



## **Designing sustainable buildings**

**Sustainable development is already having a significant impact on the way that clients, designers, contractors and users design and operate buildings. At Arup, we have developed a sustainable design strategy to assist our clients, and those we work with, to navigate through this rapid period of change and deliver what is possible.**

**By providing a consistent approach to sustainable development we are able to show our clients the opportunities for more sustainable design on every project. The strategy is part of our overall corporate commitment to sustainability for our clients and our own business. The strategy raises discussion on sustainability to a strategic level, making it a real and positive step in the development process.**

**This is no easy task, and will undoubtedly lead to much debate within the industry. We recognise the need for care, persistence and the development of new skills in the future to realise our ambitious objectives. All our staff have access to new sustainability training, expert technical knowledge and project examples to implement this on every project.**

## Our design strategy and 6 objectives

Arup will provide creative and viable strategies that will enable our clients to imagine how it is possible to move towards fully sustainable buildings.

At the beginning of every project we will provide all of our clients with a strategy demonstrating how we might design within the natural capacity of the planet.

This strategy will help our clients understand how their buildings might be:



1. Carbon neutral



2. Self-sufficient by collecting and re-using water



3. Built using sustainable materials



4. Able to cope with future climate change



5. A positive contribution to the community and built environment



6. Sustainable in operation

The strategy then forms the basis of a workshop or discussion with our clients and project teams to agree project goals and develop a Sustainability Design Plan detailing the steps needed to achieve these goals.