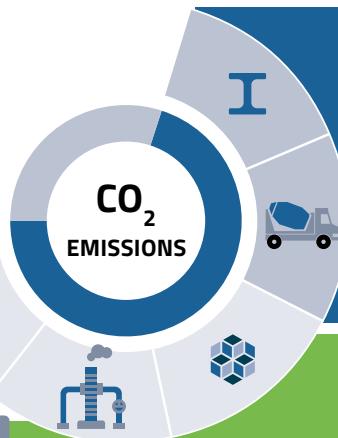
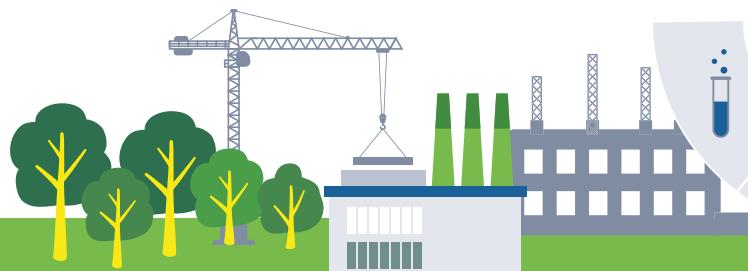


## En route to a green future with low-carbon steel, cement and concrete



The production of **steel**, **cement** and **concrete** is responsible for **14-16%** of global energy-related CO<sub>2</sub> emissions.

The Industrial Deep Decarbonisation Initiative (IDDI) aims to create a thriving market for near zero carbon industrial materials, starting with steel, cement and concrete.

### Three pathways to achieve results



#### KEY MILESTONES

- Consistent **standards** for low-carbon steel, cement and concrete
- A standard environmental **reporting mechanism** for the cement, concrete and steel industries
- An evaluation process and **digital tools** for project bids which incentivise and reward public contractors

- Globally recognised **target for the public procurement** of near zero carbon steel, cement and concrete and **guidelines** for governments to write policy and implement the targets
- Industrial decarbonisation **training and knowledge** for manufacturers/companies
- Free or low-cost **certification** service

- |   |
|---|
| <b>Ambition level 1<br/>DISCLOSE</b><br>By 2025, governments to begin to disclose embodied carbon emissions   |
| <b>Ambition level 2<br/>DISCLOSE + NET ZERO</b><br>By 2050, governments achieve net zero embodied carbon emissions in public construction                                       |
| <b>Ambition level 3<br/>DISCLOSE + NET ZERO + 2030 TARGET</b><br>By 2022, governments commit to work towards a bold pledge to reduce embodied carbon emissions as early as 2030 |

Government agencies are top buyers of steel, cement and concrete, which can account for



**40%** of cement and concrete and



**25%** of steel nationally

Coordinated by UNIDO, IDDI is co-led by the UK and India and current members include Canada, Germany and United Arab Emirates (UAE), with more countries joining the effort. IDDI also brings together a strong coalition of related initiatives and organizations including the Mission Possible Platform, Steel Zero Campaign, The Climate Group, the Leadership Group for the Industry Transition (LeadIT), the International Renewable Energy Agency (IRENA) and the World Bank.

