



# Architectural Packs

With IES' architectural tools, architects can study the energy consumption of their building at the design stage, improve its performance through design and generate quick and visual feedback that can be shared with clients or use for design competitions.

The IES Architectural Package helps Architects and Designers answer these questions, plus many more:

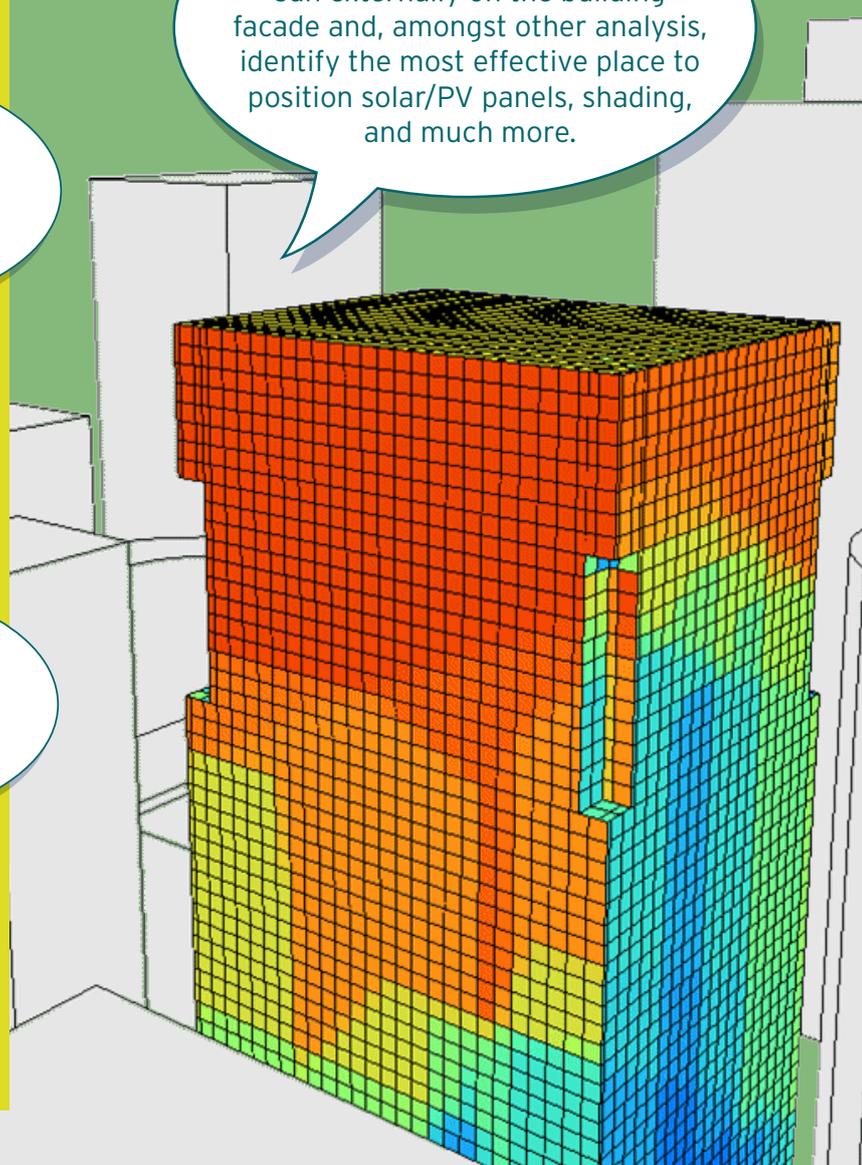
What is the climate on this site? How should this affect my choice of construction materials?

How does my building design and glass selection affect the daylighting in my spaces? Is it enough to prevent electrical lighting during daylight hours?

How should I orient my building on the side? (N/S or E/W) How would changing the orientation by 35 degrees affect the energy use?

If I collected rainwater on the roof, how much of the water use in the building could I potentially offset? What size storage tank would I need?

View solar energy to evaluate the intensity of the sun externally on the building facade and, amongst other analysis, identify the most effective place to position solar/PV panels, shading, and much more.



IES VIRTUAL ENVIRONMENT  
Architectural Packs

SECTOR  
SOFTWARE

DATE  
APRIL 2014

COUNTRY  
EUROPE

# What is included in the Architectural Package?

## 1. VE-Gaia

- > Use your 3D model to explore the climate of your building site.
- > Get Bio-Climatic recommendations about passive and active technologies, site layout, natural ventilation strategies and much more.
- > Explore Natural Resources and Water Efficiency and Collection strategies.
- > Understand building Metrics and Materials in detail, and learn how to make these more sustainable.
- > Explore features for Solar Shading, Daylighting studies, Energy/Carbon and Low Zero Carbon Technologies.
- > Assess Heating & Cooling loads and improve performance by design.
- > Share Graphic reports with clients, and integrate quick, iterative feedback into the design process.

## 2. FlucsDL

- > Allows architects to see the amount of daylight available; both on a workplane and on room surfaces.
- > Use output for reports or compliance with codes and regulations.
- > Point by point calculation method with many visual output options to share with clients or building officials.

## 3. Suncast

- > Take into account the sun's path and solar penetration to optimise your building position and orientation early on.
- > Understand the impact of the sun on a building and assess how to minimise or maximise the effect of solar gains.
- > Assess the shading / right to light impact of surrounding buildings and terrain.
- > Test internal and external solar shading devices from your 3D models.
- > Generate animated, visual, graphical and numerical output for colleagues, clients or planners.

## 4. ModelIT

- > Make quick adjustments to your shading, fix any importing issues, or quickly change your glazing percentages to test different options.
- > A fully capable 3D modelling program allows you to make changes without having to return to your 3D program

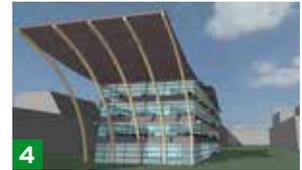
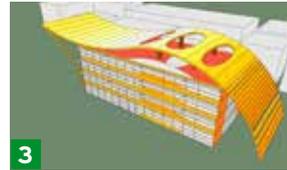
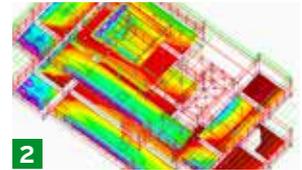
**First Year:** Pay for Annual (Rental) license type

**Second Year:** Transition to Rolling (Permanent) license type. Use your investment from Year 1 rental (€1500) and subtract it from the Rolling (Permanent) License price cost. You essentially get Year 1 for free!

**Third Year:** Pay the 15% maintenance fee on the list price of the software.

**Fourth Year:** (and every year thereafter): Pay the 15% maintenance fee on the list price of the software.

For a 10% fee, you purchase your software with quarterly payments.



## FREE PLUGINS



The following Virtual Environment modules and plugins are included in the offer:

Module	Standalone Annual License	Standalone Rolling License
SketchUp Plugin	Free	Free
Revit Plugin	Free	Free
IFC & gbXML import	Free	Free
VE-Gaia	€900	€2,160
ModelIT	€250	€600
FlucsDL	€125	€300
SunCast	€700	€1,700
<b>Listed Price</b>	<b>€1,975</b>	<b>€4,760</b>
<b>Discounted Offer</b>	<b>€1,500</b>	<b>€1,600</b>

Year 1 Rental = €1500

Year 2 Price = €1600

\*Special offer to rent before you buy!



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