

Arup Associates



Photo: Arup and Associates

Architectural Partners with Arup and Partners

History

Arup Associates originally developed as a partnership between engineer Ove Arup and architect Philip Dowson. It existed as a multi-disciplinary office that provided architectural, surveying, and engineering services. The firm's overall success was mainly due to Ove Arup, who believed in practical architecture, in which design fulfills social and public needs. The creation of Arup Associates in 1963 was based on the complex design issues that Arup and Partners encountered.



Photo: www.archiweb.cz



Photo: Anne-Katrin Purkiss

Faces

Ove Arup

Sir Ove Arup was born in Newcastle upon Tyne in 1895. Generally considered the foremost engineer of his era, he created the firm Arup and Partners in 1946 as a team of structural consultants. The complex level of design considerations that the partnership encountered led to the creation of Arup Associates in 1963. Arup died in London in 1988. He took his first degree in philosophy and mathematics at the University of Copenhagen. He then considered studying architecture but was unsure of his artistic talents. He moved to the Royal Technical College in Copenhagen to study engineering, deciding he would rather be a good engineer than a second rate architect.

Philip Dowson

Sir Philip Downson was born in Johannesburg, Africa in 1924. In 1942 he attended University college, Oxford for mathematics. In 1947 he attended Clare college in Cambridge to study screen end art. In 1950 he attended Architectural Association School in London. After schooling he went to work for Ove Arup and Partners in 1953. In 1963 he became partners with Ove Arup to form Arup Associates. During the years of 1969-90 senior partners of the Ove Arup Partnership. He has been the president of the Royal Academy of Art in England.

Philosophies

From Arup and Associates:

“Our aim is technologically advanced design that is appropriate, economic, and sensitive to environmental and human needs. We create buildings and places that benefit those who use them, and that demonstrate responsibility to others who are affected by their presence.”

“Our purpose is to improve the human condition and give value to those who commission us. Our method is the discovery of new techniques and the exploration of alternative approaches. Challenges normally related to one discipline have often been met by innovative approaches in others.

“Quality, efficiency and economy are constant goals, but individual projects bring particular priorities. Our aim is to develop an understanding and appreciation of the issues that create value for our clients. We actively challenge the boundaries of the possible, using our skills, ideas and experience to generate solutions that will maximise the value of our clients’ investment”

Design Focus

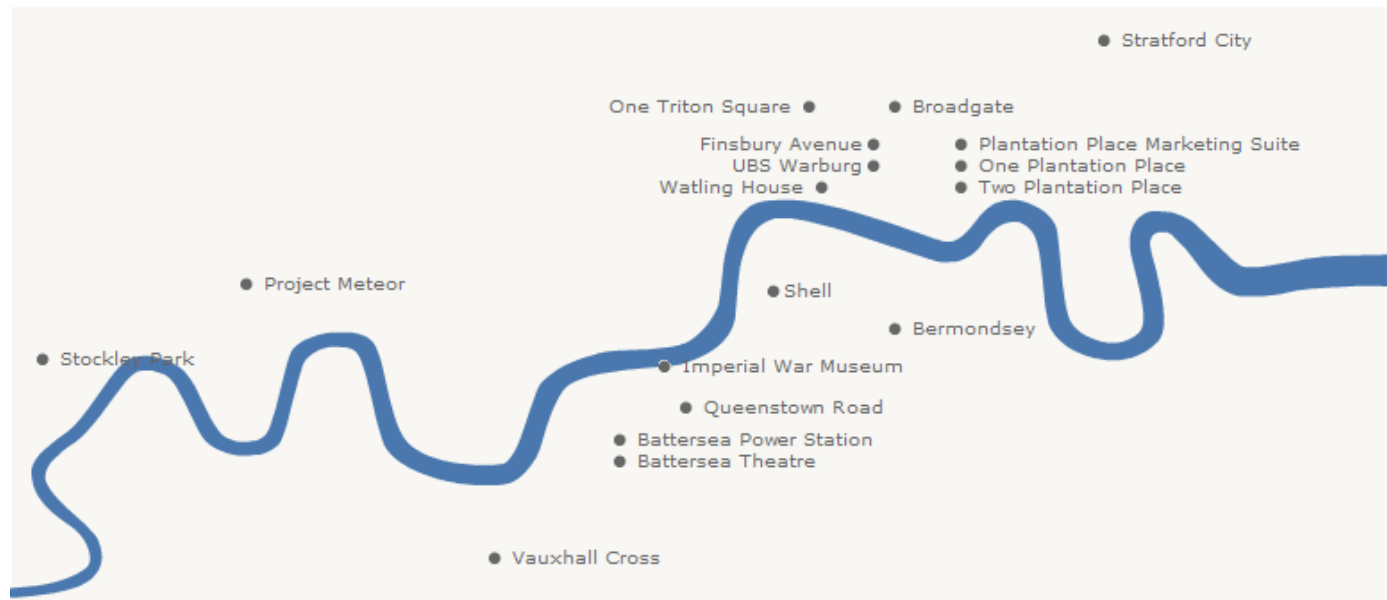
In paraphrasing their design idea and philosophies, Arup and Associates focus on design and build solution based on a wide variety of multi-disciplinary approaches. Coupled with their close relationship to Arup and Partners, Arup and Associates both designs and engineers all elements of their buildings. From the smallest parts of a chair to the largest components of a complex, Arup Associates carefully attends to all details.



Photo: Arup and Associates

Work Examples - London

Arup Associates has completed projects all over the world. The projects listed below are considered key projects in the London area by Arup Associates.



Work Examples



Stockley Park - Reclaimed landfill for business park complex of over eighteen buildings. All the buildings can be fully air conditioned using an underfloor system. However, sash windows in the internal facade are combined with the permeable external facade to allow natural ventilation of the perimeter.

The Imperial War Museum - A former hospital building has been cleaned and restored. As well as spaces for large exhibits (including aircraft, rockets, submarines and artillery) there is a total of 1,500 square metres of fully serviced display space.



Work Examples



One Triton Square - Originally commissioned as a speculative office building, it was designed with a 2,600 m² column free financial trading area within the building's proposed atrium. To control sunlight, the original atrium roof design was changed from fully glazed to solid, with a central oculus and a perimeter clerestorey.

Vauxhall Cross - A key public transport interchange between rail, underground and bus services. Situated on the southern boundary of the Mayor of London's congestion charging zone, the significance of its location is expressed in the design of the bus station canopy



Work Examples



One Plantation Place - Plantation Place is in the heart of the City of London, and occupies almost a complete city block. Designed for the financial, insurance, and trading markets, it provides an efficient, adaptable and healthy workplace to meet the changing needs of business in the City.

Broadgate - A new financial centre located on a 3.5-hectare site, which was formerly a car park and railway station, close to the City. The project consists of offices, with shops and restaurants situated around newly created public squares.



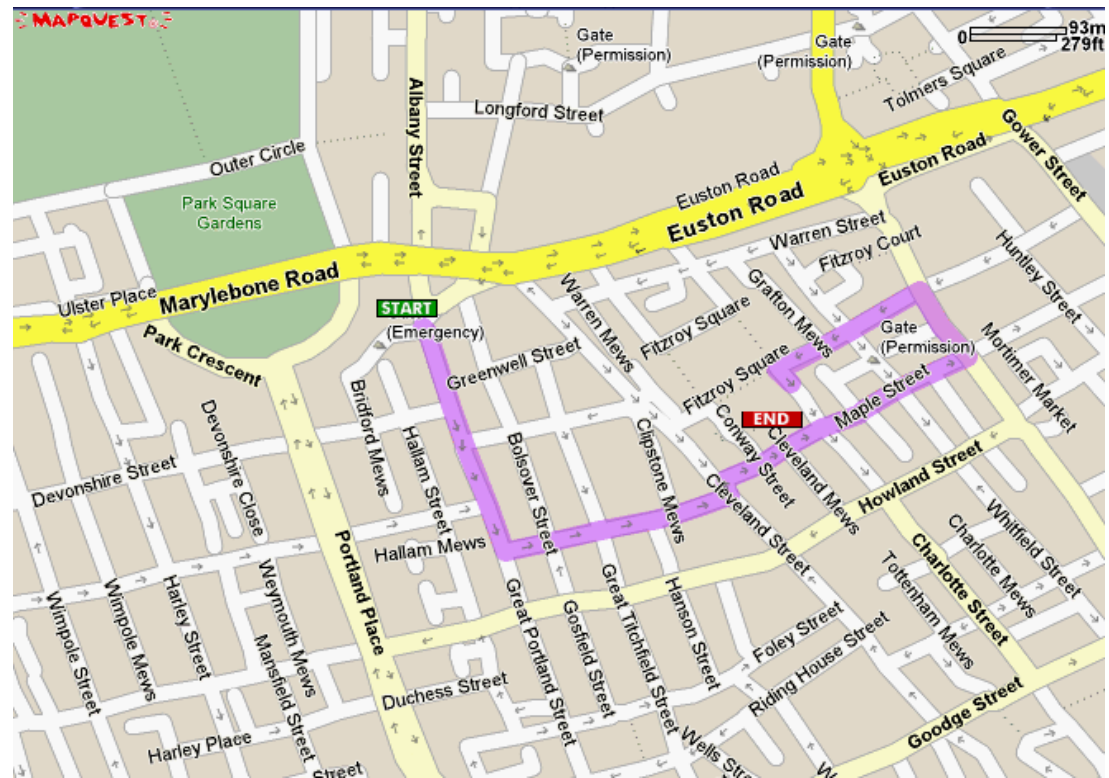
Getting There

Arup Associates
38 Fitzroy Square
Boston House
London
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voc +44 171 465 5555
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Driving Distance
.7mile

Great Porland to
Maple Street route



References

Arup and Associates - www.arupassociates.com

Ove Arup and Partners - www.arup.com

Great Buildings - www.greatbuildings.com

International Architecture Database - www.archinform.net