

Job satisfaction

There are many reasons why becoming a building services engineer brings unrivalled **job satisfaction**.

No career in the world offers more **variety**. Sometimes you will be working to create a highly sensitive environment like a forensic laboratory or a concert hall. Another day you'll be designing services for a small nursery school or a vast hypermarket. Your next project could be in a 900-year-old listed building like the Tower of London, where you will need to install efficient but invisible services which leave ancient structures intact.

Building services engineers also work in domestic housing, taking account of psychological aspects to design user-friendly systems which are energy efficient and make people feel at ease.

The job can offer a unique combination of technical planning and design work together with hands-on installation and problem solving.



Save the planet

If you are concerned about **climate change**, building services engineering will give you the chance to implement environmentally friendly energy systems. Today, buildings account for nearly half of the total carbon released into the atmosphere from fossil fuels. As a building services engineer it will be up to you to use **renewable energy sources** and to specify the most **energy efficient solutions** to meet your clients' needs. And you'll guide building users to ensure that future savings continue to be made.

Designs for the carbon-neutral house already exist. But building services engineers need to put them into action. No other career gives you the chance to make such a big impact on saving our planet.



Make an impact

You will be involved at the cutting edge of **new technology** – one example is where the building intelligence functions are integrated on a common network to bring together the building systems controls with energy conservation, closed-circuit TV, security and alarms. The pace of change in most branches of building services engineering is very fast.

CIBSE Factsheet
Why choose a
career in Building
Services?

Reap the rewards

Pay and conditions in the construction engineering professions are better than almost every other employment area (source etb's Engineering UK 2005). Demand for building services engineers continues to outstrip supply. This means that once you are qualified, it should be easy to find a well paid job just about anywhere.

A shortage of competent and innovative building services engineers means that your knowledge and skills will be highly prized and you can expect **rapid promotion**, with continuing professional development.

Long-term economic forecasts predict a construction and engineering boom – especially with regeneration schemes and projects in preparation for the London 2012 Olympics.



Be your own boss

Do you want to set up your **own business**? In this job you really can be your own boss. Many building services engineers work for huge international companies. But lots work in small partnerships of two to a dozen practitioners, specialising in building services design, operation and maintenance installation or in one particular aspect like fire safety or building automation.

Your skills will be valued **worldwide**. As a CIBSE member you can build yourself a truly international career – our members work in all corners of the globe, including China, Saudi Arabia, the US, Australasia and throughout Europe.

Working with people

This is a key feature of this profession. Because building services need to be integrated into the overall design and functioning of a new or existing building, you will work with a wide range of other professionals – architects, surveyors, project managers, civil and structural engineers and IT experts – to create buildings that people will love to live and work in. And you'll need to be a talented team leader, inspiring others to do a great job, often to tight deadlines.



Making a difference

Building services engineers **make a difference**. The UK construction industry has an international reputation for world class design, inspirational architecture and the highest quality building. You'll be joining a team of professionals to create something lasting, helping to shape the environment for future generations.

