# Low Carbon, High Performance

An industry roadmap to zero carbon buildings

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#### Achieving high energy performance is blocked by a set of persistent barriers

#### **Policy framework**

Are there supportive policy processes & governance arrangements in place? E.g:

- Targets
- Regular public reporting
- Co-ordination

Are there factors deterring the decision maker from pursuing the opportunity? E.g:

- Low energy priority
- Low awareness of non-energy benefits
- Split incentives

Capability **Project** Motivation attractiveness

Is the decision maker lacking access to the necessary information, skills and resources? E.g.

- Lack of capital
- Lack of data and adequate information
- Supply chain issues

Is the opportunity currently unprofitable or otherwise unattractive to the decision maker? E.g:

- Technology not commercial
- Project not sufficiently attractive
- Market distortions



Five key policy solutions have been identified as the 'building blocks' of an integrated policy suite

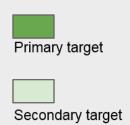
- National plan with strong governance to coordinate action
- Mandatory minimum standards with forward **2** trajectory to provide a regulatory signal
- **Targeted programs and incentives** (3) to stimulate the market
- **Energy market reform** to provide a level playing field
- Data, research, information, education and (5) training to enable effective action





## A suite of policies is required because barriers are multi-faceted and interrelated

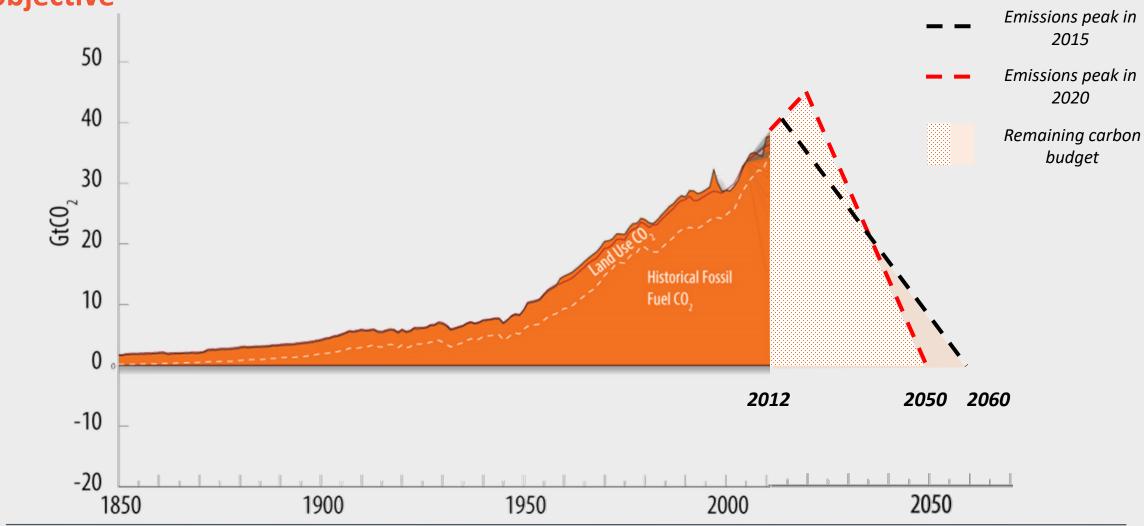
| BARRIERS             | POLICY TYPES  |  |  |  |  |
|----------------------|---|--|--|--|--|
|                      | National plan   | Minimum<br>standards   | Targeted incentives and programs   | Data, information, research, education   | Energy market reforms  |
| Policy<br>frameworks | Provide the<br>goal and the<br>'glue' to<br>coordinate<br>actions               |  |  |  |  |
| Motivation           | Send a strong<br>signal and<br>provide a<br>vehicle for<br>public<br>engagement | Ensure minimum<br>level of<br>performance for<br>least motivated                             | Provide incentives to<br>go beyond minimum<br>standards  | Provide better public information on the benefits  |  |
| Capability           | Provide a<br>vehicle for<br>industry<br>engagement                              | Build industry<br>capability through<br>accelerated<br>deployment                            | Build industry capability through improved performance  Provide dedicated support for least equipped | Provide the data,<br>information, training and<br>education required to<br>enable informed choice and<br>quality service provision |  |
| Attractiveness       | Provide a<br>vehicle for<br>coordination of<br>energy market<br>reforms         | Reduce cost of<br>new technologies<br>and approaches<br>through<br>accelerated<br>deployment | Reduce costs of new technologies and approaches through accelerated deployment                       | Support innovation & commercialisation of new technologies & business models   | Address barriers and market distortions affecting energy efficiency and distributed energy |





### The consumer perspective is critical, but let's not forget the urgent emissions

objective





## Contact us

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