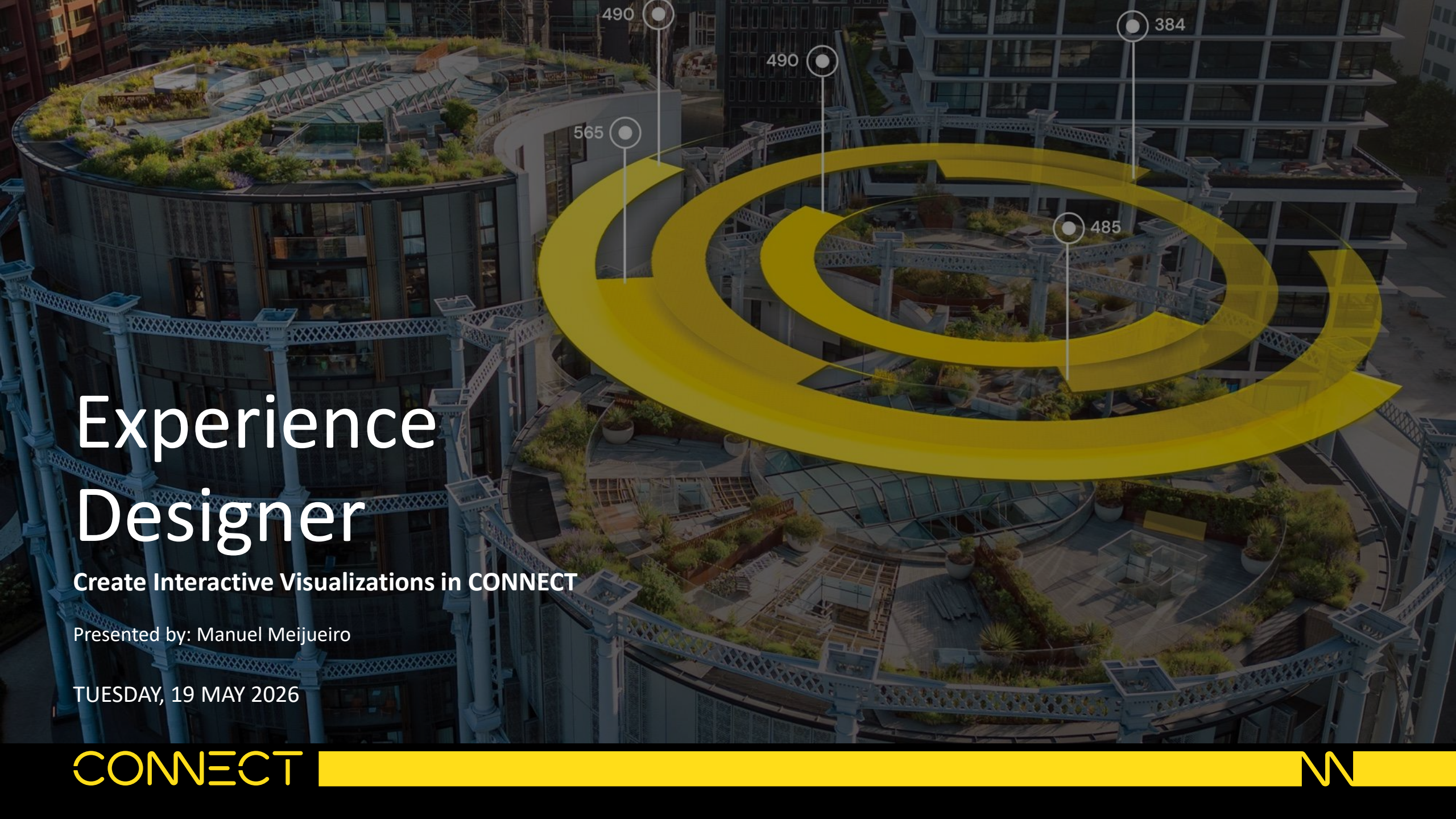




AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

An aerial photograph of a modern building with a green roof. A large, yellow, 3D spiral graphic is overlaid on the right side of the image. Five white circles with numbers are connected to the spiral by thin white lines. The numbers are 490, 565, 490, 384, and 485, arranged in a clockwise spiral pattern starting from the top left. The building has a curved facade with a grid of windows and a blue metal railing on the roof edge. The roof is covered with green plants and some structures.

Experience Designer

Create Interactive Visualizations in CONNECT

Presented by: Manuel Meijueiro

TUESDAY, 19 MAY 2026

CONNECT

N

Manuel Meijueiro

Product Manager – CONNECT visualization

AVEVA

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Accelerating industrial intelligence with CONNECT



Connectivity

Data collection tools and capabilities that transfer and sync data securely from on-premises and cloud sources.



Data management & visualization

Built-in functionality for storing, organizing, enriching, and displaying contextualized data through role-based visuals.



Collaboration

Sharing capabilities that facilitate cooperation and trusted data between both internal and external teams, securely.



AI & analytics

Assistants, agents, ML and data processing tools that expedite and amplify the analysis of data and insights.



Applications

Native applications, hybrid integrations and partner applications that leverage CONNECT's capabilities.

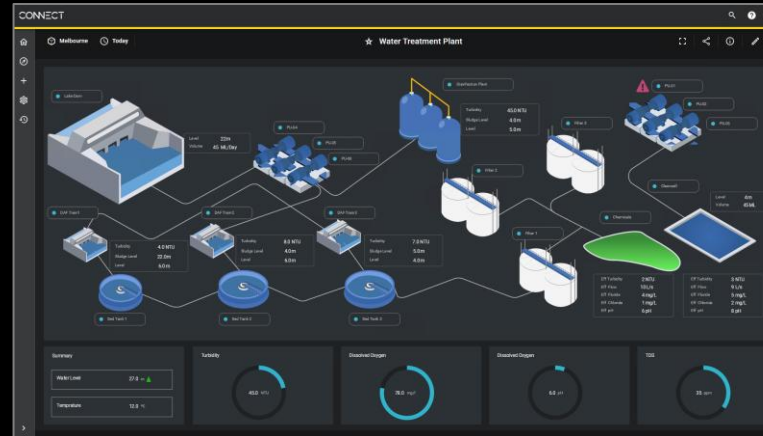
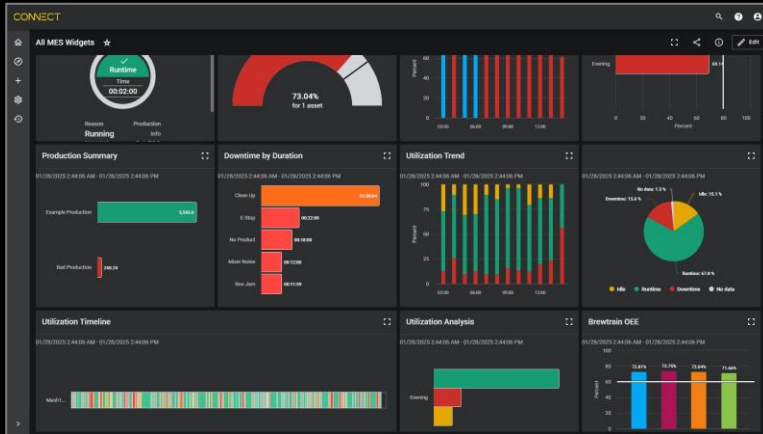
Craft role-based visualizations

Customize how you view and interact with your data



Type of Visualizations

Choose from 3 distinct display formats: Grid, Canvas and Experience



Grid style dashboard

- ✓ Responsive, snap-to dashboard, adjusting the size and placement of static content to device display
- ✓ Point, click, and configure. No coding required
- ✓ Choose from a rich library of graphics & widgets
- ✓ Embed canvas style dashboards from the content selector

Canvas style dashboard

- ✓ Freeform sketch board that allows for overlapping and layered
- ✓ Choose from a rich library of graphics & widgets
- ✓ Base set of productivity tools, to add text (embedded URL), align and duplicate content, with more to come
- ✓ Import images content

Experiences

- ✓ Rich, interactive, application style visualization, with customizable navigation options
- ✓ Dynamically driven content, advanced functions and deep customization
- ✓ Increase visibility for a 360-degree, holistic view of operations, process, engineering data and more.

Experience visualizations in CONNECT

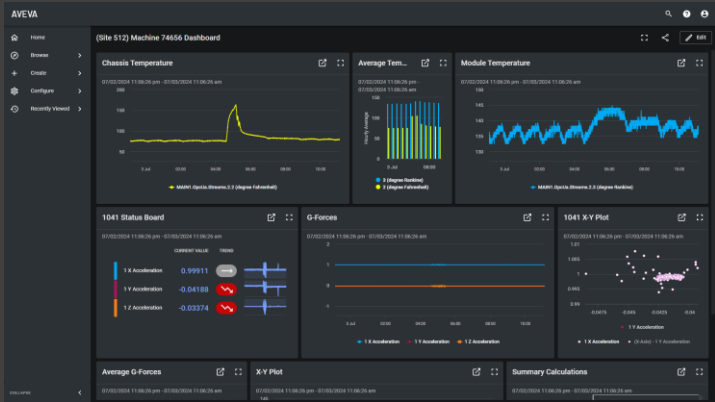
Interactive with dynamically driven content, advanced functions and deep customization



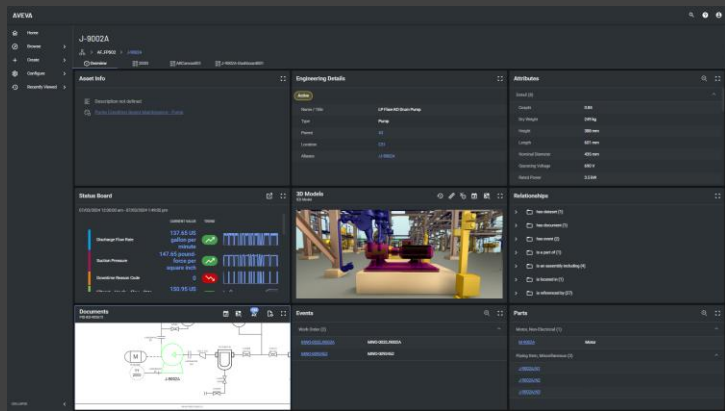
- Rich interactive experiences
- Defined views providing a more structured and interactive visualization experience that provides a great amount of flexibility to design what you want. Deeply customizable environment allows unlimited choice in design, colors, menu interactions, and content mix.
- Complete 360-degree view
- Visualize any combination of process metrics, maintenance analytics, engineering documentation, financial performance, or anything in between.
- Holistic operations view
- Increase visibility to critical event impacts from upstream and downstream operational disruptions or outages.
- CONNECT data services and third-party data sources
- Data is provisioned from CONNECT, other CONNECT applications, and third-party sources to populate visualizations with information.

Type of Content

Time-series data visualization



Models, documents, map, and other data visualization



Event and asset efficiency data visualization



Graphics Configurable & Custom



Experience designer

Create & Publish



- Assemble content into **role-specific views**
- **Publish or Save** (Published experiences are visible to others)

Navigation



- Custom Navigation Items
- Assign asset with/without children to set Asset context

Flexible Panes



- Pane hosts **any content** (Charts, Graphics, Power BI, Maps, Extensions)
- **Single or multiple content** per pane
- Empty panes can be hidden



Live Editing



- **WYSIWYG Editor**
- Changes are **immediately live**
- **Autofill** based on content type

Layout & Styling



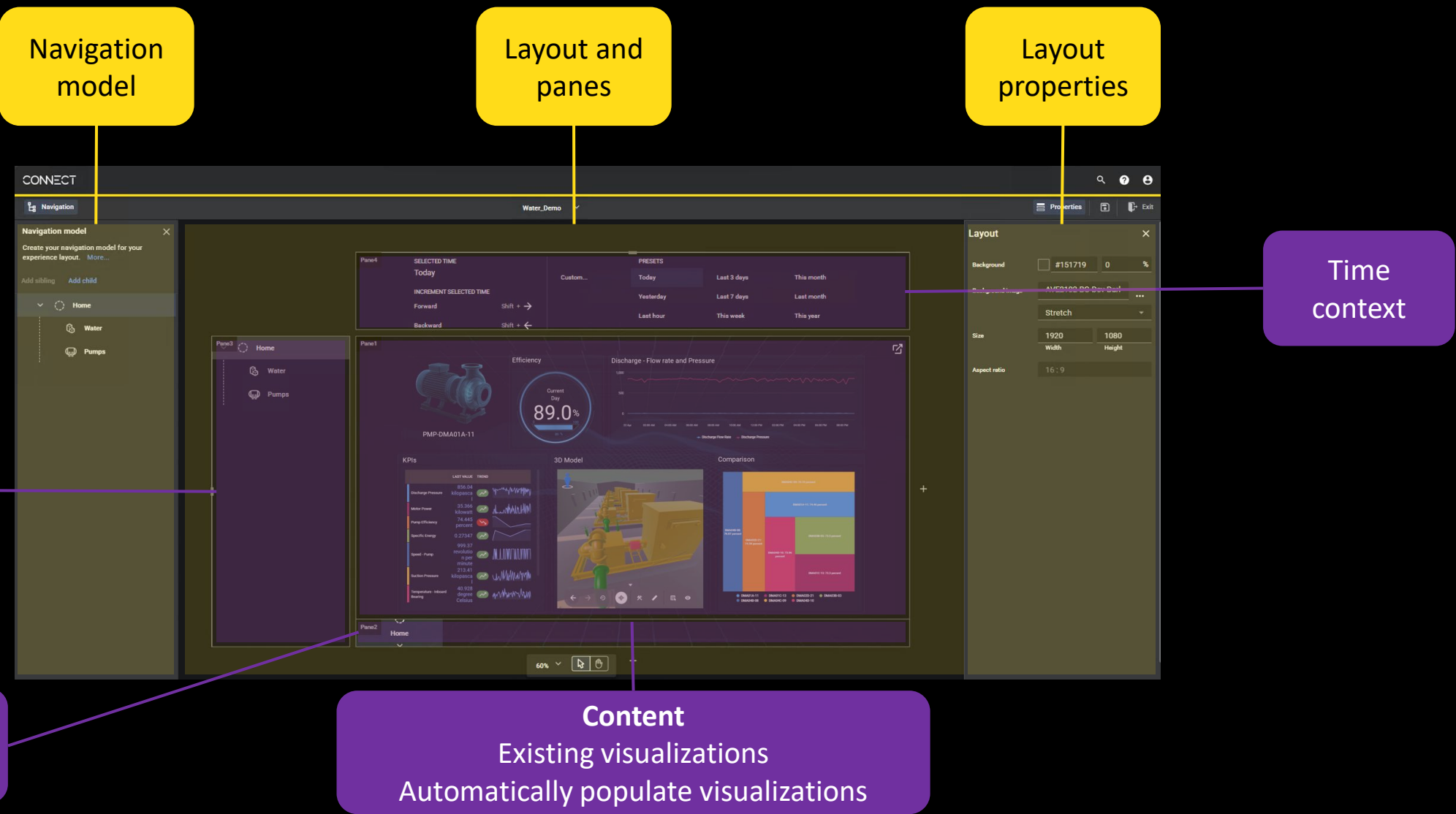
- **Color or image background**
- **Padding** supported
- Content modes: **Fit Aspect / Keep Size / Stretch**

Interaction



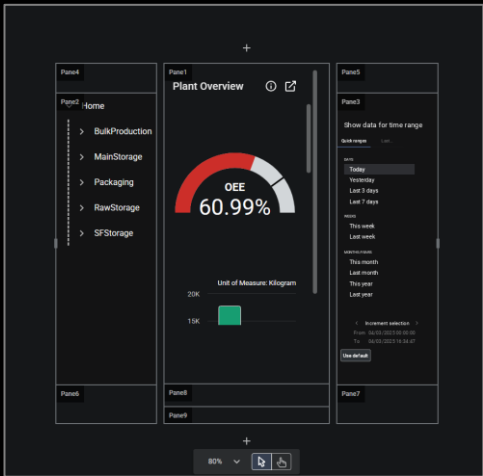
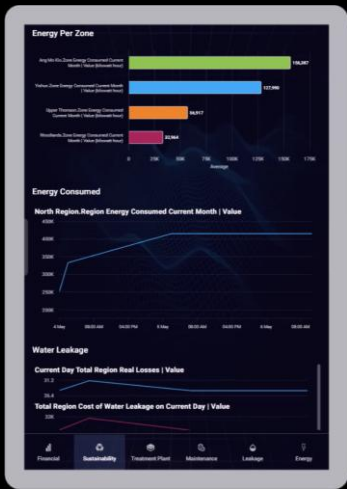
- **Pan & Zoom**
- **Multi-touch & hierarchy navigation**(up / down / left / right)

Experience designer



Experience designer - Layout configuration

It allows users to design layouts tailored to the target form factor (Desktop, Tablet, Mobile)



Navigation and Auto fill

CONNECT

Navigation

Wind Farm Overview

Properties

Exit

Navigation model

Create your navigation model for your experience layout. [More...](#)

Add sibling

Add child

Yorkshire

Hornsea Wind Farm

Turbines

GE01

GE02

GE03

GE04

GE05

GE06

GE07

GE08

GE09

GE10

Navigation item without assigned asset

Navigation item with assigned asset

Navigation item with assigned asset and children

Yorkshire

Asset reference

None

Auto fill settings

Current, up, then down

None

Current only

Current, then up

Current, up, then down

Icon

Pane1

Pane2

Pane3

Pane4

Yorkshire

50%

50%

50%

50%

Navigation and Auto fill

CONNECT

Navigation

Navigation model

Create your navigation model for your experience layout. [More...](#)

Add sibling Add child

Yorkshire

Hornsea Wind Farm

Turbines

GE01

GE02

GE03

GE04

GE05

GE06

GE07

GE08

GE09

GE10

Navigation item without assigned asset

Navigation item with assigned asset

Navigation item with assigned asset and children

Wind Farm Overview

Split pane Add content

Pane1

Content types

Select All Remove All

Search content types

Margin

Variance

Warehouse

Production

Agility

Efficiency

Operations

Quality

Backward Shift + ←

Content types & Content fill

Content types

Basic Advanced

Content types

Content fill

/Production/Operations

Auto fill

Name

Pane1

Background

#151719 0 %

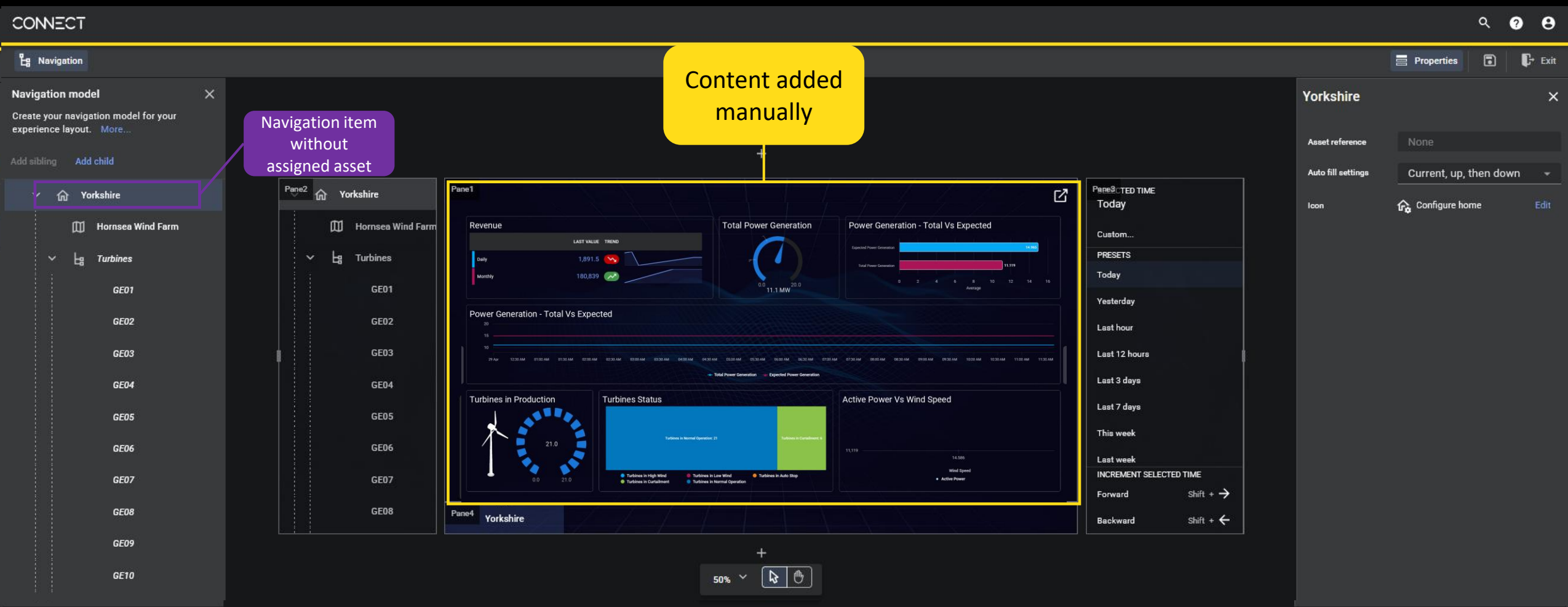
Padding

0 0 0 0

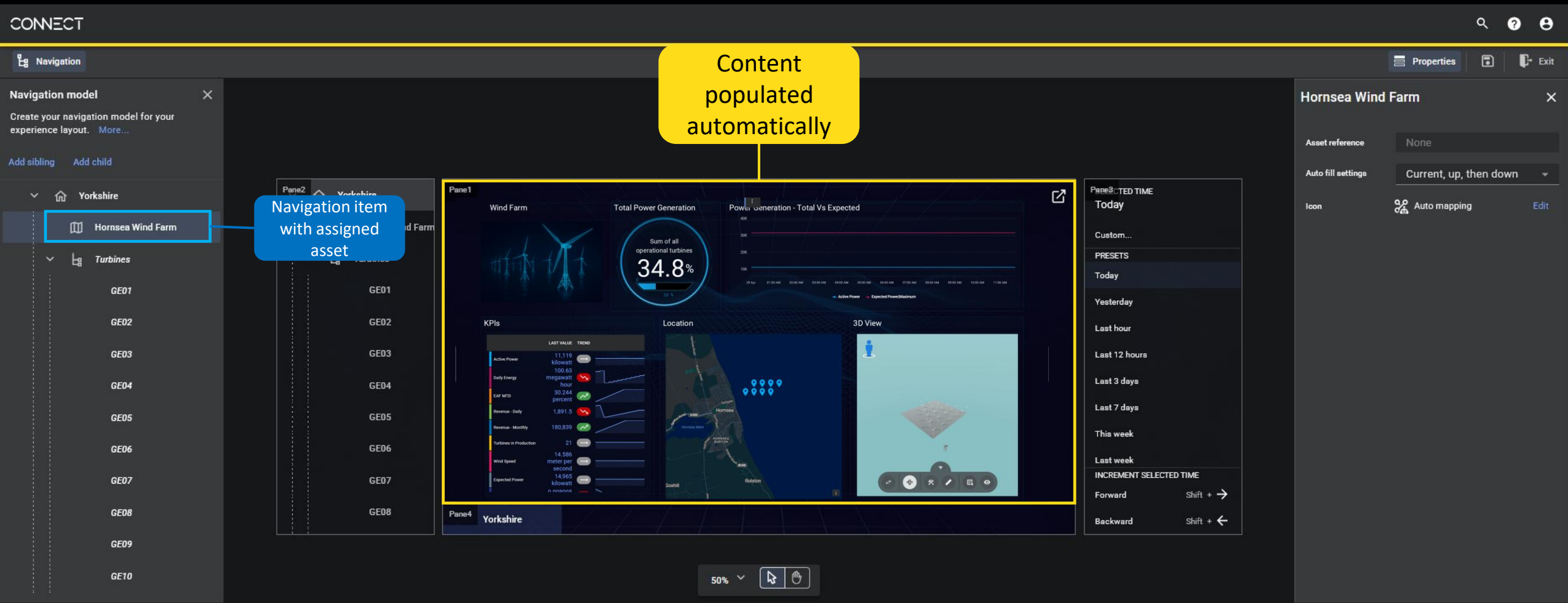
Top Right Left Bottom

Enable hierarchy navigation

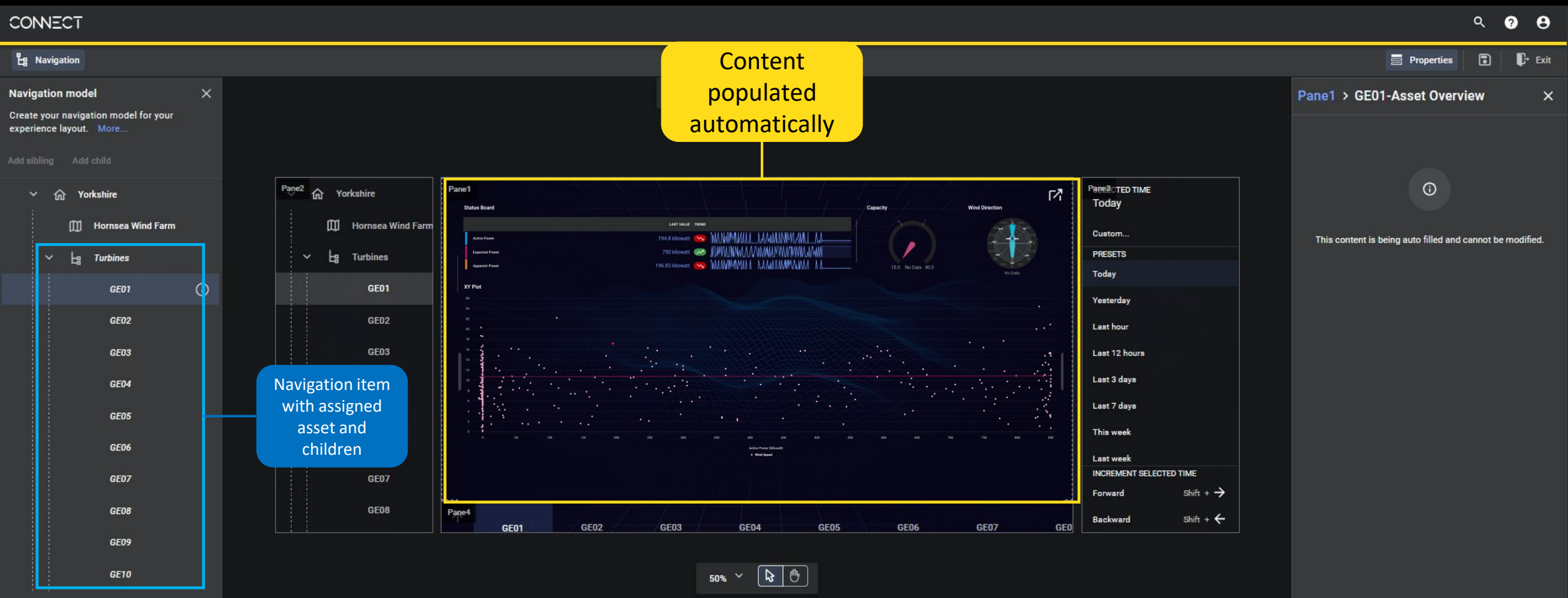
Navigation and Auto fill



Navigation and Auto fill



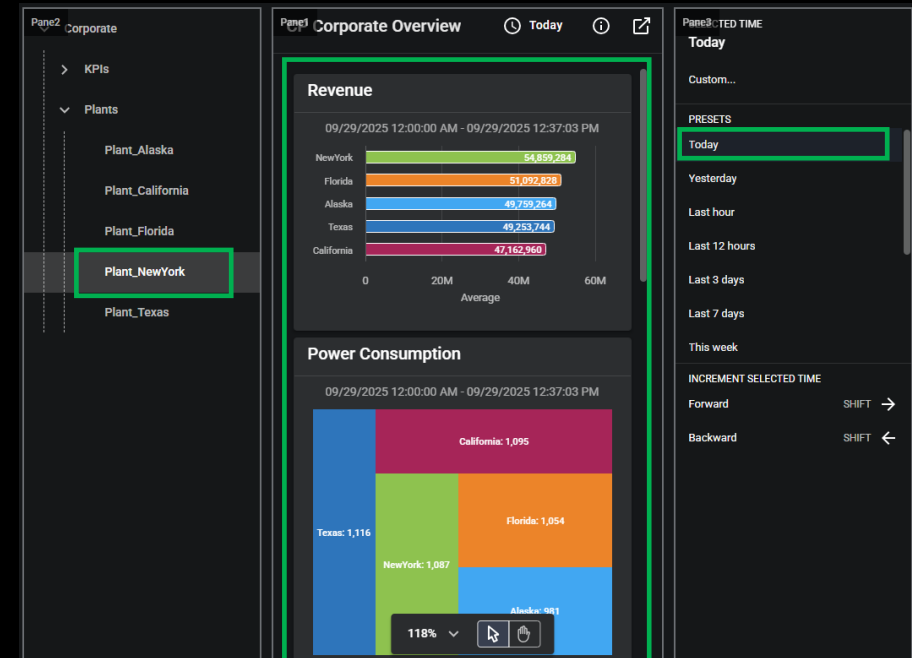
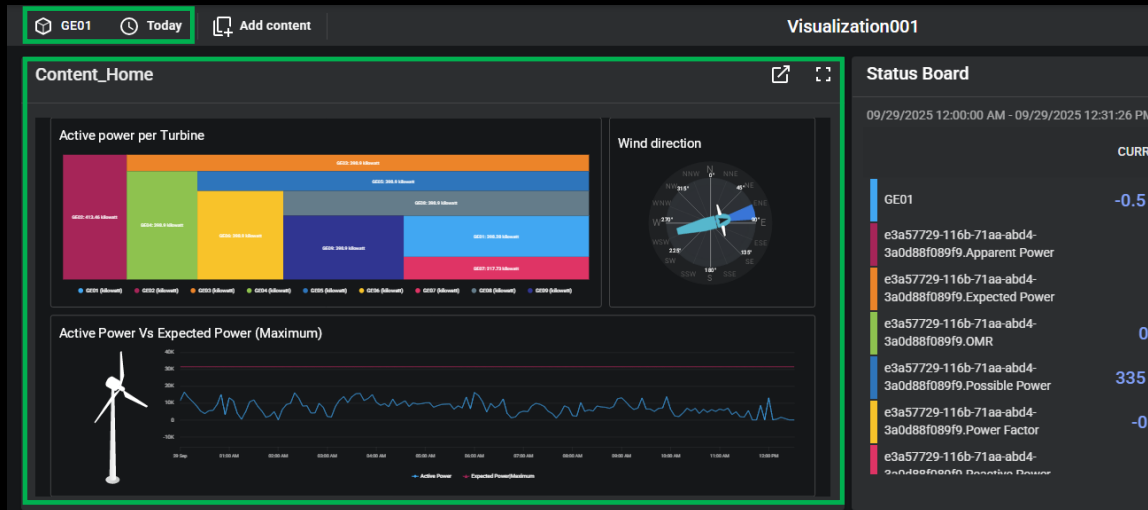
Navigation and Auto fill



Asset and Time Context (embedded visualizations)

Time and Asset can be propagated to embedded visualizations

- Context can be propagated to Visualization Canvas embedded in Visualization Grid
- Context can be propagated to Visualizations embedded in Experiences

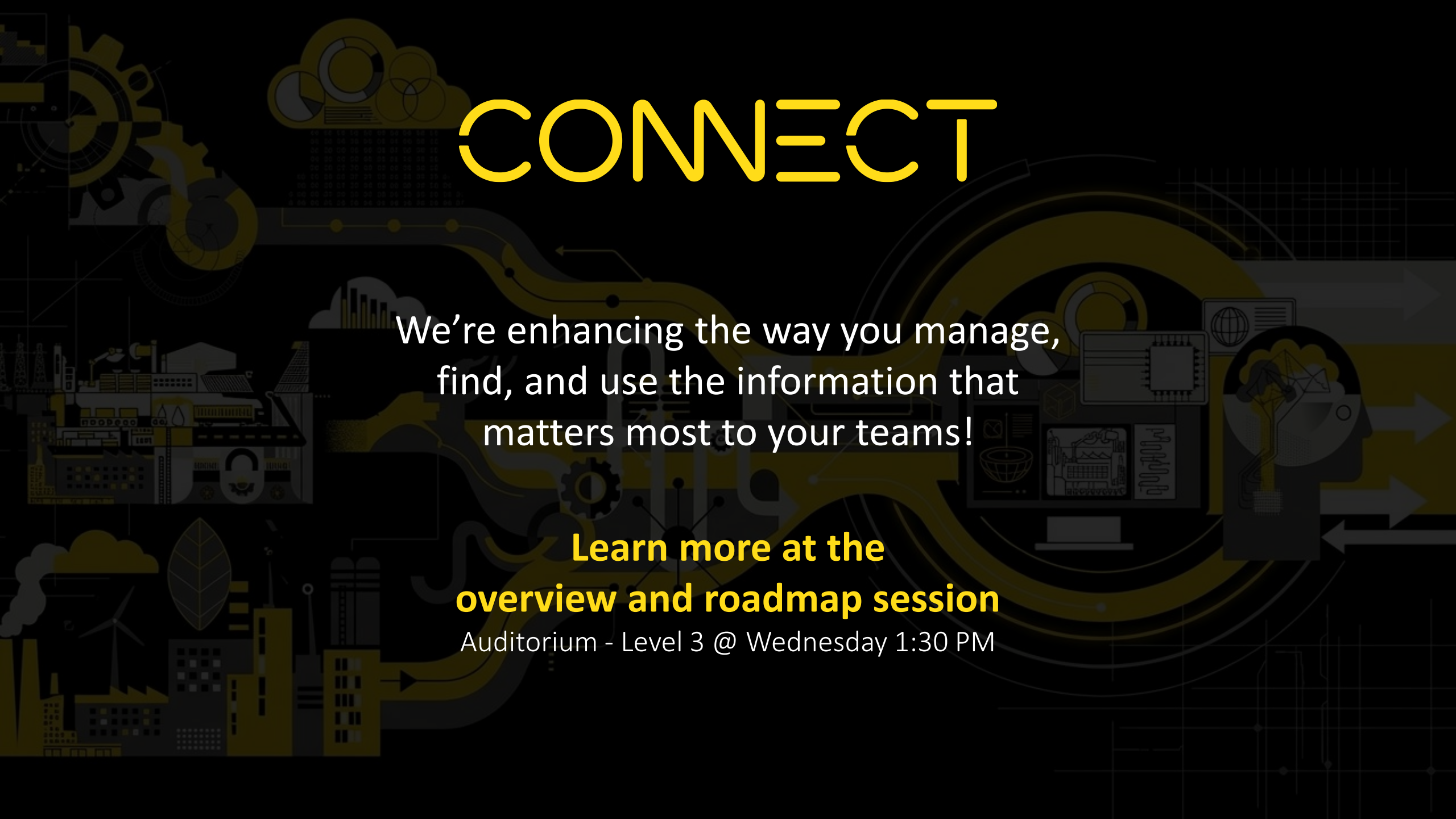


Demo - Experience designer

The following labs describes a set of essential workflows to get you started with Experiences



- ✓ Create a new experience
- ✓ Add and manage navigation items
- ✓ Assign an asset reference and optionally include child assets
- ✓ Add and split panes
- ✓ Add a navigation and time selector
- ✓ Add existing visualizations
- ✓ Automatically populate content
- ✓ Customize the experience
- ✓ Save and publish the experience
- ✓ Launch the experience



CONNECT

We're enhancing the way you manage,
find, and use the information that
matters most to your teams!

**Learn more at the
overview and roadmap session**

Auditorium - Level 3 @ Wednesday 1:30 PM



Innovation Zone

Accelerate your industrial intelligence

► Visit the CONNECT area

- *Featuring demos and product experts*
- *Try CONNECT yourself!*

► Attend the CONNECT Lounge

- *20-minute technical presentations*
- *Product managers & development staff*



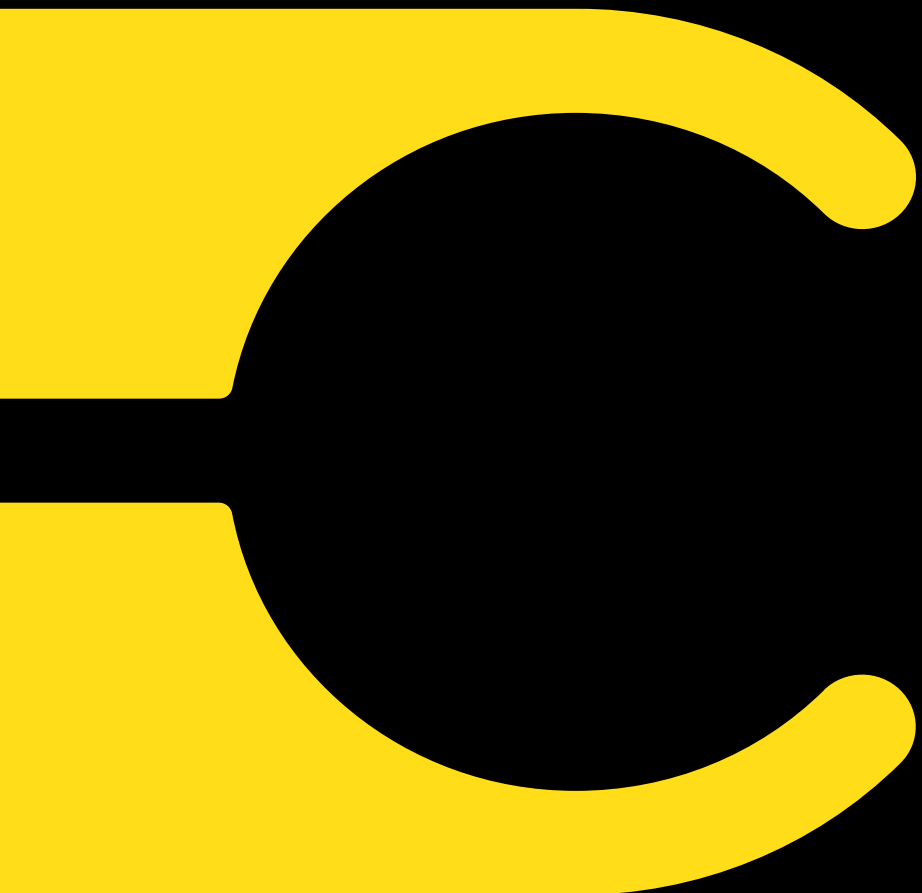
CONNECT

Upcoming CONNECT sessions

- **Methanex:** Manufacturing AI Agent - From Data Access to Data Delivery
Tomorrow, 4:15p - 4:45p , Amber 3
- **Power and Water Corporation:** A Move to PI Data Infrastructure – Exploring PI in the Sky
Tomorrow, 4:15p – 4:45p, Amber 4
- **Calcamite, 4Sight OT:** Building a Sustainable Water Future for Developing Nations
Tomorrow, 5:00p – 5:30p, Amber 1
- **Agnico Eagle:** From Analytics to Enterprise Intelligence: How Agnico Eagle Scaled CONNECT Across Mining Operations
Thursday, 10:30a – 11:00a, Amber 4
- **Architecting Digital Twins on CONNECT: AI-Assisted Twin Building at Scale**
Tomorrow, 3:30p – 4:00p, Amber 2
- **Delivering Intelligent Data Integrations, Edge DataOps and Edge AI with Flows on CONNECT**
Tomorrow, 4:15p – 4:45p, Amber 2
- **Visualizing Data with CONNECT: Industrial Awareness at Scale**
Tomorrow, 5:00p – 5:30p, Amber 2
- **From Data to Decisions: Advanced Industrial Analytics and Machine Learning with CONNECT**
Thursday, 09:45 – 10:15, Brown 2
- **AVEVA AI: Empowering Decisions for the Next Industrial Era**
Thursday, 10:30 – 11:00, Brown 2
- **Plugging In: Integrating CONNECT with the Enterprise Data Stack**
Thursday, 11:15 – 11:45, Brown 2

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AVEVA is a world leader in industrial software, providing engineering and operational solutions across multiple industries, including oil and gas, chemical, pharmaceutical, power and utilities, marine, renewables, and food and beverage. Our agnostic and open architecture helps organizations design, build, operate, maintain and optimize the complete lifecycle of complex industrial assets, from production plants and offshore platforms to manufactured consumer goods.

Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world's most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

Learn more at www.aveva.com