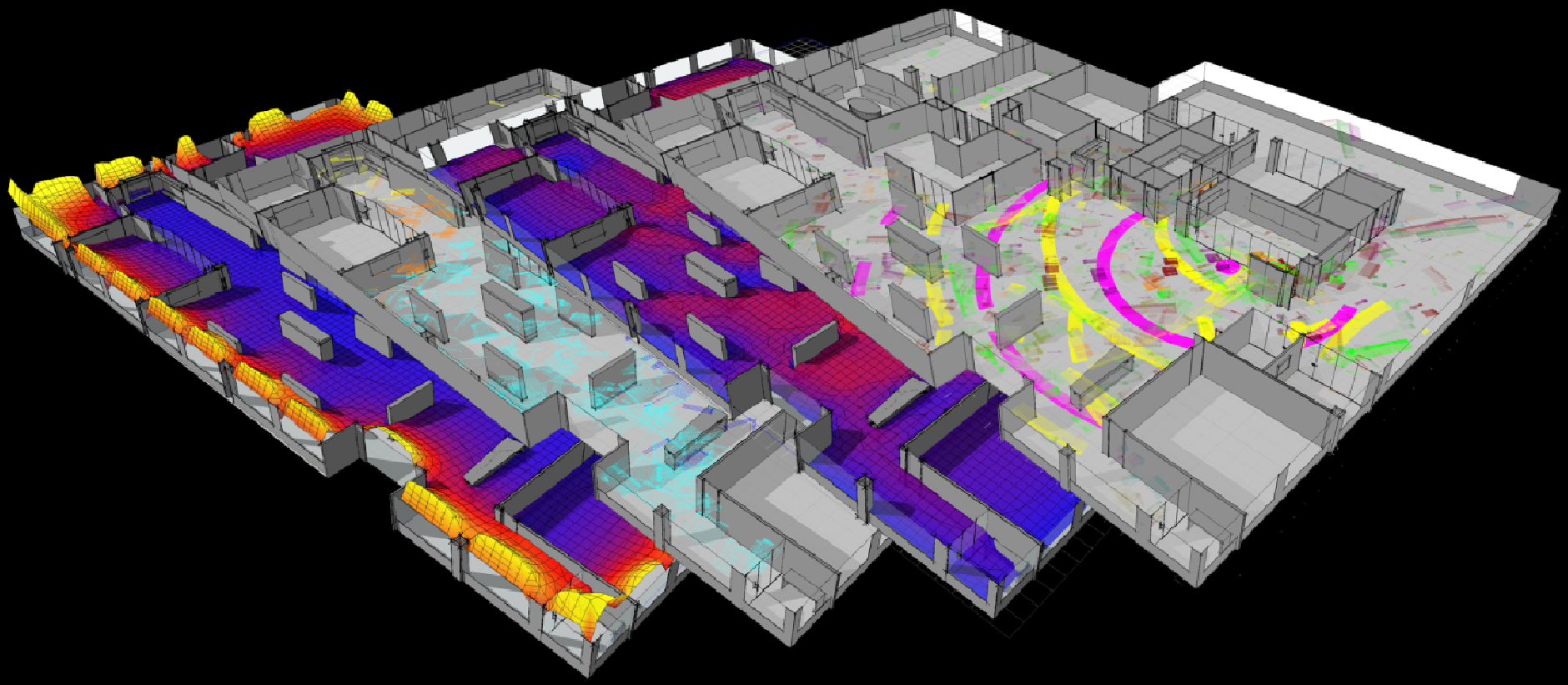
Image courtesy of Shanghai Tower Construction and Development Co., Ltd. Rendering by Gensler.

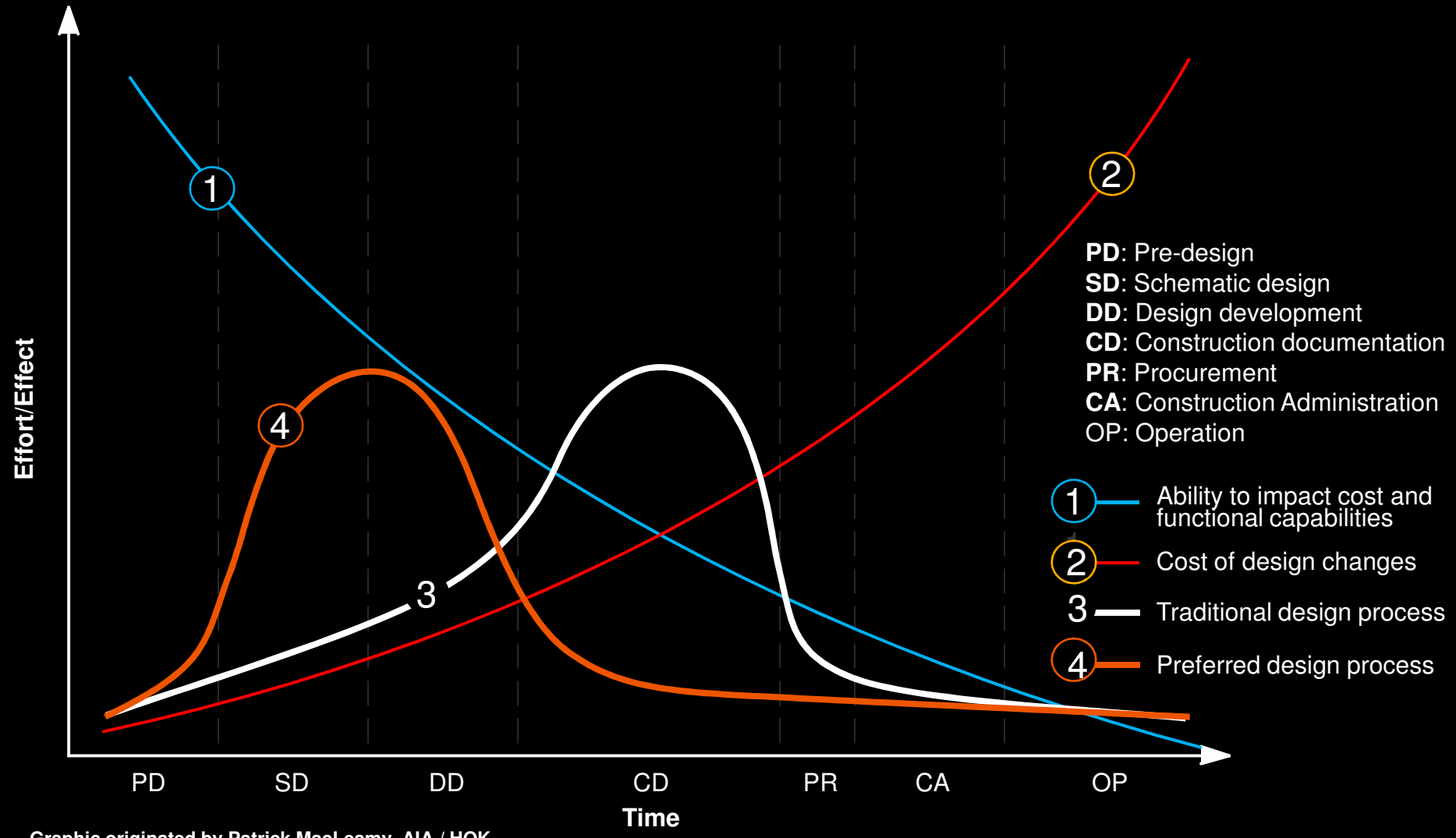
Autodesk

Autodesk Building Information Modeling (BIM)



Autodesk

The Role of Digital Prototyping



Graphic originated by Patrick MacLeamy, AIA / HOK

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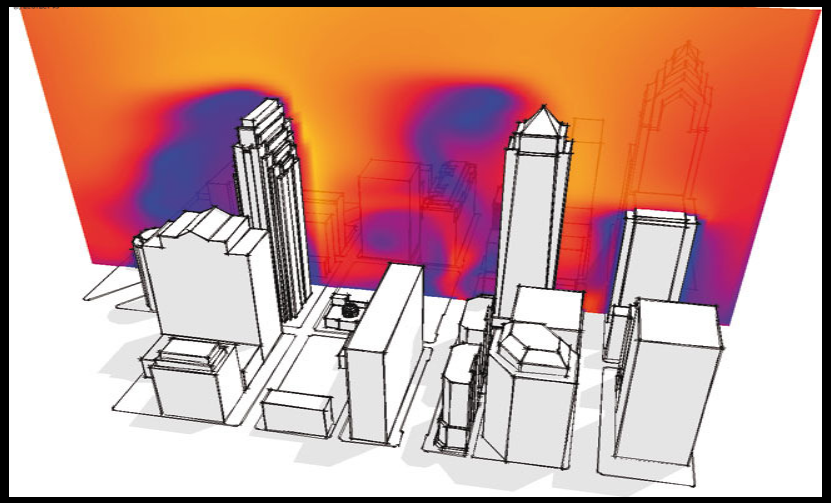
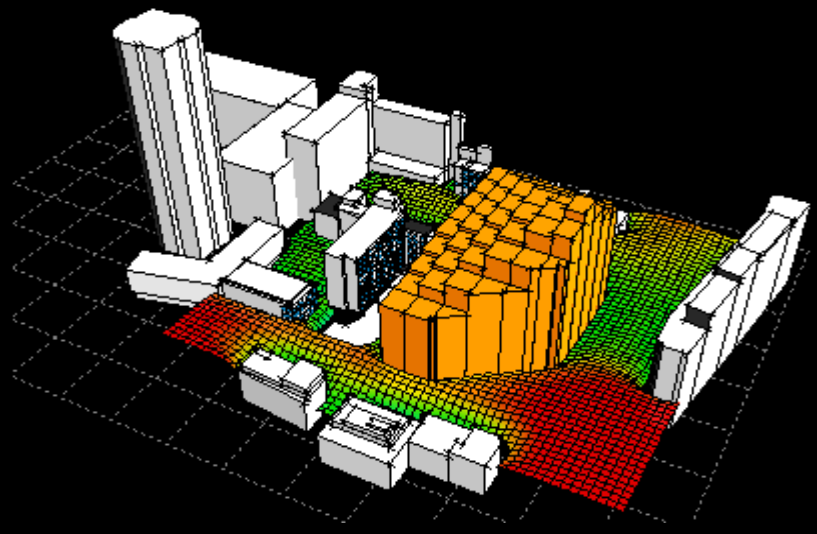
// Autodesk Ecotect_

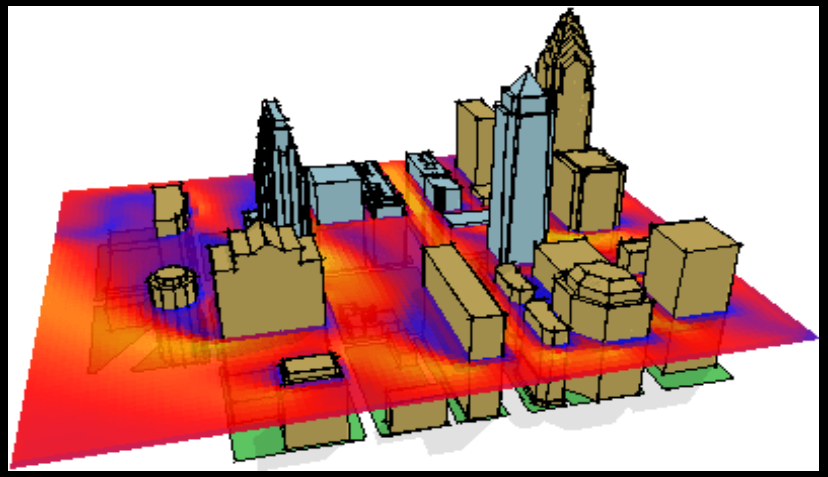
Sustainability Simulation and Analysis



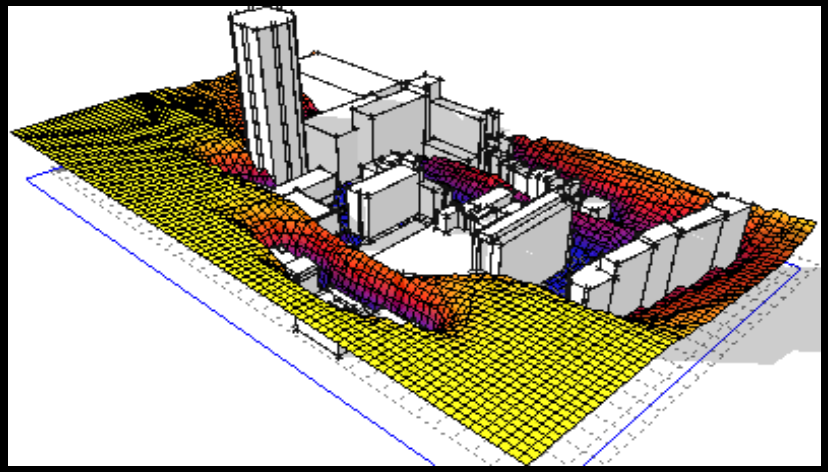
Air Flow



Right to Light



Prevailing Winds



Solar Radiation

Autodesk

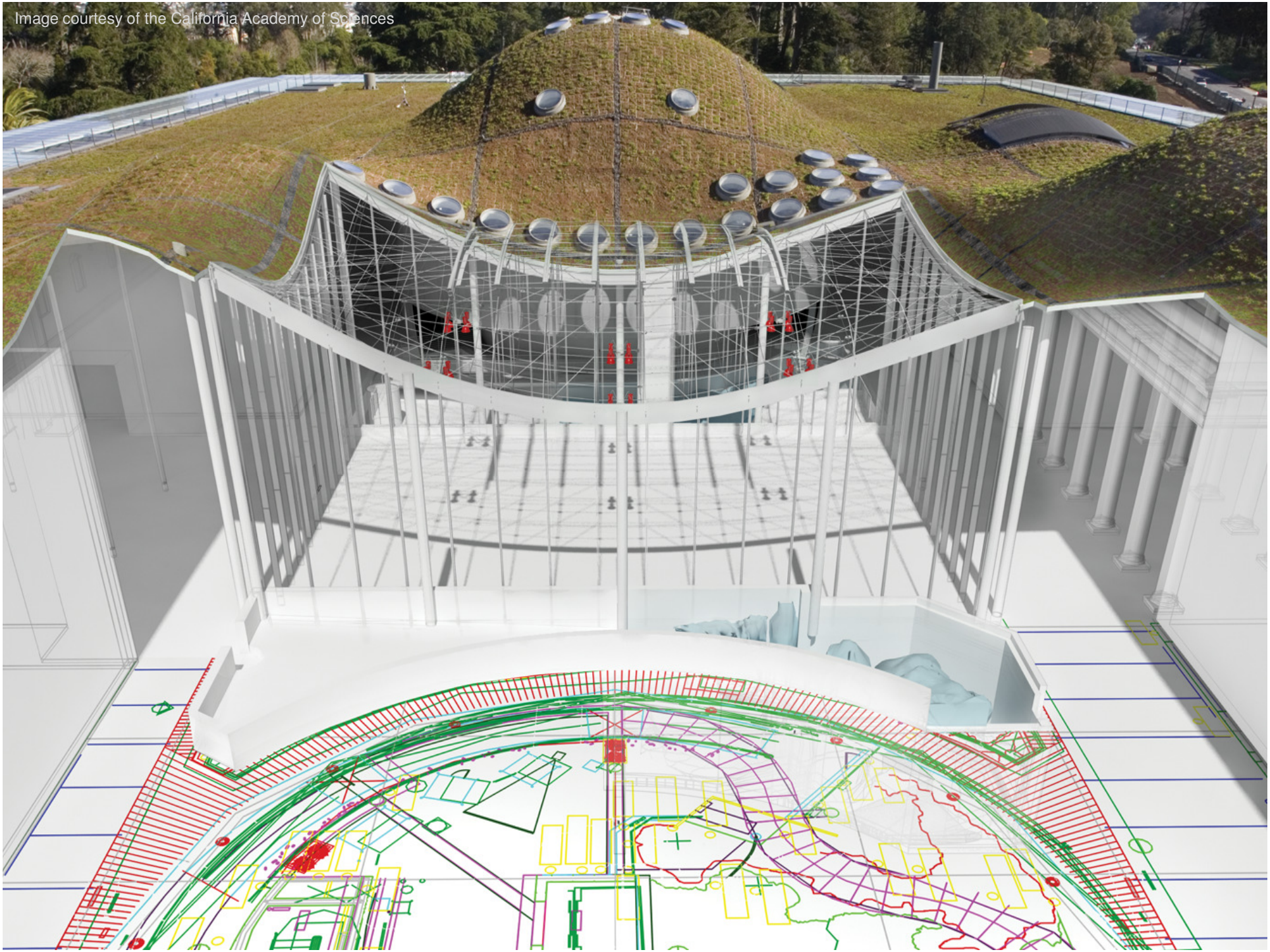
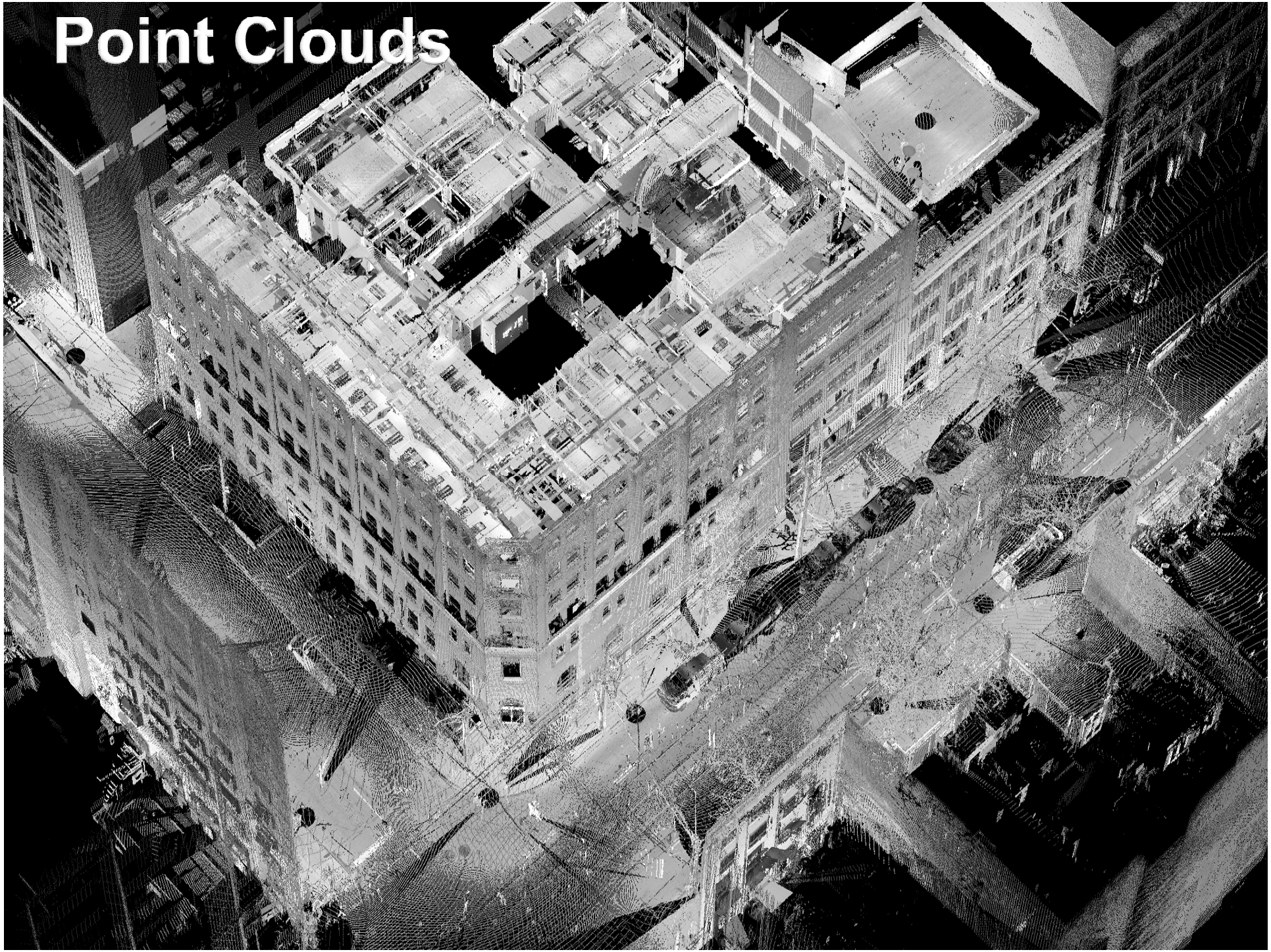


Image courtesy of the California Academy of Sciences

Point Clouds

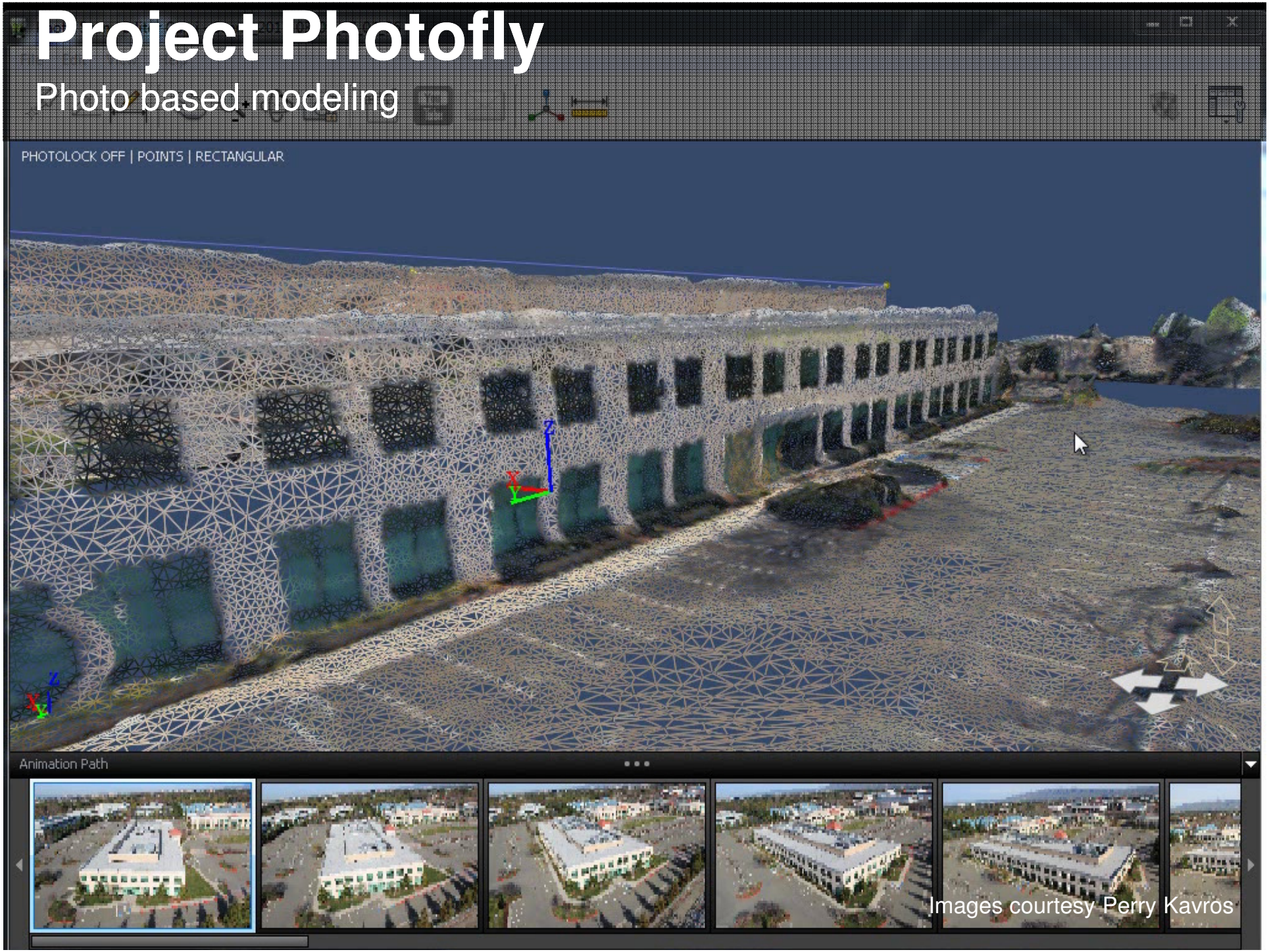


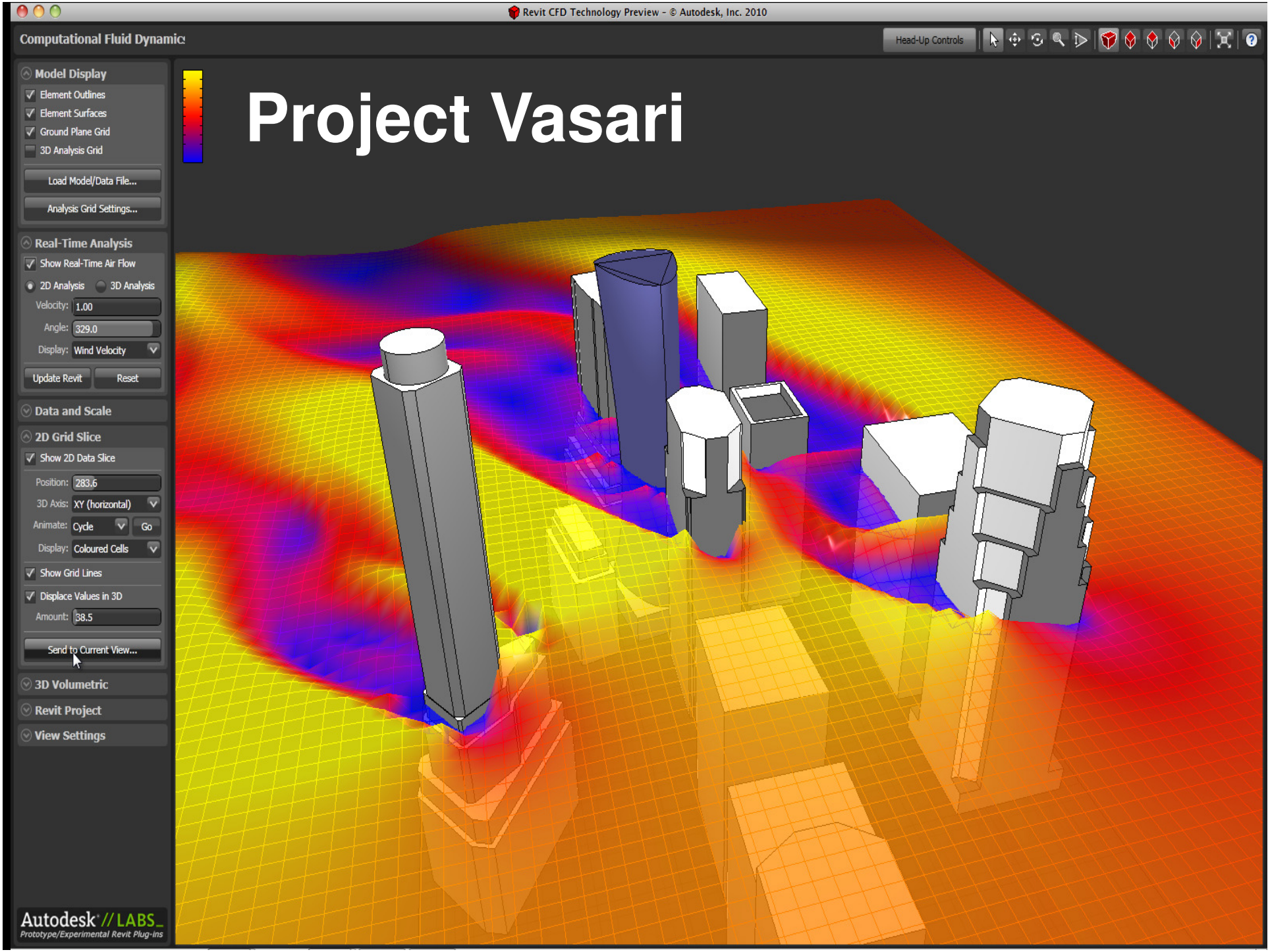
Revit Point Cloud Auto-Snap

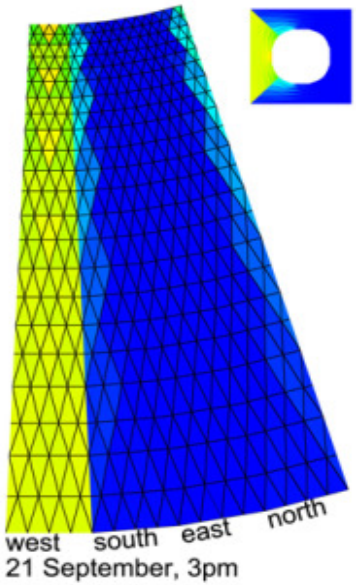
Intelligent feature recognition in Revit

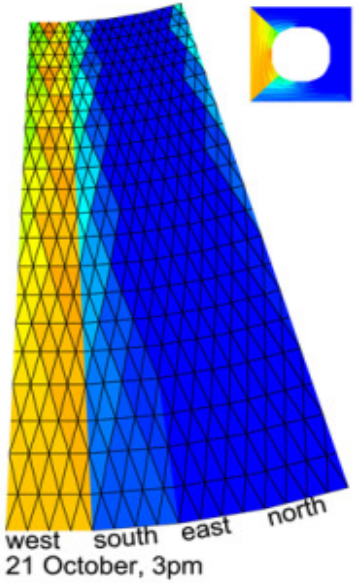
Project Photofly

Photo based modeling




Revit CFD Technology Preview - © Autodesk, Inc. 2010
Computational Fluid Dynamics
Head-Up Controls
Project Vasari
Model Display
Element Outlines
Element Surfaces
Ground Plane Grid
3D Analysis Grid
Load Model/Data File...
Analysis Grid Settings...
Real-Time Analysis
Show Real-Time Air Flow
2D Analysis
3D Analysis
Velocity: 1.00
Angle: 329.0
Display: Wind Velocity
Update Revit
Reset
Data and Scale
2D Grid Slice
Show 2D Data Slice
Position: 283.6
3D Axis: XY (horizontal)
Animate: Cycle
Go
Display: Coloured Cells
Show Grid Lines
Displace Values in 3D
Amount: 38.5
Send to Current View...
3D Volumetric
Revit Project
View Settings
Autodesk // LABS
Prototype/Experimental Revit Plug-ins


west
south
east
north
21 September, 3pm


west
south
east
north
21 October, 3pm