AUTODESK
Forma

Autodesk Forma: Make solid foundations for your projects.

Autodesk Forma is a cloud-based software that empowers architects and urban planners to plan sites and develop early-stage designs faster, smarter and more collaboratively. Forma's conceptual design capabilities, predictive analytics, and automations, enable you to deliver comprehensive feasibility studies and build solid foundations for your projects.

Unlock efficiencies in your workflow

Work more effectively and make faster decisions at every step of the way. Forma's intuitive project setup, design automations and fluid connectivity with other software such as Revit and Rhino (beta) let you focus on your priorities, be it design exploration or winning more projects.

Back up your decisions with data

Rapidly create, iterate, and test different versions of your design ideas in real-time. The data-driven insights from Forma's powerful analyses lets you enhance your intuition and make informed design decisions that drive better business and sustainability outcomes.

Improve collaboration and communication

Collaborate in the same cloud-based 3D model anytime, anywhere to drive your project forward together. Secure early buy-in from your key stakeholders by using data and visuals to tell a compelling design story that is aimed at winning you more bids.

"Autodesk Forma is a huge time saver for us in these early phases. It allows us to quickly start drawing and not spend time creating a base model especially when there's not much data available. Moving from Autodesk Forma to Revit for detailed development, this saves even more time as we already have a base model and don't need to build it from scratch."

Adam Sjödin, Architect, Urban planner and digital strategist, Sweco Architects

"The fast iterations and immediate feedback from Forma mean you learn a lot about urban building principles from this approach. I now have a better understanding of how qualities like daylight, noise and sunlight can best be achieved, and I have the data to back it up in meetings – that is very useful knowledge to have."

Hilde Nessa, Architect, PKA

"By just having that dialogue using Forma while you're sitting with the stakeholders at the table cut out a lot of time for us. It removed the back and forth that we'd be dealing with still, saving time by not having to exchange additional emails or set up unnecessary meetings. Now we were able to finalize a full concept design in 2 weeks as opposed to the standard 4-to-6-week period."

Aline Antunes, Architect and senior job captain, CUBE 3

Autodesk Forma:

Make, test, and streamline your planning and designs

▌ Key Features

- Intuitive and easy to use
- Fully rendered 3D environment
- Rapid cloud computing
- Automatic datasets (Terrain, buildings, and boundaries for select markets)
- Advanced analyses including noise, sun hours, daylight potential, solar energy, wind, operational energy and microclimate
- Revit interoperability
- Smart 2D and 3D design tools
- Parking design
- Floor plan sketcher
- Visual Compare
- Import and export file formats, including IFC and OBJ
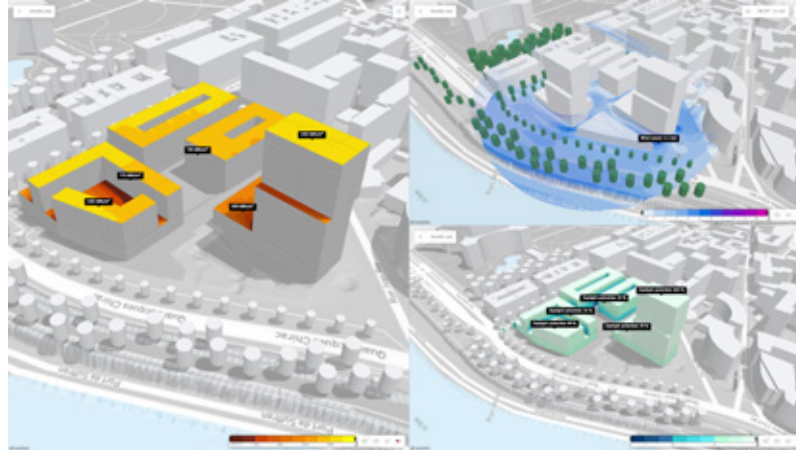- Free viewer access

Image: Forma compares how different analysis results like solar energy, wind and daylight potential perform on the same site.

“Autodesk Forma opens up new possibilities for design and collaboration.”

Knut Ramstad, CTO and Architect, Nordic Office of Architecture

▌ Ready to start using Autodesk Forma?

Discover Forma for yourself

[Sign up here for a free trial]

Scan the QR code to learn more about Forma's features.

Eight reasons to try Forma

1 Better feasibility studies in half the time
Work more effectively using Forma's automatically sourced data sets (Terrain, buildings, and boundaries), integrated analyses, automatic area calculations and smart sketching tools – all on one single platform.

2 Get a head start with Forma
Forma helps you build a solid, fact-based foundation for your project. Pressure test your proposal and resolve problems early to avoid costly delays later on which can jeopardize your project.

3 Analyze and iterate your proposals in minutes not weeks
Instantly access a wealth of analyses from day one to understand your site, validate ideas and help you meet regulations. Get results at the speed of design, instantly understand the impact and improve your designs at any time.

4 Never Compromise
Discover and compare more options in parallel to confidently pinpoint the best concept for your site. Optimize your proposals for density, performance and livability.

5 Interoperability with Revit
Work between Revit and Forma to avoid rework. Using the Revit add-in, transfer your massing model into Revit for documentation and detailing, and switch between them both for analysis and iteration.

6 Fewer Spreadsheets, More Design
Spend more time on creating value, not counting it. Say goodbye to manually calculating floor area and parking and free up more time for strategic decision making and experimenting with new ideas.

7 Tell compelling design stories
Having supporting data and clear visuals at hand facilitates smoother discussions with the planning authorities and other stakeholders, helping you to secure buy-in.

8 Future proof your business
With its continued evolution into the future AECO industry cloud, Autodesk Forma provides you with a powerful opportunity to lead the way in digital transformation within the industry. Get a head start today with Forma's first set of capabilities for early-stage planning and design.

autodesk.com/forma

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