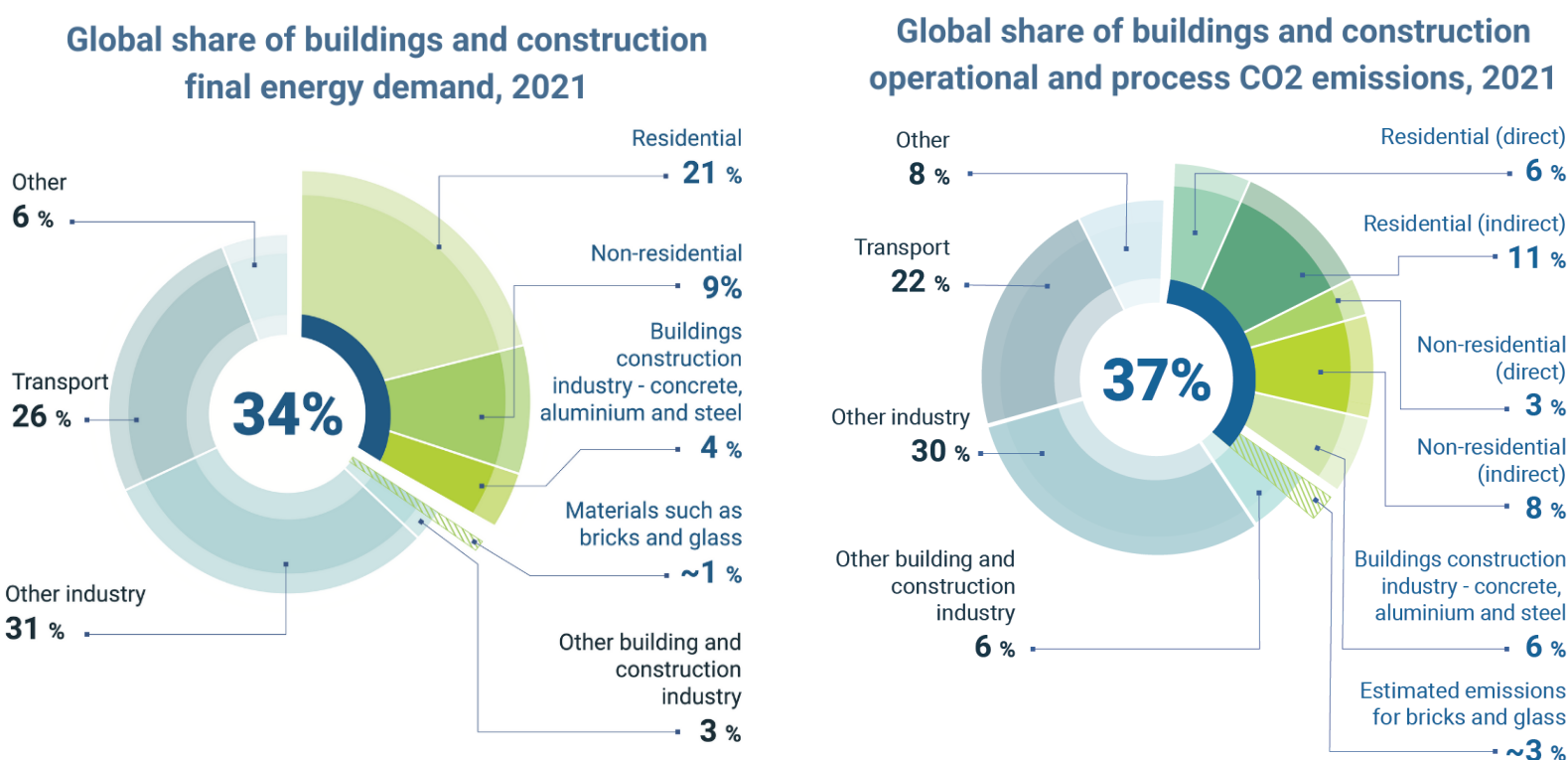
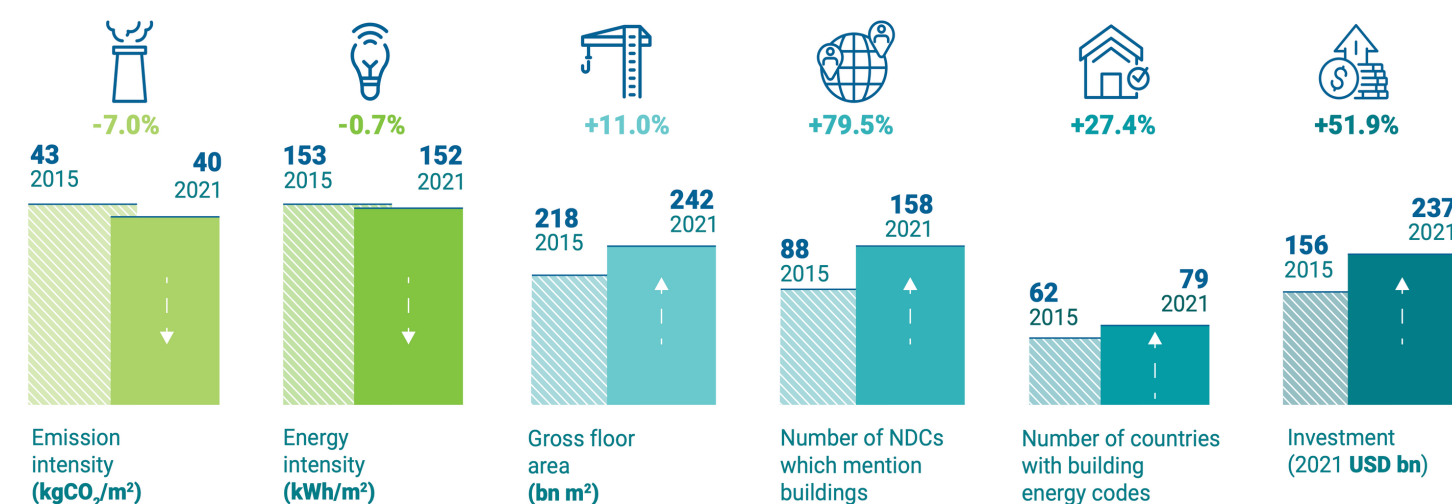


WHY BUILDINGS AND CONSTRUCTION?

- Building and construction sector shape living spaces where people in most countries spend more than **80% of their time**. Buildings are critical for both climate change mitigation and adaptation.
- The **equivalent of Paris** is added in new building every 5 days. **70% of buildings standing in Africa by 2040 have not yet been built**.
- In 2021, **buildings energy demand and emissions exceeded pre-pandemic peaks**. The building sector is not on track to achieve full decarbonization by 2050.
- Being responsible for ca. 7% of global employment or more than 200 million jobs, and accounting for 11-13% of global GDP, **the sector is key for our economy and wellbeing**.



KEY TRENDS 2015-2021



¹ Values included for the baselines have been updated from previous versions of the Buildings-GSR due to both historic input data updates for emissions and floorspace, and also deflation factors for USD. The proportional changes between previous years remains similar.

Source: 2022 Global Status Report for Buildings and Construction, GlobalABC

OUR COMMON VISION

MPGCA Human Settlements Pathway

- By 2030 the built environment should have its emissions, whereby 100% of new buildings must be net-zero carbon in operation.
- By 2050, all buildings must be decarbonized along the lifecycle.

Buildings Breakthrough Target

- Co-led by France and Kingdom of Morocco, under the coordination of the GlobalABC
- "Near-zero emission and resilient buildings are the new normal by 2030"

RECOMMENDATIONS

10 principles for effective adaptation of the buildings sector to climate change

- 1/ **Urgency** - Act now
- 2/ **Stakeholders** - Consider a systemic integration of measures for adaptation across the entire value chain
- 3/ **Process** - Consider adaptation along the entire lifecycle of an asset
- 4/ **Mitigation** - Implement adaptation & mitigation in tandem
- 5/ **Data** - Understand climate risk data and accept uncertainty
- 6/ **Scale** - Think beyond asset-level
- 7/ **Green** - Consider NbS
- 8/ **People** - Promote a "just adaptation" of the building sector
- 9/ **Finance** - Enable adaptation of the sector
- 10/ **Local** - Fit adaptation measures to the local context



Adoption of 'pillar policies' such as:

- Mandatory building energy codes
- Ambitious & holistic NDCs
- Adoption of buildings and construction decarbonization and resilience roadmaps modelled on the GlobalABC framework
- All buildings' related regulations need to go beyond operational energy and emissions to take a whole building life cycle approach



Shift to decarbonized energy sources

Energy efficiency and envelop first : Multiple co-benefits i.e. reduction of energy poverty and risks.

Need to **bridge the gap between governments and the private sector**. All buildings and construction related companies need to join the Race to Zero and set trajectories and through science-based approach initiatives (SBTi, CCREM...) and report implementation (ACT...)

Deep collaboration between all actors from the buildings and construction value (business, finance, policy and science)