

Country: United Kingdom
Topic: Building sustainable and resilient infrastructure

Overview
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Sustainable infrastructure is a goal of economic and social development, as well as environmental sustainability. Quality infrastructure enhances productivity and competitiveness, contributing to economic growth and employment as well as facilitating international trade.

The UK Sustainable Infrastructure Program (UK SIP) mobilizes strategic private sector investments in sustainable low carbon infrastructure, supporting countries in LAC to deliver their Nationally Determined Contributions (NDCs) to the Paris Agreement.

Some of the goals the government of UK are focusing on are:

- reducing the global impact on the environment
- bringing greenhouse gas emissions to net zero by 2050
- helping to mitigate the impacts of climate change

According to the government of the United Kingdom, there are over 70 airports, and excellent rail links and toll-free motorways available. Although, there are other cities in the country with deprived neighborhoods, lack of funding, roads and railways, where actions need to be taken for the improvement of the industries and infrastructure.

IN 2019, the UK was ranked 11th out of the 141 countries in terms of its infrastructure. The Organization for Economic Cooperation and Development's 2015 survey of UK's economic growth, shows that the country has suffered from under-investment compared to other countries for more than 30 years. The city of London is shown to have spent over 600 pounds used for railway tracks. In 2019, Conservative Manifesto pledged to level up economic growth and prosperity across the country.

One of the government's strategies is - Water Innovation 2050, and its purpose is to change the water sector in the UK. The regulator of the water sector of England and Wales has accepted a total of 200 million pounds to increase the water sector's capacity. The government also set up an infrastructure bank to gather money and invest it for improving the infrastructure. Its mission is to get zero carbon emissions by 2050.

In the year 2020, the government published a book called "National Infrastructure Strategy", which shares how the government and the citizens of the country can improve infrastructure and climate change. There are long term goals suggested with the short term goals, which the government and the citizens can focus on.

Some of the solutions for UK to start having a sustainable infrastructure are:

- Improve healthcare facilities by providing more hospitals
- provide healthcare supplies in schools
- Encourages other countries to donate money and supplies for sustainable infrastructure
- Request citizens to donate money to the country
- Ask writers to promote and spread awareness about better infrastructure
- The UK infrastructure bank money can be used to make better and sustainable buildings and industries