**Market Transformation Levers for a Net Zero Built Environment**

**The Challenge**

- 40% of Overall Carbon Emissions

- **2022**: 8 years

**Halve Emissions**

- 2030

**The Vision**

- **2050**: Net Zero

  - Net Zero Carbon in Operation
  - Embodied Carbon Emission

  - ALL NEW Buildings
    - 40% CO²
  - ALL Buildings
    - Net Zero

*Source: UNFCCC Global Climate Action - 2021 – Human Settlement Pathway*
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- **Net Zero**

2050

**Two Enablers**

- Drive Clarity, Common Vision & Urgency Across all Sectors

Government

Civil Society

Knowledge Development & Dissemination

Finance

Built Environment Value Chain

Natural Environment

- **Urgency**

- **Common Vision**

- **Clarity**

- **Business**

- **Finance**

- **Science & Data**

- **Community**

- **Government**
Market Transformation Levers for a Net Zero Built Environment

Two Enablers

- Drive Clarity, Common Vision & Urgency Across all Sectors
- Radical & Deep Collaboration between all Actors

Radical Collaboration

- Policy & Incentives
- Advocacy, Awareness & Labour
- Research, Innovation & Media
- Provision & Management of Capital
- Built Environment Actors & Roles
- Built Asset Life Cycle
- Natural Resources & Waste
- Advocacy, Awareness & Labour

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  - Drive Clarity, Common Vision & Urgency Across all Sectors
  - Urgency
- Common Vision

Three Levers

1. Align Behind Whole-Life Carbon
2. Integrate Carbon Cost & Price
3. Transform Supply & Demand Dynamics

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Interconnected Asks - What actors need to do to move these levers
Market Transformation Levers for a Net Zero Built Environment

**Two Enablers**

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**Three Levers**

1. **Align Behind Whole-Life Carbon**
   - Apply WLC targets & Indicators to Development of Policies & Regulations
   - Develop Consistent & Transparent Methodology & Framework to Measure & Report WLC
   - Set Minimum & Incremental WLC Targets for Financial Investments
   - Adopt Common Taxonomy & Metrics for Financial Decisions
   - Develop & Set Clear Performance-Based WLC Targets
   - Disclose WLC-related data Consistently & Transparently

2. **Integrate Carbon Cost & Price**
   - Set Clear Milestones & Act in line with Progressive WLC Indicators.
   - Increase availability and Open Access to LCA data
   - Internalise Carbon Price and risk in Investment Decisions
   - Integrate cost of carbon in design and in Bid Pricing
   - Mandate Carbon Reporting to be included on all Financial Assessments
   - Request Carbon Reporting for Suppliers Products & Services

3. **Transform Supply & Demand Dynamics**
   - Apply Measures to Incentivize the Demand for Low Carbon Solutions
   - Drive Development of Innovative Decarbonised Solutions
   - Value Carbon into Internal Risk Management Processes
   - Purchase products that meet the required carbon standard
   - Build up Local Supply Chains

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**The Interconnected Asks** - What actors need to do to move these levers

- Government
- Civil Society
- Knowledge Development & Dissemination
- Finance
- Built Environment
- Value Chain
- Natural Environment