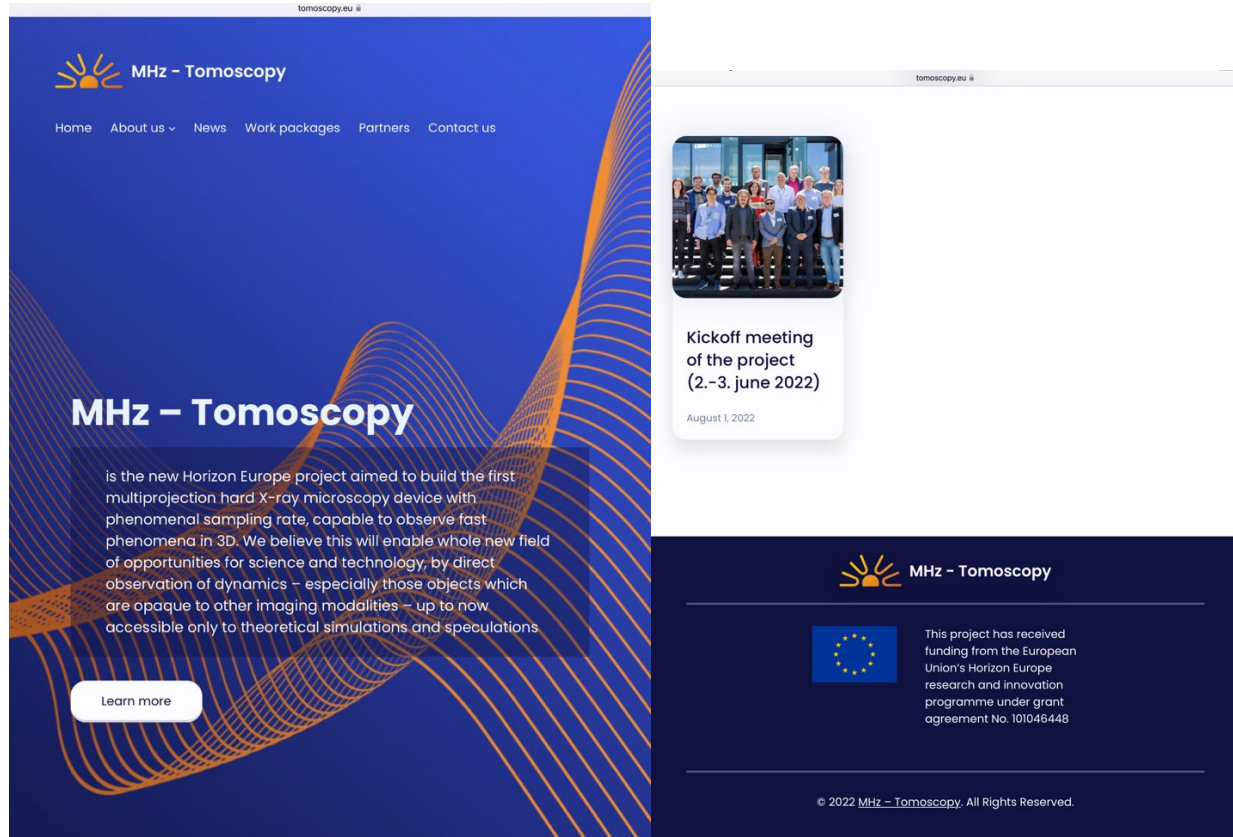


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## Website structure and content

The website frontpage consists structurally of 5 top-level components.

Topline/header contains logo of the project and the short menu with items *Home*, *About us*, *News*, *Partners*, *Contact us*



Home - Main body displays the content depending on context. The other items of the topline menu can be accessed also by scrolling the main page. This is accessibility feature allowing access on smaller screen devices (tablets and mobile phones). At the very bottom of the scrolled main page, there is the strip with standalone project logo together with project acronym and the strip with Acknowledgment and EU symbol.

The introductory Home page contains graphical motif - wavelike structure in logo color on blue background - the color selection and the graphical element of which is also utilized in presentation template. The motif underscores the wave character of the X-ray radiation - underscoring phase properties important for phase contrast imaging.



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About us item contains two sub-pages.

About project lists essential official information about the MHz tomoscopy EU project.

Project summary starts with the embedded short video taken at EuXFEL explaining the background work on X-ray microscopy and showing the general optical setup in 2D at SPB/SFX scientific instrument. This is followed by the simpler text, aimed at public, listing the principal facts giving a specific competing edge of X-ray MHz tomoscopy vs. alternative approaches.

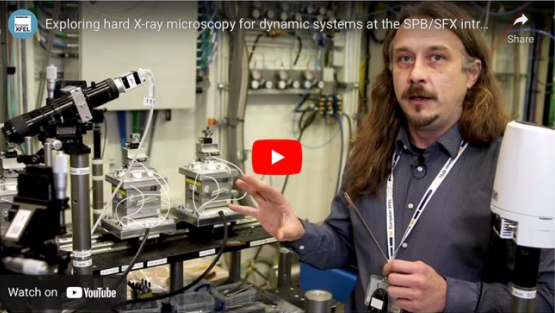
At the end, the page provides an early glimpse into the optical setup.

tomoscopy.eu

Home About us News Work packages Partners Contact us

Project summary

Exploring hard X-ray microscopy for dynamic systems at the SPB/SFX intr...



Watch on YouTube

**X-ray MHz tomoscopy – state of the art**

There are few alternative ways how to achieve the 3D imaging of rapidly evolving samples and objects of all kinds, but nothing compares directly to X-ray MHz tomoscopy. The reason is in unique imaging potential of the latest coherent X-ray sources, enabling advanced experimental setups, combined with new data acquisition and data reconstruction processes.

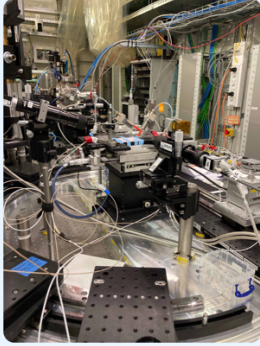
More soon...

MHz Tomoscopy

**About project**

Modern enabling technologies, such as additive manufacturing or cavitation peening used in the aerospace and automotive industries, suffer from a lack of diagnostic tools. To date, one cannot provide relevant volumetric information about the fast processes involved. The realization of this project will break the current limits in fast, 4D X-ray microscopy by three orders of magnitude. It will be possible to visualize and characterize dynamics reaching velocities up to  $\sim$ km/s for the first time with micron-scale resolutions. Instead of sample rotation, we will generate multiple X-ray probes and virtually rotate them around the sample to obtain with a single exposure multiple angular views simultaneously. Using modern X-ray sources with very high brilliance, each such 3D frame may be sampled at kHz rates at synchrotrons and even MHz rates at X-ray free-electron laser sources.

[Read more >](#)



Partners





News page will contain actual events relevant for the project, in newest to oldest order. At the time of writing, the initial news comprises of the Kickoff meeting information and photo.

Work packages contains the short description of the workpackages of the project, together with the leader and co-leader institutions responsible for the workpackage. At the bottom, the Management structure of the project is introduced.


Read more >

Partners



Our recent news

**News**



Kickoff meeting of the project (2.-3. june 2022)

August 1, 2022

tomoscopy.eu

WP1 WP2 WP3 WP4 WP5

**Method Development and Instrumentation**

**Leader**

**Desy**

**Co-leaders**

**INFN, SUNA**

This work package consists of the specification, design, realization, and characterisation of the MHz-TOMOSCOPY prototype and a design report for future dedicated setup reflecting the strategic development plan of EuXFEL

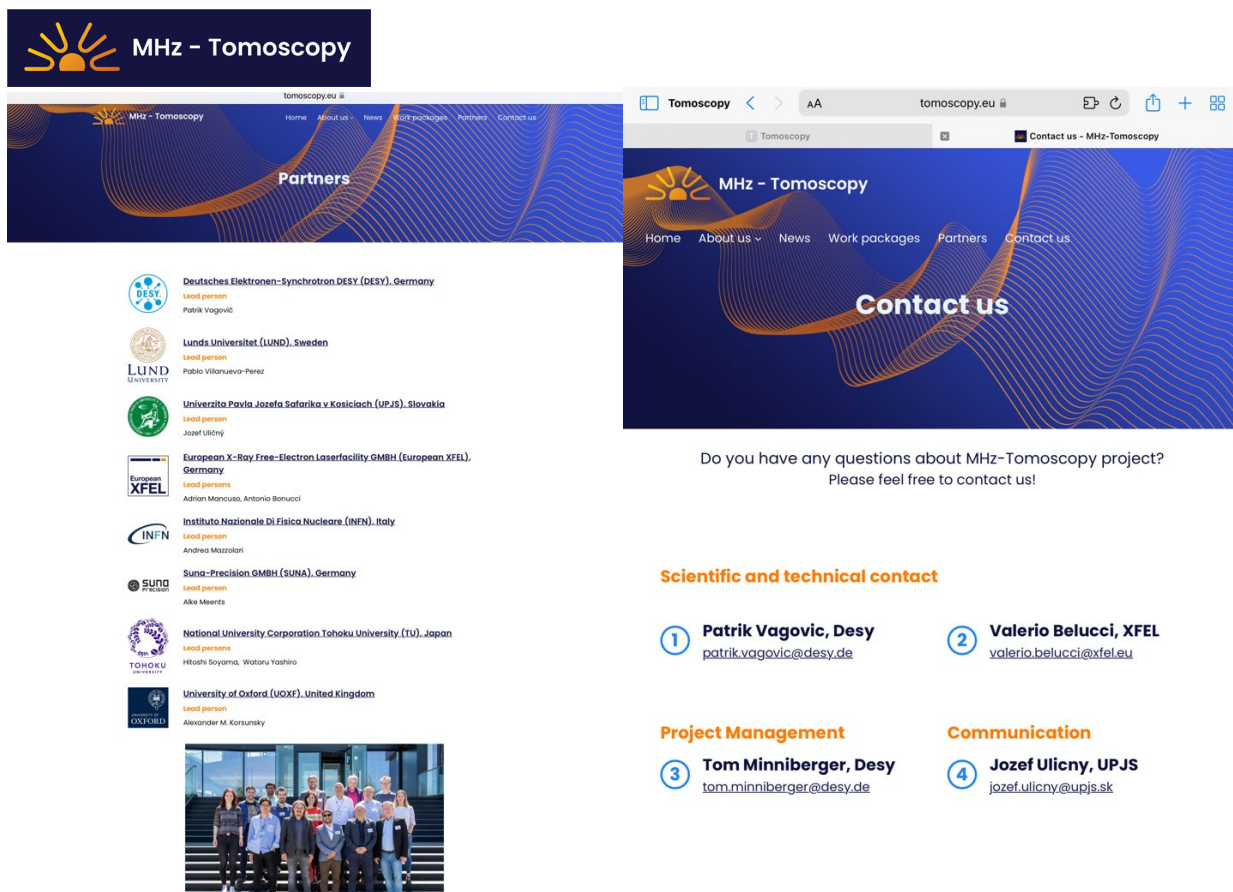
**Management structure**



MHz-Tomoscopy management structure







Partners page contains logos, hyperlinks to the institutions as well as the lead persons of the partners taking part in the project.

Contact us page contains names and e-mail addresses of the four persons in their respective roles for Scientific and technical questions, Project management as well as Communication.



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## Logo

The project logo was developed from 10 initial suggestions - sketches submitted by the partners of consortium. The initial set of suggestions were transformed by graphic designer into 3 most promising designs, scaling well for different dimensions, starting from 10 mm height and also allowing monochrome reproduction. The design #1 was incorporated into draft web page and opinions of consortium members were asked together with alternative designs. Based on positive feedback from the members, the logo based on sketch #1 was adopted. The project logo in abstract form symbolizes the core optical setup of the tomoscopic device and blends well with the other graphical elements, including Presentation template pages.



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## Presentation template


Based on the chosen project color palette and project logo, presentation template was created in the powerpoint format, containing the typical elements most commonly found in presentations. The graphical designer adapted the initial design on feedback of individual members. Both Logo and Acknowledgment info was incorporated into graphical design of web server, as well as presentation templates.




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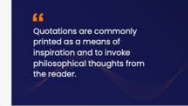
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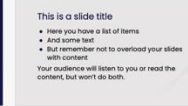
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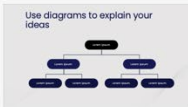
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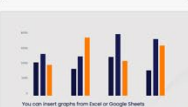
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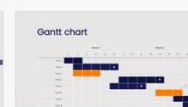
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