

ECOFYS



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Financing of energy efficiency in buildings – current activities and opportunities

**Recommendations for the Global Alliance
for Buildings and Construction (GABC)**

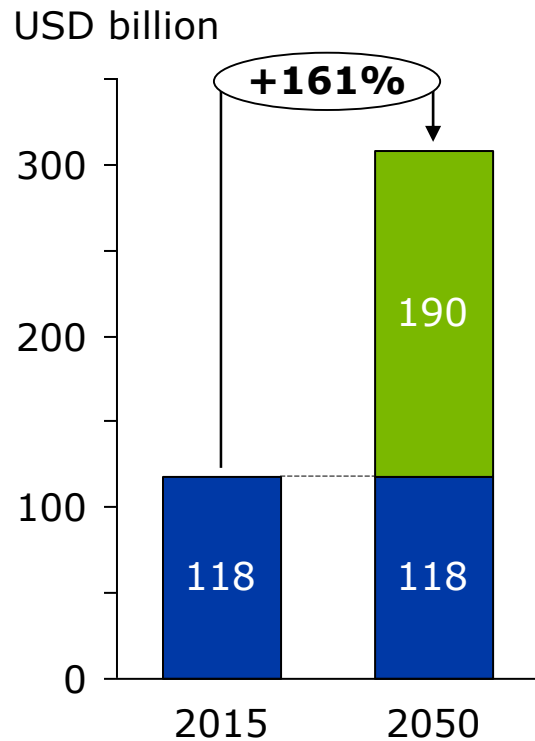
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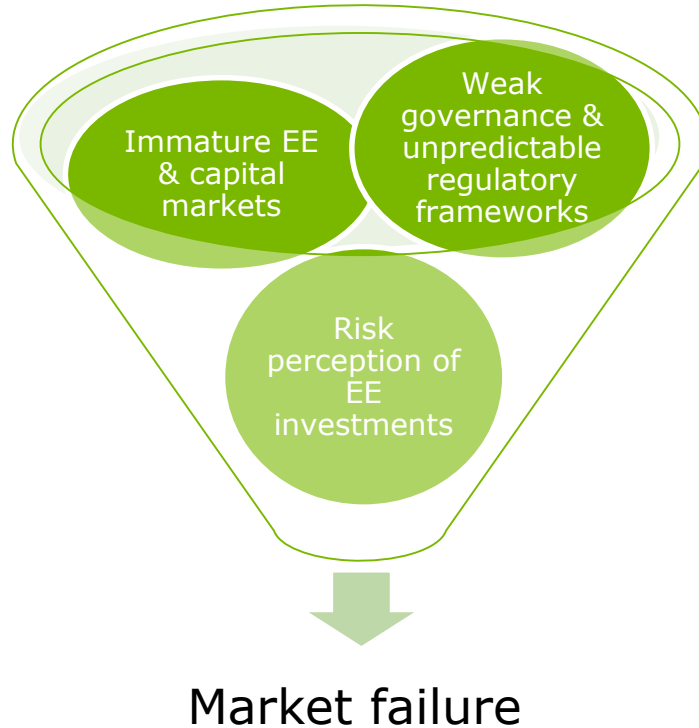
Project Tasks and results

- > Study for German Federal Ministry for Economic Affairs and Energy in collaboration with adelphi
- > Provide **overview** about activities of international/multilateral and national development banks in financing energy efficiency in buildings + 2 best practice examples (KfW India, WB CEETI - City Energy Efficiency Transformation Initiative)
- > Literature research and telephone interviews
- > **6 multilateral** development banks: World Bank, African Development Bank, Asian Development Bank, European Investment Bank, EBRD, Inter-American Development Bank
- > **4 national** development banks: KfW (Germany), Caisse des Dépôts et Consignations (CDC) (France), CDC Group plc (UK), Japan Bank for International Cooperation (JBIC)
- > => **recommendations for facilitating GABC activities: what works well? What needs to be addressed?**

The EE investment gap in the building sector is expanding with the growth of cities in emerging countries

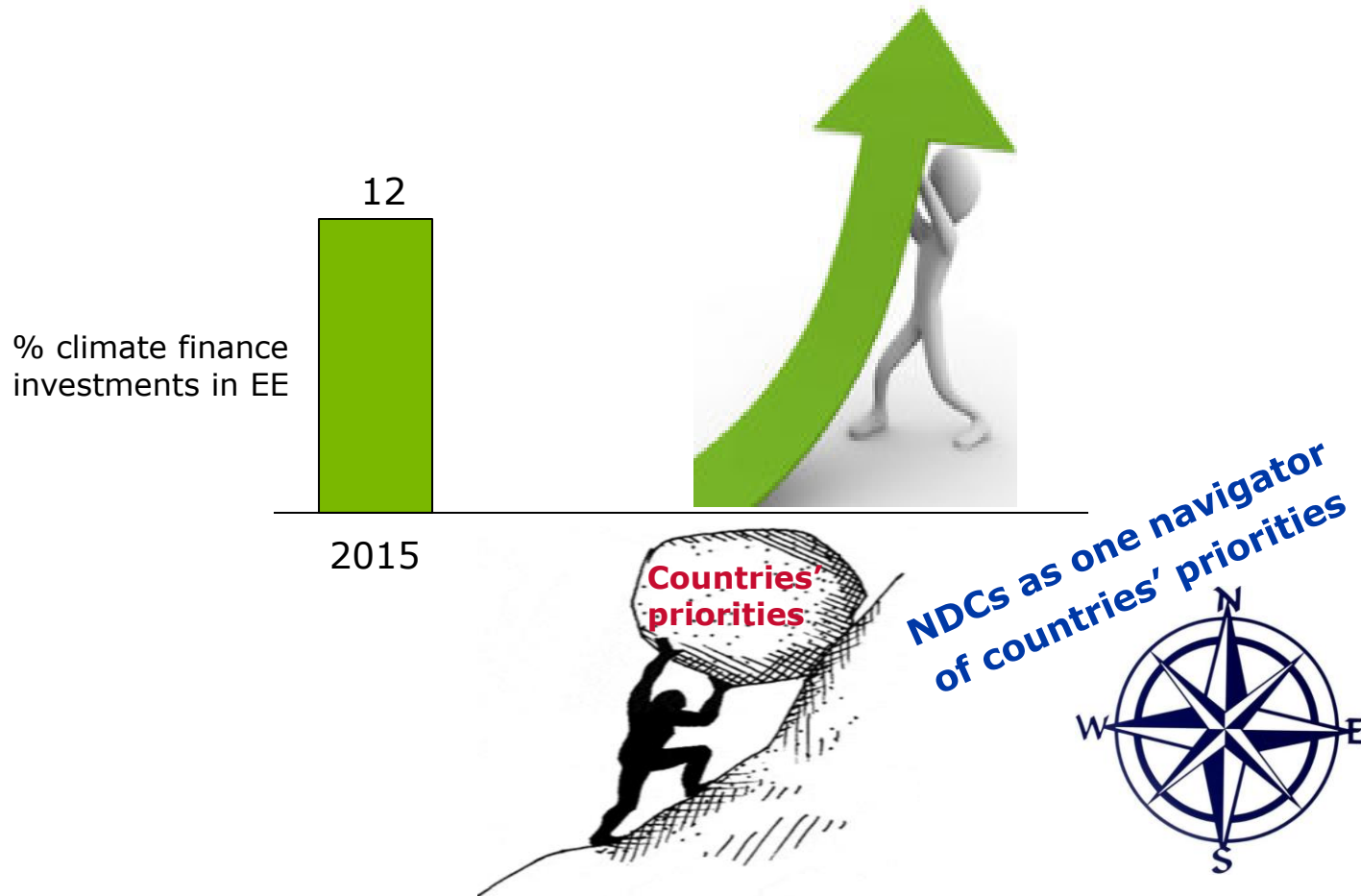


Source: IEA/OECD (2016, 2010)



Closing the gap will require fixing the market failures and a blend of public domestic finance, international public finance and private sector investments

Developing countries should leverage development banks' finance to increase EE investments in the building sector



Source: MDBs (2016) and Ecofys (2016, 2017)

GABC can help countries move EE investments in buildings to the priority list of national agendas

Articulate EE buildings in national energy strategies

- Flesh out NDC targets into concrete measures in the building sector
- Estimate the costs of implementation
- Elaborate implementation pathways of those measures

Capitalise on NDC platforms

- Ensure that the building sector receives dedicated support through NDC platforms
- Help adapt financing activities to local building codes
- Banks and countries establish finance plans based on NDCs

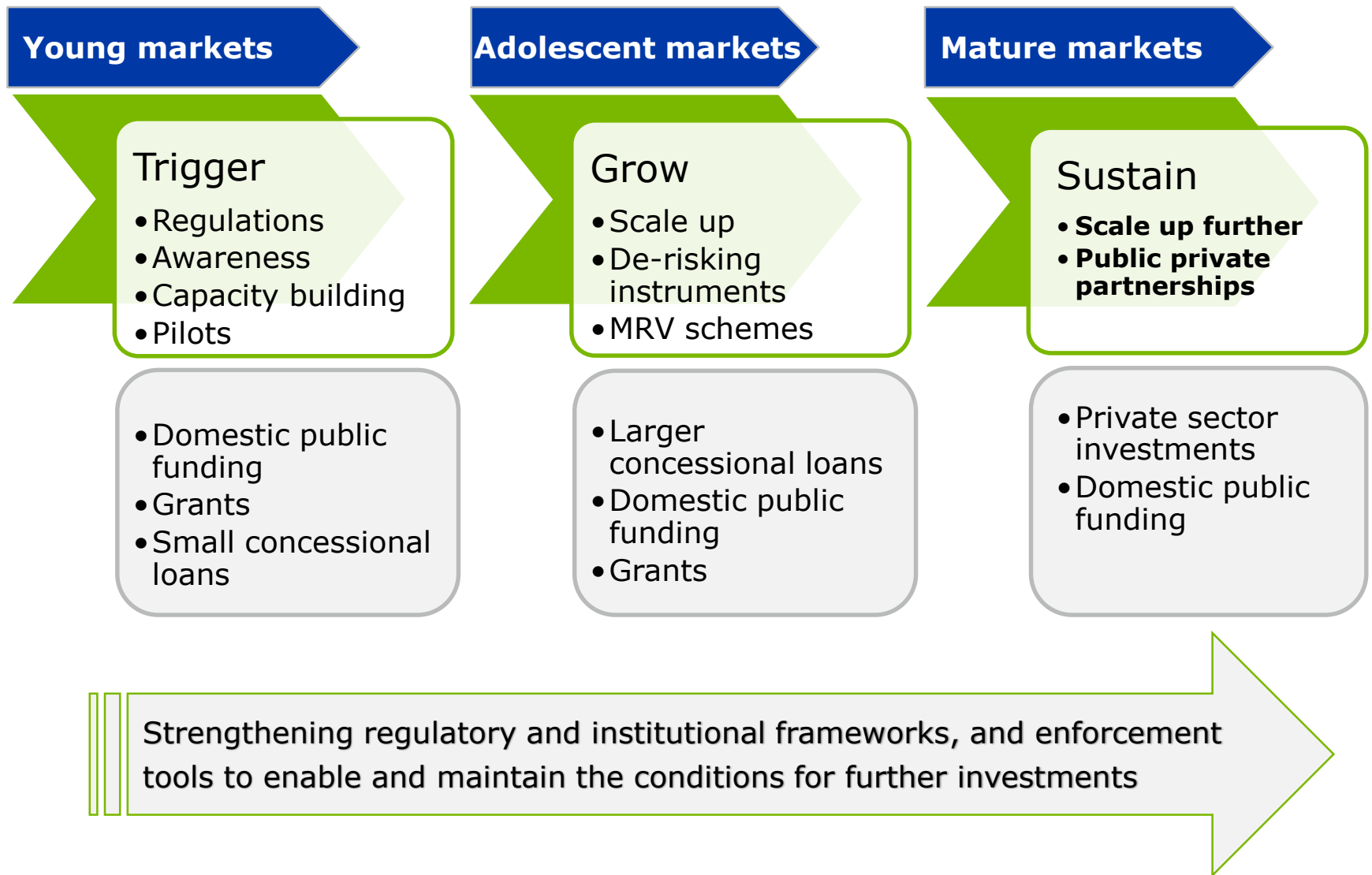
Monitor EE investment performance

- Join the De-Risking Energy Efficiency Platform (DEEP)
- Develop MRV guidelines for quantifying energy savings

Fit to market maturity

- Tailor the technical and financial support to the maturity level of EE building markets

GABC could take a 3-step approach to their services



Thank you and please contact us for more information



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