Design a better future

Autodesk Forma

Todays’ building design and real estate professionals need best-in-class solutions to deliver new environments, advancing a sustainable world for today’s communities and future generations.

**Operational energy**

Minimize the impact of building design on energy-use and carbon emissions throughout the entire project lifecycle.

**Microclimate**

Understand how potential design and climate conditions influence the microclimate of your project area.

**Solar energy**

Estimate solar energy potential of photovoltaic panel systems.

**Sun beams**

Analyze and predict exposure to direct sunlight throughout the year.

**Daylight potential**

Explore the impact of building orientation and façade type on light distribution and energy consumption.

**Mind**

Simulate user experience at the project site.

**Noise**

Predict and visualize noise impacts to inform decisions on site planning and urban design.

**View**

Analyze and quantify the potential of project areas.

**Analysis you can trust**

Forma’s data-driven insights are powered by forward-looking technology that marry high-resolution data to simple-to-use user interfaces. With Forma, you can trust the analysis you need with just the click of a button. Forma automatically adapts to your location, and gives you access to the insights you need with just the click of a button.

**Estimate solar energy**

Use Forma's solar simulation tool to estimate the solar potential of your project site.

**Optimize daylight potential**

Get a key element of sustainable building design & energy performance correct from day one with Forma's solar simulation tool.

**Predict operational energy**

Understand the impact of early design decisions on energy use, and make smart, sustainable choices.

**Analyze microclimate**

Breathe life into your design decisions with Forma's microclimate analysis tool. This intuitive tool helps you to understand how the microclimate of your project area influences the building massing and environmental information to be considered.

**Analysis on project costs**

Planning into the earliest stages of your design. Forma's data-driven insights at your fingertips, Forma's suite of sustainability solutions empower architects, real estate developers and urban planners.

**Minimize noise**

Image, Courtesy of Arco Project Lead and Architect, ARCO Architecture Company Richard Hogan

Buildings that are more sustainable. And the final result of the project Lead and Architect, ARCO Architecture Company Richard Hogan

The benefits of using data is to create better buildings. Buildings that fit into our cities better. Buildings that are more sustainable. And the final result of the process. Tools like this help make sustainable design more accessible and understandable, helping us to better understand the implications of our design decisions at the onset of projects. Tools like this help make sustainable design more accessible and understandable, helping us to better understand the implications of our design decisions at the onset of projects.

**Estimate solar energy**

With Forma, you can now visualize the impacts of four key parameters; window to wall ratio, and the U-value of façades and ground surfaces.

**Assess air flow**

In an urban grid, a high-rise site can differently influence the air flow characteristics throughout the site. Forma's air flow analysis tool allows you to predict and impact ventilation and air flow patterns, and iterate design options quickly.

**Protect views**

Forma’s view analysis tool helps you better understand the implications of your design decisions at the onset of projects. Forma’s view analysis tool helps you better understand the implications of your design decisions at the onset of projects.

**Forma’s suite of sustainability solutions empower architects, real estate developers and urban planners.**

The ability to use data-driven insights and evaluate impacts of design decisions is real-time, a tool in the toolkit of experienced developers looking to deliver sustainable, novel urban-scale projects.

**Earnings Disclaimer**

We refer to these earnings forward-looking statements about our revenue, earnings results and related assumptions, projections, prospects, and financial condition and performance. These statements are not based on historical facts but are forward-looking statements that involve risks and uncertainties.

**Safe Harbor Statement**

This statement is not a recommendation to buy, sell or hold any security or any class or series of securities. Any security held in a jointly-owned account, or any security or account held by a deceased person or estate, shall be subject to the limits on the purchase of such security or account. Any security held in a trust account for a living trust or estate of a living trust shall be subject to the limits on the purchase of such security or account.