Greener industry
Green construction stats and facts

Global construction industry greenhouse gas emissions

- 39% Operational carbon emissions (from heating, cooling and lighting)
- 11% Embodied carbon emissions associated with materials and construction processes throughout the whole building lifecycle
- 61% Other greenhouse gases

34% reduction in property sector carbon emissions from energy efficient measures by 2030, as part of a balanced net zero pathway for buildings (The UK Climate Change Committee)

80% of UK homes will still exist in 2050, so retrofitting to improve energy efficiency is vital

How to make buildings greener

- Upgrade energy and water systems to reduce consumption
- Optimise recycling of demolition debris and construction waste
- Energy efficient lighting (daylight and light sensors)
- Natural ventilation to reduce heating/cooling loads
- Renewable energy sources
- Replace existing windows with high-performance windows
- Consider using a cool roof or green roof
- Use a rating system (e.g. LEED) to gauge the building’s performance
- Install meters for utilities to monitor real-time consumption

Global construction industry greenhouse gas emissions
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Green finance stats and facts

$1.2tn
total amount in global sustainable fund assets
(Morningstar Q3 2020)

$5.5tn
assets under management managed by members of The Net Zero Asset Owner Alliance who have pledged to transition their portfolios to net zero emission by 2050

$30tn
total assets under management by the global (re)insurance industry. This demonstrates the industry’s powerful role and responsibility in enabling green finance worldwide

Methods of green finance

Exclusions
Shifting investments away from carbon intensive sectors

ESG integration
Factoring ESG into investment decisions

Impact investments
Generating positive social and environmental impacts as well as financial returns

Find out more about the global insurance industry’s role in Greener Industry and Join the Reset at Lloyds.com/jointhereset