



## SDG 9

# Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

### Targets

9.1 Develop quality, reliable, sustainable, and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being.

9.2 Promote inclusive and sustainable industrialization, and significantly increase the industry's share of employment and gross domestic product (GDP), particularly in developing countries.

9.3 Increase access to financial services, including affordable credit, and enhance the ability of small-scale industries to access credit and financial services.

9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities.

9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending.

9.a Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States.

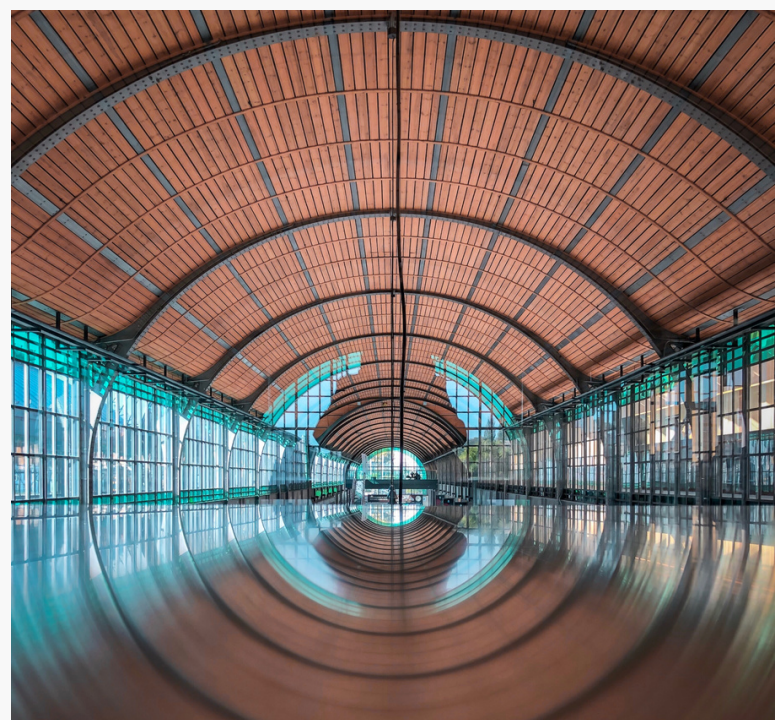
9.b Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities.

9.c Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020

### Opportunities for business transformation with SDG 9

Each and every SDG provides business opportunities. Businesses have a chance to contribute to society and their own bottom line by pursuing the SDGs. The following are the strategies businesses can use to play their role for SDG 9:

- **Invest in Research & Development (R&D)** to promote innovation and collaborate with academic institutions and research facilities can increase the effect of R&D initiatives.
- **Adopt a circular economy strategy** which involves minimising environmental impact while fostering sustainable production and consumption patterns.
- **Embrace digital transformation** to improve industrial processes, maximise resource utilisation, and promote innovation through IoT, AI, and data analytics.
- **Collaborate with stakeholders** to advance collective action towards sustainable development through knowledge sharing, capacity building, technology transfer, and joint investments in infrastructure projects.
- **Transform with clean technologies and renewable energy sources** to reduce their dependence on fossil fuels and greenhouse gas emissions.





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### Case Study



Southampton, UK



Bernard Business Consulting (BBC)

### Background



Southampton, has been facing housing issues due to rising real estate costs, a lack of options for inexpensive housing, and growing demand for social housing. BBC and Company H realised the need for a cutting-edge strategy to offer cost-effective, long-lasting, and environmentally responsible housing choices to address this urgent challenge.

### Challenges



BBC and Company H sought to develop affordable and sustainable housing options for Southampton's disadvantaged population. Traditional building techniques were expensive, time-consuming, and had a negative environmental impact. To address the immediate housing needs, they aimed to improve the environment and long-term wellbeing of the local populace.

### Solutions



The companies used recycling shipping containers as an alternative housing solution to address the housing crisis. The containers were retrofitted to create functional dwellings that met the community's needs. The modern and practical interiors ensured a cosy living environment and were also made to be moveable to meet the changing demands of the vulnerable population.

### Impact



The companies promoted sustainable development through innovative solutions such as repurposing shipping containers and using sustainable materials and energy-efficient design principles. The success of this initiative serves as an inspiration for future sustainable housing initiatives, not only in Southampton but also in other communities facing similar challenges worldwide.

