



LONDON

**THE CITY IS THE TYPICAL GREEN
CITY IN THE WORLD**

I visited Tower Bridge, an iconic London bridge built between 1886 and 1894. Its central section consists of two bascules that lift to allow ships to pass. Originally, it operated with a steam-powered hydraulic system, now replaced by a modern electric system. Tower Bridge is a masterpiece of Victorian engineering.



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To conclude, my trip to London was a very enriching experience. I discovered a city that is both modern and environmentally friendly. Green spaces like St James's Park show that nature is important in London, even in the city centre. At the same time, places like the Science Museum highlight the role of technology and innovation in building a more sustainable future.

London is also an iconic capital thanks to its famous monuments and modern buildings. Visiting central London and Wembley Stadium helped me understand how the city balances history, culture and progress. This trip allowed me to better understand how a large capital can be both innovative and sustainable, thanks to the construction of wind farms and the numerous parks in London.

**GREEN SPACES IN THE HEART OF
THE CITY**

I visited St James's Park, near Buckingham Palace. This park is a real green space in the middle of the city. People walk, relax and enjoy nature there. It shows how London protects green areas and offers calm places to residents and tourists.

Next, I visited Rampion Wind Farm, an offshore wind farm in the English Channel, located off the coast of Sussex, England. This site was commissioned in April 2018. It lies offshore, between 13 and 20 km from the towns of Worthing, Shoreham-by-Sea, and Brighton & Hove, and covers an area of approximately 72 km².

Rampion Wind Farm is one of the UK's leading offshore wind farms, operational since 2018. It produces significant clean energy, reduces carbon emissions, and supports the local economy.

SCIENCE AND SUSTAINABILITY

The Science Museum was one of the most interesting places I visited. It explains how science and technology can help create a better and more sustainable future, especially in energy and transport.

I also visited the London Eye, an iconic observation wheel in London, located on the south bank of the Thames. It opened in March 2000 and is approximately 135 meters tall, making it one of the most visited attractions in the UK. This structure is a marvel of modern engineering, illustrating concrete physical principles (controlled movement, cantilevered structure, safety) while incorporating measures to reduce its environmental impact through more sustainable technologies and practices such as LED lighting, energy optimization, low-carbon electricity, and sustainable means of transport.

All the infrastructure presented shows us how sustainable London is, despite constantly pushing the boundaries of science to offer the best possible experience for its residents and tourists.

I also visited Wembley Stadium, a modern and impressive venue that utilizes cutting-edge technology and symbolizes innovation and progress in London. This stadium truly represents the contemporary side of the city.

In central London, I also admired famous landmarks such as Big Ben, the Houses of Parliament, and Buckingham Palace. These iconic sites prove that London has a rich history.

They emphasize the cultural and historical importance of the British capital.