SCOTTISH ENVIRONMENT BUSINESS AWARDS VIBES 2019

Case Study -
Product Scotland

IES
Product Scotland

Headquartered in Glasgow, IES (Integrated Environmental Solutions) is a leading innovator in sustainable analytics for the built environment. Having built a solid reputation over the past 25 years, IES recently launched their Intelligent Communities Lifecycle (ICL) technology. This integrated suite of tools creates a digital twin of any community or group of buildings to simulate environmental performance over their lifecycle and plan solutions.

The technology, which draws on a unique combination of AI, machine learning and physics based simulation, can gather and learn from real data to help decision makers make informed choices on the most effective and efficient ways to reduce the use of energy and fossil fuels within their community.

Highlights

IES recently launched their Intelligent Communities Lifecycle (ICL) technology which:

Creates a digital twin of any community or group of buildings to simulate environmental performance

Draws on a combination of AI, machine learning and simulation which leverages real data

Helps decision makers reduce the use of energy and fossil fuels within their community.

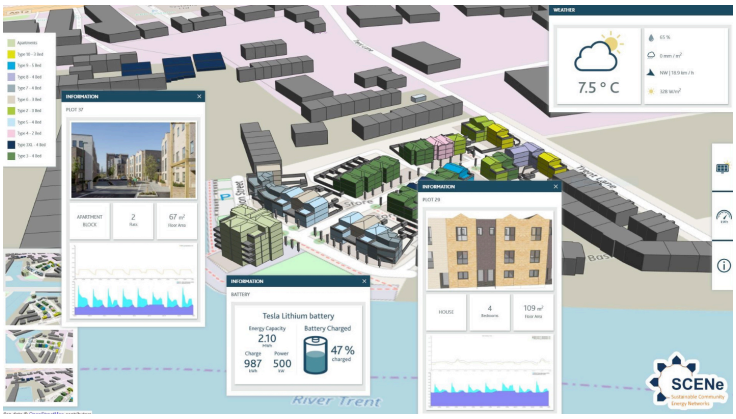
Winner of the Product Scotland Award 2019

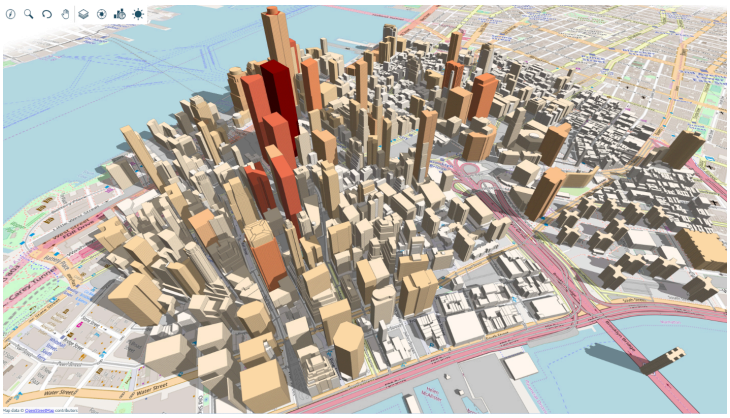
Sponsored by Devro Scotland

IES has had a singular purpose: to be at the forefront of developing technology to reduce energy use and carbon emissions within the built environment to secure a more healthy, sustainable and resource-efficient future. The business invests a very high proportion of its turnover in research and development. As well as helping building users, communities and cities save money by managing energy more wisely, the development of the Intelligent Communities Lifecycle (ICL) is helping to support jobs within IES.

The Product Scotland Award recognises businesses that have developed, or are developing, a product that brings environmental and business benefits. The judges felt this product was a worthy winner of the Product Scotland Award.

The judges were particularly impressed by the overall potential of this product given its widespread applications in the built environment. The company estimates that the use of their software in projects around the world has generated savings equivalent to avoiding building around 33 500MW power stations to date and looking forward aims to increase this to 100 power stations.





Don McLean, Founder & CEO at IES, said: *"The IES team have been working extremely hard over the past few years to develop this sophisticated suite of tools that will revolutionise the way we plan and design communities and use energy, whether that be a university campus, city or entire continent.*

"Climate Change is a very real threat, and much more imminent than most people realise. Over the last 25 years we've built a solid reputation as a leading innovator in sustainable analytics for individual buildings and we've made a huge impact, eliminating the need for around 33 power stations to be built.

"With the ICL we can now apply sustainable analysis to communities of any size or purpose, enabling people to look at energy use holistically at a much larger scale. We are delighted to see our efforts recognised by the VIBES Awards and we hope it will inspire other companies to play their part."