

Arup

ARUP

INTRODUCTION OF ORGANISATION

Arup is an independent firm of designers, planners, engineers, architects, consultants and technical specialists, working across every aspect of today’s built environment.

We’re committed to be the digital leader in the built environment. Digital runs through everything we do, whether we’re regenerating neighbourhoods, redesigning transport infrastructure or discovering new ways to reduce energy consumption. Our work combines analytical innovation, digital creativity, emerging technology, with the multidisciplinary breadth of Arup.

Together we help our clients solve their most complex challenges – turning exciting ideas into tangible reality as we strive to and a better way and shape a better world.



Arup invented the Neuron smart building platform by integrating ‘BIM + IoT + Analytics’ to provide insights to enhance building energy efficiency.

THREE WINNING FACTS

Transforming our business from a conventional engineering consultant to a data-driven advisory leader.

With Arup’s extensive experience from implementing AI projects to creating new AI services, we share our digital knowledge across the firm and beyond, and raise the digital awareness of our clients. Our role and importance of providing data-driven advisory services enables us to deliver future-proof outcomes for our clients, helps them prepare for the future of AI and contributes to sustainable development.

Powering our human capital by upskilling all our engineers with digital capabilities.

To many in the AEC industry, digitalisation means using BIM or recruiting a team of programmers to apply digital tools at work. At Arup, we’re keen to engage everyone in digitalisation. We have launched various training programmes – workshops, forums, sharing session and online training resources to empower all engineers with digital awareness and essential skills, so that they can actively adopt digital tools to solve engineering problems. For examples, we have more than 200 engineers applying advanced Python and data modelling in their daily jobs.

Delivering social values and sustainable solutions.

Arup developed various digital tools and techniques to solve social problems and achieved a step change in different aspects including transport, cities, infrastructure, energy, sustainable development and ESG. Our in-house developed tool – Neuron – has won several green- and wellbeing-related awards such as Hong Kong ICT Awards, Green Building Award, Hong Kong Green Innovations Awards and CIBSE Building Performance Awards – showcasing our achievement in energy saving and building performance improvement.



Arup combines its domain expertise with analytical innovation, digital creativity and emerging technology to contribute to sustainable development.



Empower engineers with digital skills to solve engineering problems