



## Welcome to COGITO project!

[See the website](#)



### New reports, new results, and positive feedback from the HaDEA

The year 2023 got off to a very busy start for the COGITO project. We have completed our second year of reporting, presenting to HaDEA members the results of the project in the various areas of implementation. We were pleased to see the positive reception of the results of our work, and we encourage you to read our latest reports.

[Read more](#)

#### Follow US on social media channels!



#### JOIN US:

### Digital Tools for Health & Safety on the construction site 5th May at 11.00 CET

Are you the Construction Project Manager, H&S Manager, or QC Manager? Or maybe you are just interested in Digital Twin and current, practical solutions in that area? Join our WEBINAR and get to know 'Digital tools for Health & Safety on the construction site' developed in the COGITO project! It will reduce your costs, improve quality and create a safer environment.

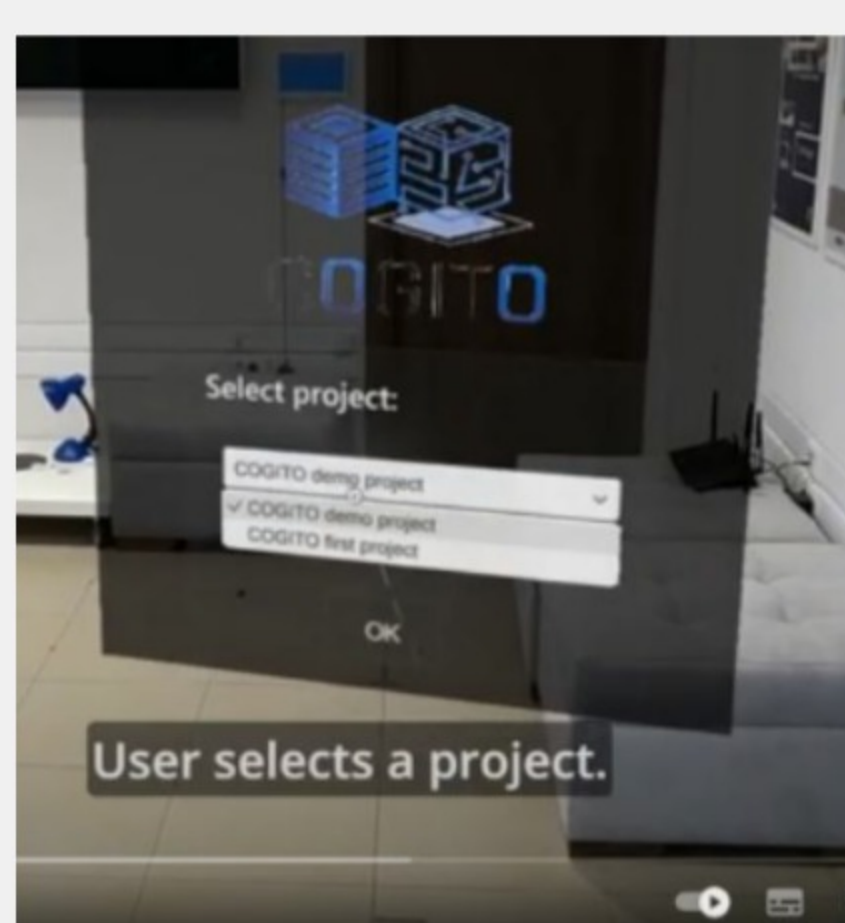
This webinar is the 2nd one out of a series of 5 webinars titled 'Practical Tools for the Construction Sector in Digital Twin' organized by the COGITO Team. The aim is to present COGITO Digital Construction 4.0 tool-box and gather important feedback from the audience.

[Read more and register HERE](#)

### Get to know Digital Twin visualisation with AR (DigiTAR) Demo

DigiTAR is software package for commercial AR head mounted displays (HMDs) to help to visualise and interact in situ with the output of the QC tools (location, type and severity of geometric and visual defects) and Safety tools (location and type of safety hazards and expected mitigation measures).

[Watch DigiTAR demo](#)

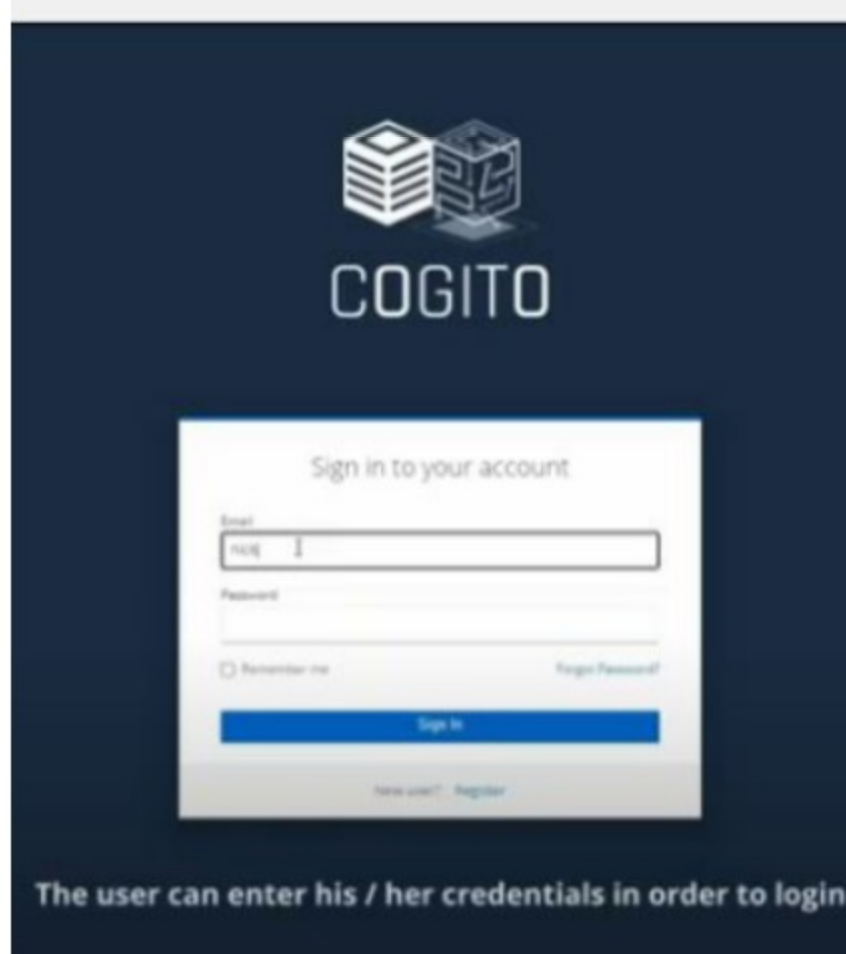


### Watch the COGITO 'Practical Tools for the Construction Sector in Digital Twin' webinar!



This webinar is recommended for everybody interested in Digital Twin solutions for the construction industry, and current practical solutions in that area. During this session, COGITO project consortium members presented Data Acquisition, Quality Control, and Visualisation tools.

[Watch the webinar here](#)



The user can enter his / her credentials in order to login

### Why Visual Data Pre-processing Tool Demo?

The Visual Data Acquisition Tool(s) are employed on-site to acquire 2D visual data of the site. Within Cogito-project, images in the visual spectrum are primarily considered, and these images may be acquired using any camera-mounted wearable AR system (e.g. DigiTAR), a phone, a mobile computer. Check how it works and subscribe to our YT channel!

[Watch demo here](#)



#### COGITO during "Ontologies in Digital Twin" workshop

This workshop was co-organized by the Building Digital Twin Association (BDTA) and 6 EU-funded projects that have developed a construction-phase digital-twin data model, and their ontological representation, capable of capturing all data requirements for the digital representation of building and/or infrastructure construction sites.

If you missed it, watch it now!

[Watch the SP 2022 workshop](#)



#### SAVE THE DATE!

Sustainable Places 2023 Conference will take place on 14th till 16th June 2023 in Madrid. COGITO will be there with a joint workshop organized in cooperation with sister projects!

Know more about the event!

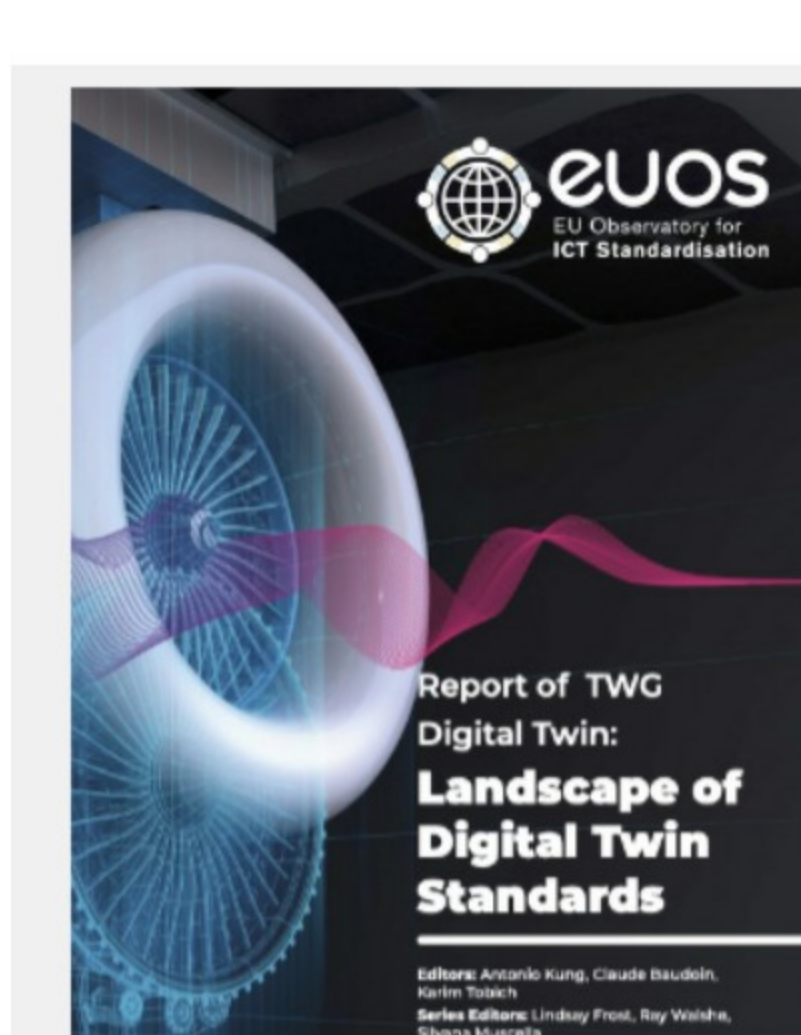
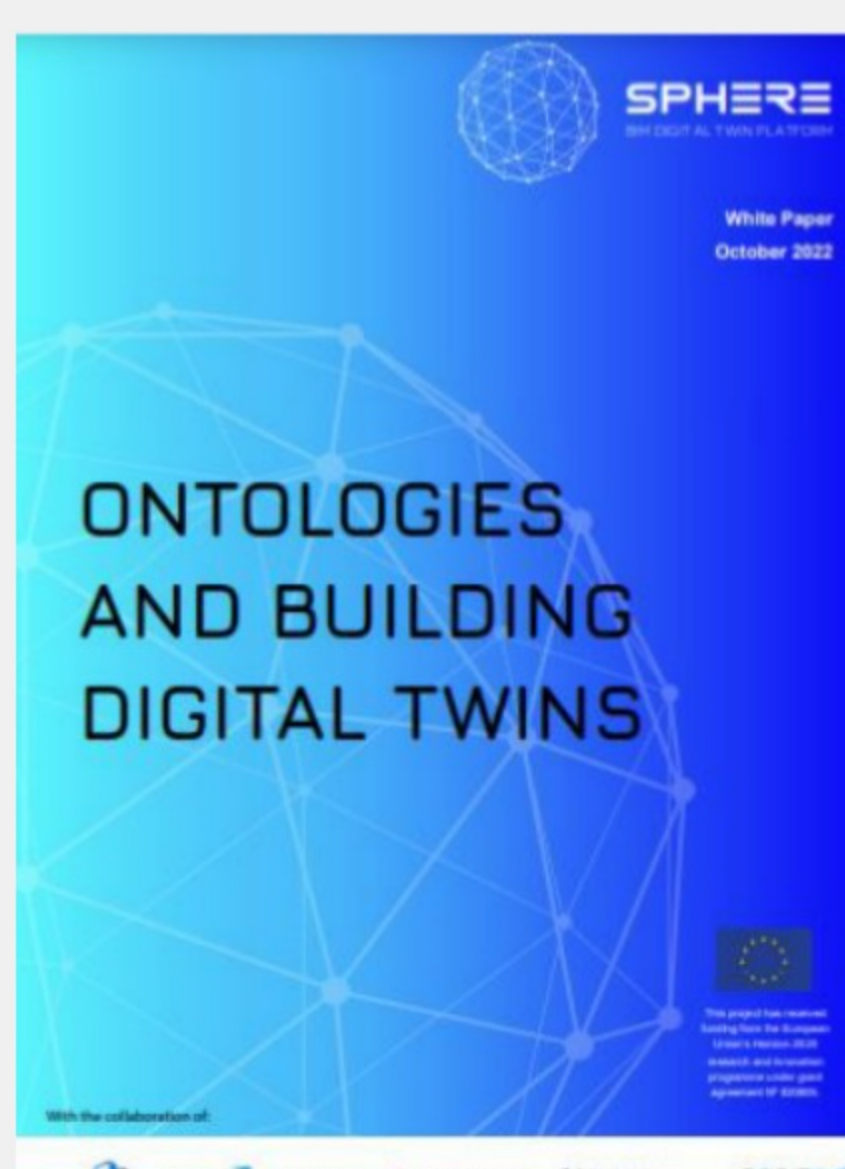
[SP2023 Conference](#)

## Publications

### ONTOLOGIES AND BUILDING DIGITAL TWINS white paper

ONTOLOGIES AND BUILDING DIGITAL TWINS white paper is a review, prepared by 6 EU-funded projects (COGITO, BIMERR, BIM2TWIN, BIMprove, BIM4EEB), of existing ontologies in construction. Software tools, use cases, motivation, alignments, and final applications with a special interest in methodologies are also presented. Final conclusions are oriented to new paths to follow in future developments, considering other technologies and commercial solutions nowadays.

[Read more](#)



### Landscape of Digital Twin Standards

COGITO's project Partner, Raul Garcia Castro from the Universidad Politécnica de Madrid, contributed to the 'Report of TWG Digital Twins: Landscape of DigitalTwin Standards' presenting COGITO approach to this topic as a cooperating project of StandICT.eu.

[Read the report here](#)

## Video



### COGITO tools and benefits in a nut shell

[Watch the video](#)

## Contact us

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