

CORE USE CASE

ThinkHub creates a collaborative, next gen education experience for data exploration between students, faculty, and external organizations at the JRCZ Data Science Lab.

LOCATION

Middelburg,
Netherlands

INDUSTRY

Higher Education
Biosciences

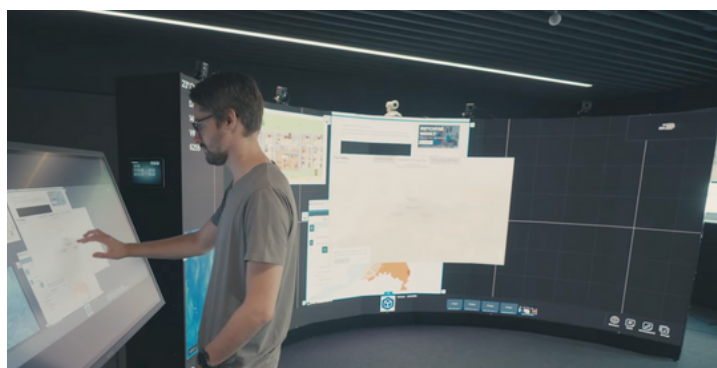


DESCRIPTION

The Joint Research Center Zeeland (JRCZ) was established by the HZ University of Applied Sciences to create an experience center for students, faculty, and external organizations to actively engage with data science in an interactive environment optimized for collaboration.

They knew that choosing the right underlying technology platform would be crucial for delivering the collaborative, multi-dimensional experience they envisioned. ThinkHub stood out for its robust set of capabilities that enable cooperative analysis of complex data in both 2D and 3D workspaces.

- + ThinkHub visual collaboration software powers multiple spaces within the JRCZ facility
 - + Large curved 1.2pp LED interactive video wall
 - + 6x1 interactive video wall
- + Integrates seamlessly with a variety of hardware and web-based applications — from IP cameras and microphones to VR and 3D technology — to create immersive experiences, accommodate different workshops, and meet student needs
- + Empowers students to actively participate in workshops and training through shared interactive visualizations — beyond static reports and presentations
- + Use the massive digital Canvas to visualize and create digital twins, maps, 3D models, and more to discover and learn from data issues and to develop solutions
- + Digital whiteboarding, notes, and unlimited content sharing creates a hands-on learning environment for students to share and communicate ideas



BACKGROUND

The Joint Research Center Zeeland (JRCZ) Data Science Lab, located in the Zeeland capital Middelburg, is a unique research institute established by HZ University of Applied Sciences. Students, researchers, companies, and the government work together here on solutions for urgent social issues in the Southwest Delta.

The JRCZ brings together three educational institutes — Scalda (MBO), HZ University of Applied Sciences (HBO), and University College Roosevelt (WO) — to prepare students to apply cutting edge technologies like data analytics and machine learning across Zeeland's industries. The JRCZ offers all facilities for research in the areas of water, energy, food, and the bio-based economy important for the Southwest Delta and for delta regions worldwide.

TESTIMONIALS

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Everybody that enters our Data Science Lab is literally 'wowed'. Once they get to work with the ThinkHub technology, which they do surprisingly quickly, they really can create awesome stuff.



Loek Van Der Linde

Data Science Lab Manager - JRCZ



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We can show the added value of data science and now we have the facilities and technologies — like ThinkHub — to do that.



Mischa Beckers

Lector Data Science - JRCZ