

**FREE!**

< Virtual Environment >

# IES VE-WARE

## BUILDING ENERGY AND CARBON ASSESSMENT SOFTWARE!

- > Suitable for all building types across worldwide locations
- > Assesses performance against the Architecture 2030 Challenge
- > Easy to use - produce results at the touch of a few buttons

New and existing buildings can now have their energy and carbon emissions easily assessed for **FREE** with VE-Ware.

VE-Ware provides instant feedback on a buildings' energy consumption and carbon dioxide emissions based on real geometry, and using international data on climatic conditions and the typical characteristics of different buildings, room and system types. It is ideal for use at early stages as it facilitates iterative design, allowing the comparison of different design, layout and system options.

It will also assess how the building is performing against the Architecture 2030 Challenge benchmark. For example, does it meet the current 50% energy reduction standard?

The data entry and outputs are managed for the user meaning that anyone can use VE-Ware to help reduce the energy consumption and carbon emissions of a building.

Models exported directly from Google SketchUp™ and Autodesk's Revit platform can be accepted by VE-Ware.



### IT'S THIS EASY TO USE VE-WARE...

- 1 Insert geometry data
- 2 Tell it where your building is in the world
- 3 Define your:
  - building type
  - construction materials
  - heating and cooling system types
  - room types
- 4 Press a button: automatic detailed thermal simulation is performed for you
- 5 Get output on:
  - energy consumption
  - CO<sub>2</sub> emissions
  - US benchmark against the 2030 Challenge
- 6 You can then easily modify your building and assess different options

VE-Ware typical output

**Download VE-Ware at [www.iesve.com/ve-ware](http://www.iesve.com/ve-ware) TODAY!**

**UK**  
**IES Headquarters, Helix Building,**  
 West of Scotland Science Park  
 Glasgow, G20 OSP, UK  
 T: +44 (0)141 945 8500

**BOSTON**  
 43 Kingston Street,  
 Fifth Floor,  
 Boston,  
 MA 02111-2241,  
 USA  
 T +1 617 426 1890

**SAN FRANCISCO**  
 100 Bush Street,  
 Suite 1500,  
 San Francisco,  
 California, CA 94014  
 USA  
 T +1 415 983 0603

**IRELAND**  
 Fifth Floor,  
 Castleforbes House,  
 Castleforbes Road,  
 Dublin 1,  
 Ireland  
 T +353 (1) 875 0104

**AUSTRALIA**  
 Level 8,  
 350 Collins St,  
 Melbourne,  
 Vic 3000,  
 Australia  
 T +61 (0)3 9808 8431