



IES

Leading Global Innovator of Sustainable Analysis Technology

*Low-carbon, resource-efficient
and healthy built environments*

Tackling the Climate Crisis

The built environment accounts for 40% of the world's energy use. With the integration of new low carbon technologies, buildings and cities have the potential to make the biggest impact in reducing carbon emissions globally.

Recent climate reports have made clear that time isn't on our side. Climate change is not something that will happen far into the future – it is happening now. Research shows that warming the planet more than 1.5°C is a real threat to its liveability, and the way things are going this 1.5°C temperature safety guard could be exceeded as soon as 2030.

We have a small window to make a difference, but the question many are struggling with is 'how?'

This is why IES exists. To develop technology that can significantly reduce the impact that buildings and cities have on the environment by minimising energy use and making zero carbon targets achievable.

By looking at buildings and cities as the integrated environments they are, we want to ensure everyone involved in the conception, design or management of a building can work together to leave our world in a much better state than we inherited it.

World Leading Expertise Global Presence

IES is home to the largest building analytics team in the world. Over the last 25+ years we have built a solid reputation as the leading innovator in performance analysis for the built environment.

We are at the cutting edge of research for sustainability in the built environment and our expert consulting team is always at hand to help guide implementation, train and undertake advanced analysis.

Operating in more than 13 countries around the world, across Europe, North America, Asia, Middle East, and Australia, our specialists work with a growing network of partners and associates to deliver truly valuable expertise in building analytics.



Solutions for Every Built Environment

Our technology is suitable for anyone interested in energy efficiency and sustainability. Whether that be Architects, Engineers or Developers, City Planners and ESCOs, or Sustainability, Energy and Facilities Managers. We help them see the true sustainability potential of their projects.



We specialise in powerful solutions which revolutionise the way we plan and design communities and use energy. Facilitating lasting change across the entire lifecycle of the built environment – from citizen level up to companies, campuses, communities, cities and even whole countries.



We have the tools to make it possible

- A new energy efficient building design or retrofit
- A sustainable masterplan for a city, community or campus
- Optimising building performance (at an individual level or across a portfolio)
- Analysing your energy networks to optimise their design and the management of resources
- Creating a platform to visualise data, communicate and engage with citizens, colleagues and other stakeholders, and more



The Journey So Far...

Founded in 1994, IES's analytical tools and industry knowledge are pioneering. The company developed its best-in-class software, the Virtual Environment (VE) over 20 years ago.

The VE was and continues to be pioneering in the way it translates complex building physics principles and detailed dynamic thermal calculations into actionable insights.

All of the company's new ICL tools utilise this proven simulation engine.

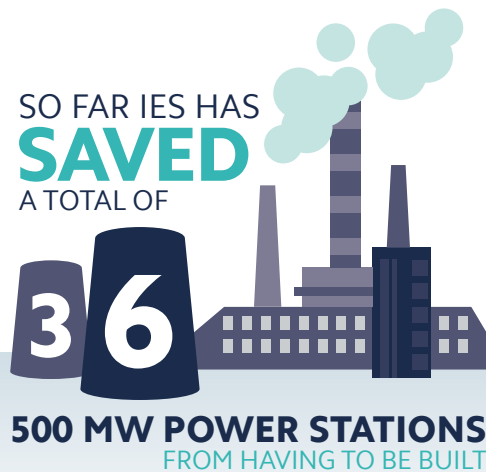
Today this innovative software is an in-depth suite of integrated analysis tools for the design and retrofit of buildings.

- Used by top firms across the World
- Essential digital construction tool
- For Architects, Engineers and Contractors

SO FAR IES HAS
SAVED
A TOTAL OF

36

500 MW POWER STATIONS
FROM HAVING TO BE BUILT



OUR CUSTOMERS AVERAGE OVER
75,000
VE PROJECTS PER YEAR

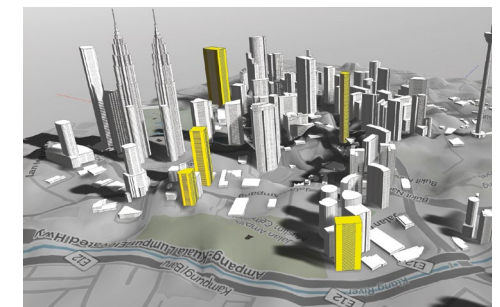
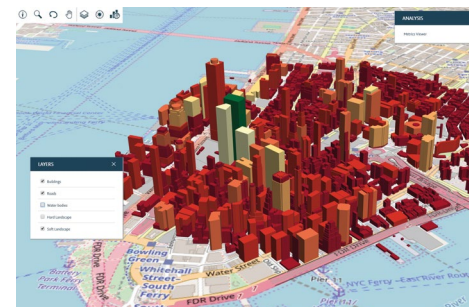
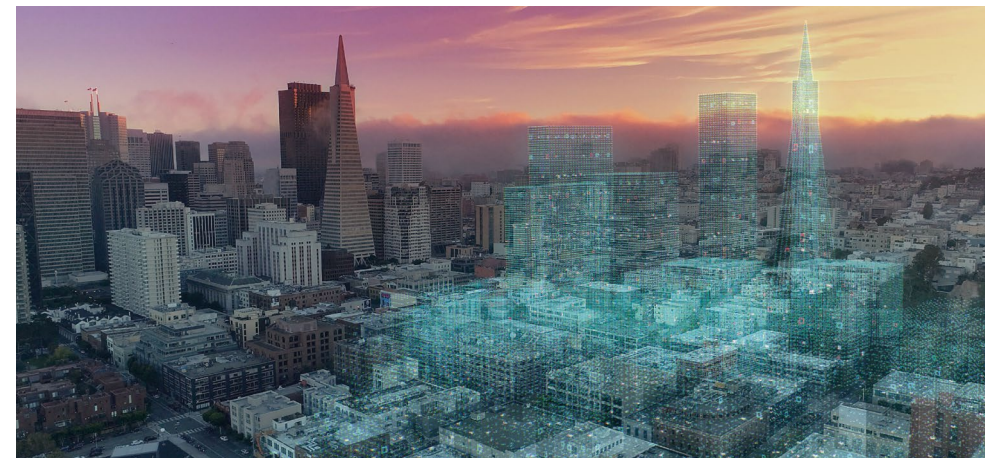


Innovators of the first Environmental Digital Twin

In 2019 IES launched its cutting-edge Intelligent Communities Lifecycle (ICL) platform.

Aimed at revolutionising smart city development through the incorporation of sustainable analysis it allows the performance of any built environment to be investigated.

Building on the company's strong analytical past, it incorporates the latest digital technology to link physics based simulations, Internet of Things (IoT) data, sensor readings, machine learning and AI into one interconnected platform.





Our Mission

Better Buildings: Smarter Cities

We believe that every building of every city in the world can be decarbonised. Our purpose is developing the technology to make that happen. Our ultimate aim is to create a built environment that is resource and energy efficient. Eliminating global reliance on fossil fuels and promoting comfort, health and wellbeing, and fairer access to energy for every citizen in the world.

www.iesve.com

EUROPE | NORTH AMERICA
ASIA | AUSTRALIA