



Global Alliance for Buildings and Construction (GlobalABC)

Towards a zero-emissions, efficient and resilient buildings and construction sector



How to accelerate the construction of climate friendly buildings
BUILD_ME: Accelerating 0-emission building sector ambitions in the MENA region

Why buildings?

The equivalent of Paris is added in floor space every 5 days!

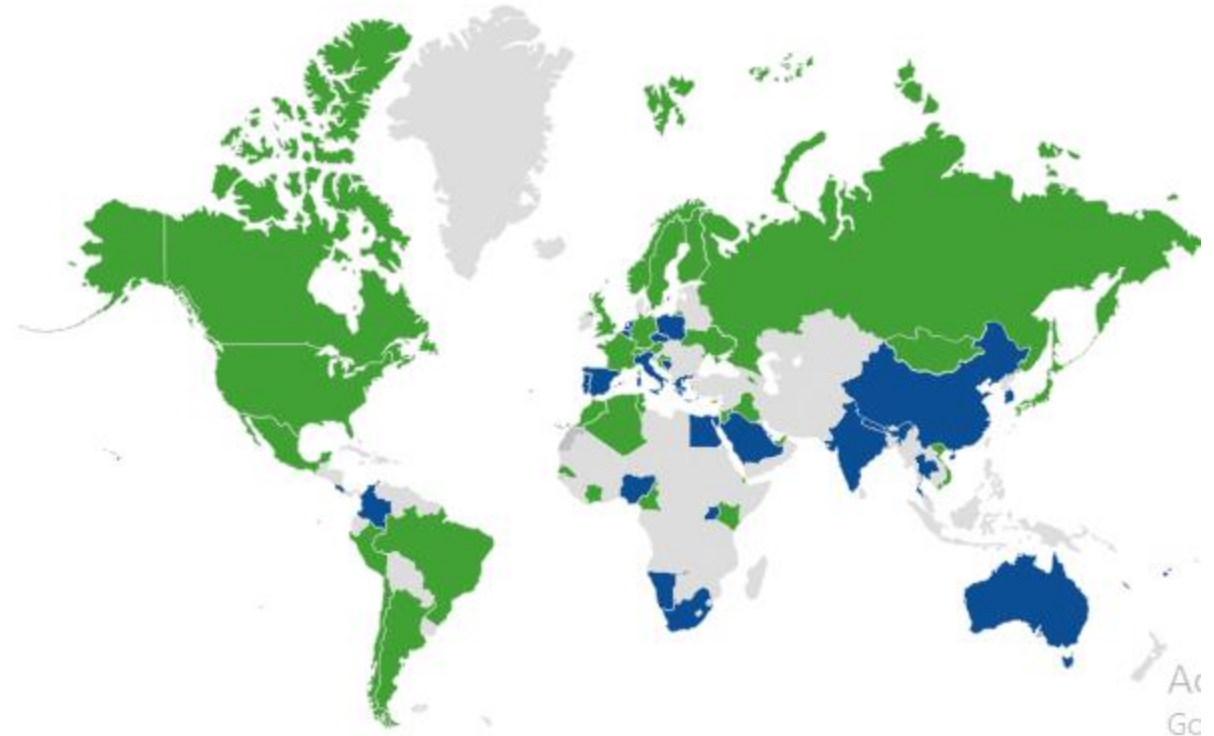
Half of the buildings standing in 2050/60 have not yet been built!



*The **most cost-effective mitigation** potential of any industrial sector. Co-benefits **including job creation**, improved indoor and outdoor air quality, improved climate resilience.*

About the GlobalABC

Founded at COP21, hosted by UNEP and with **235 members including 36 countries**, the GlobalABC is the leading global platform for governments, private sector, civil society, research and intergovernmental organizations committed to a common vision: **A zero-emission, efficient and resilient buildings and construction sector.**



Our vision

UNFCCC Marrakech Partnership for Global Climate Action:

By 2030, the built environment should halve its emissions, whereby 100 per cent of new buildings must be net-zero carbon in operation.

By 2050, all buildings must be decarbonized along the lifecycle

GlobalABC's key activities

3 National Alliances

Mexico
Morocco
Tunisia

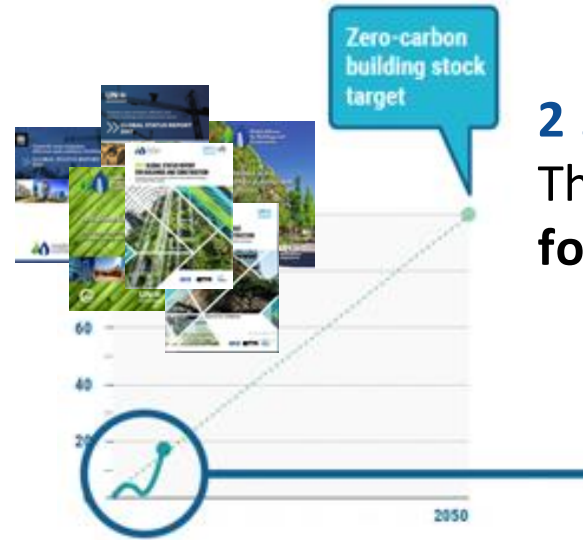


COP21-CMP11
PARIS 2015
BY UNFCCC CONFERENCE



1. BE A CATALYST

Deep collaboration; national alliances; building passports



2. TRACK PROGRESS

Through the **Global Status Report for Buildings and Construction**

3. SUPPORT COUNTRIES

Through our **building decarbonization roadmaps: 1 Global, 3 regional, 30 national/local** (underway)



GlobalABC's key activities

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COP21 - CMP1
PARIS 2015
BY UNFCCC CONFERENCE



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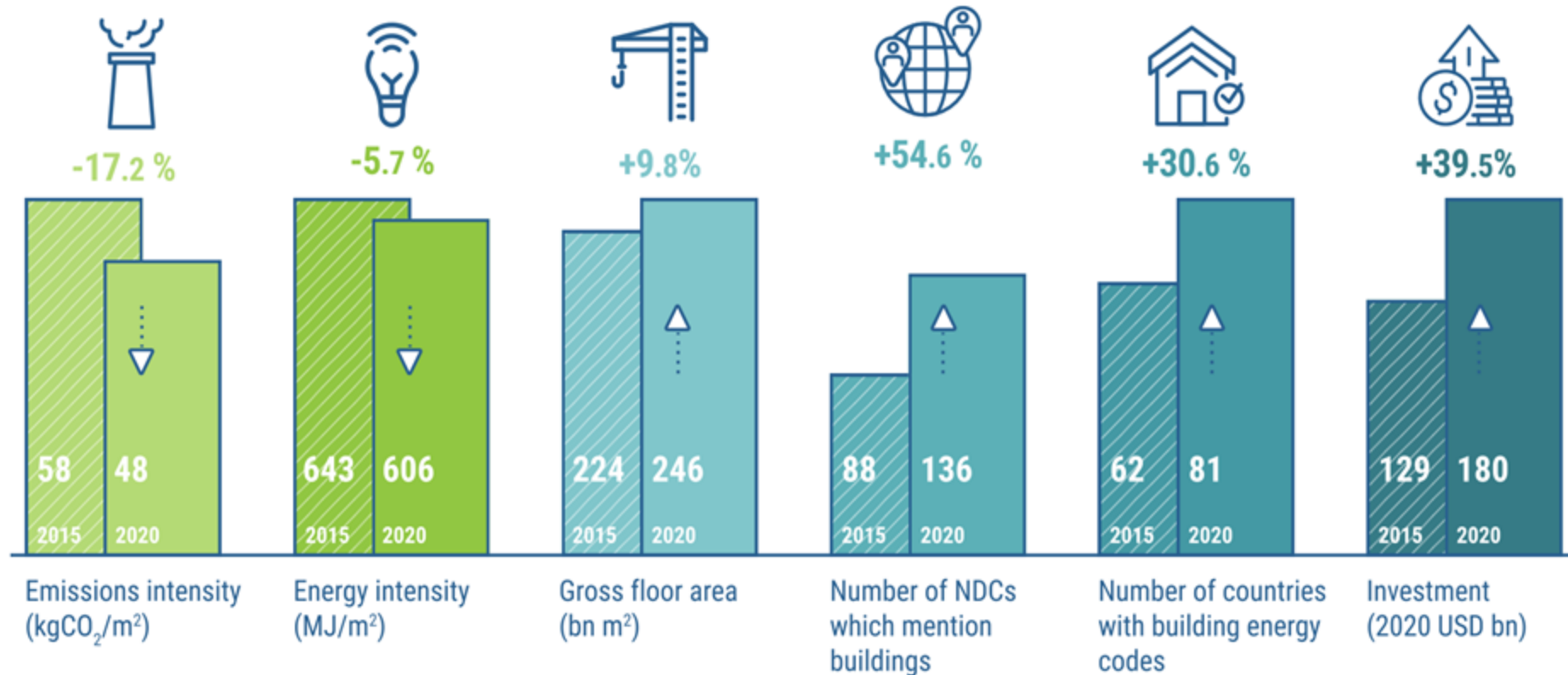
2. TRACK PROGRESS
Through the **Global Status Report
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Change in global drivers of trends in buildings since Paris Agreement in 2015



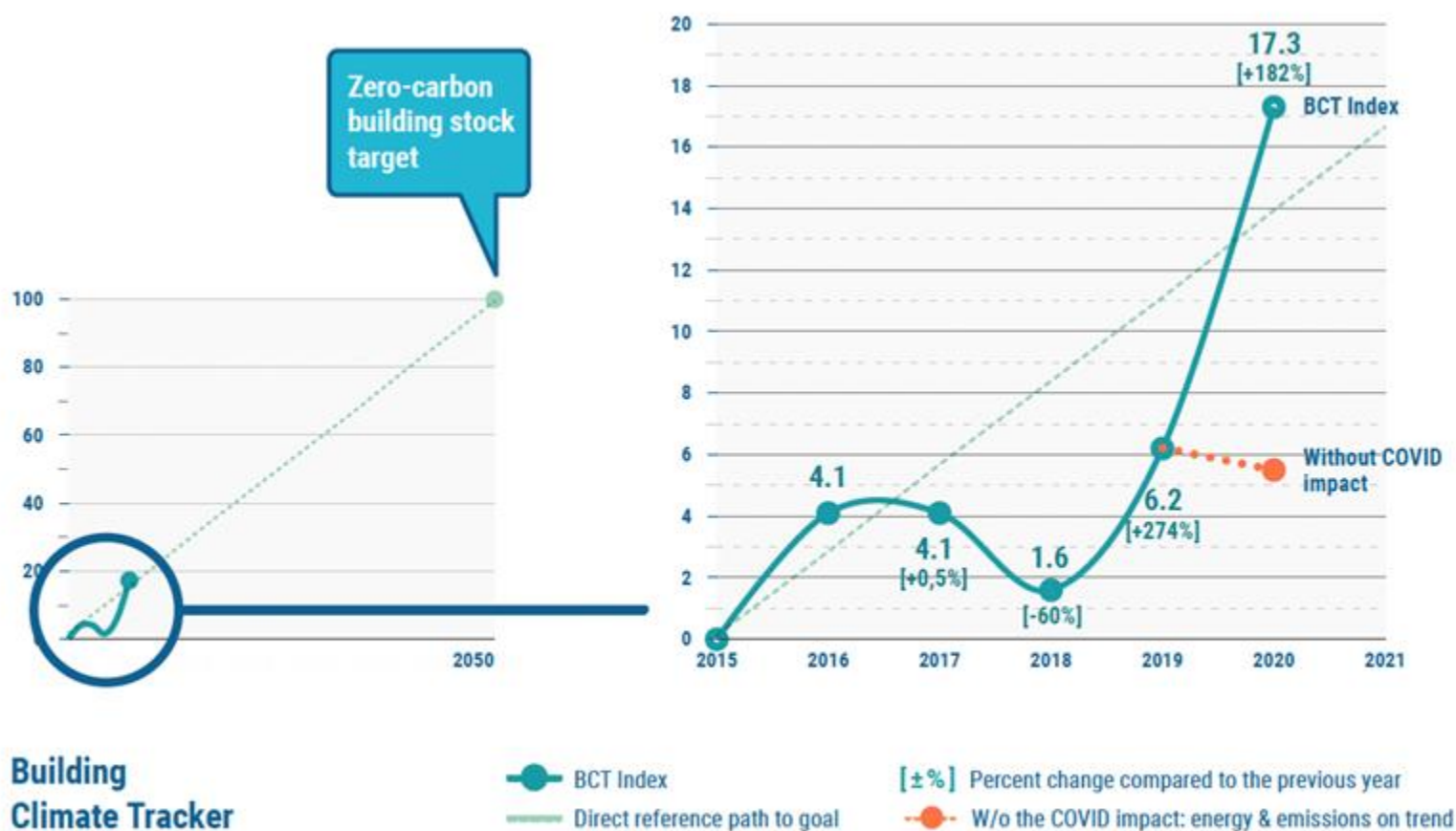
Sources: UNFCCC 2021; Buildings-GSR 2021; IEA 2021a. All rights reserved.

Notes: Emissions intensity is total buildings construction and operations emissions over total floor area, energy intensity is total building operational energy over

Key Message: Global Buildings Climate Tracker: A momentary improvement disguises a lack of structural change



Buildings Climate Tracker (BCT): Decarbonisation index trend for buildings and construction



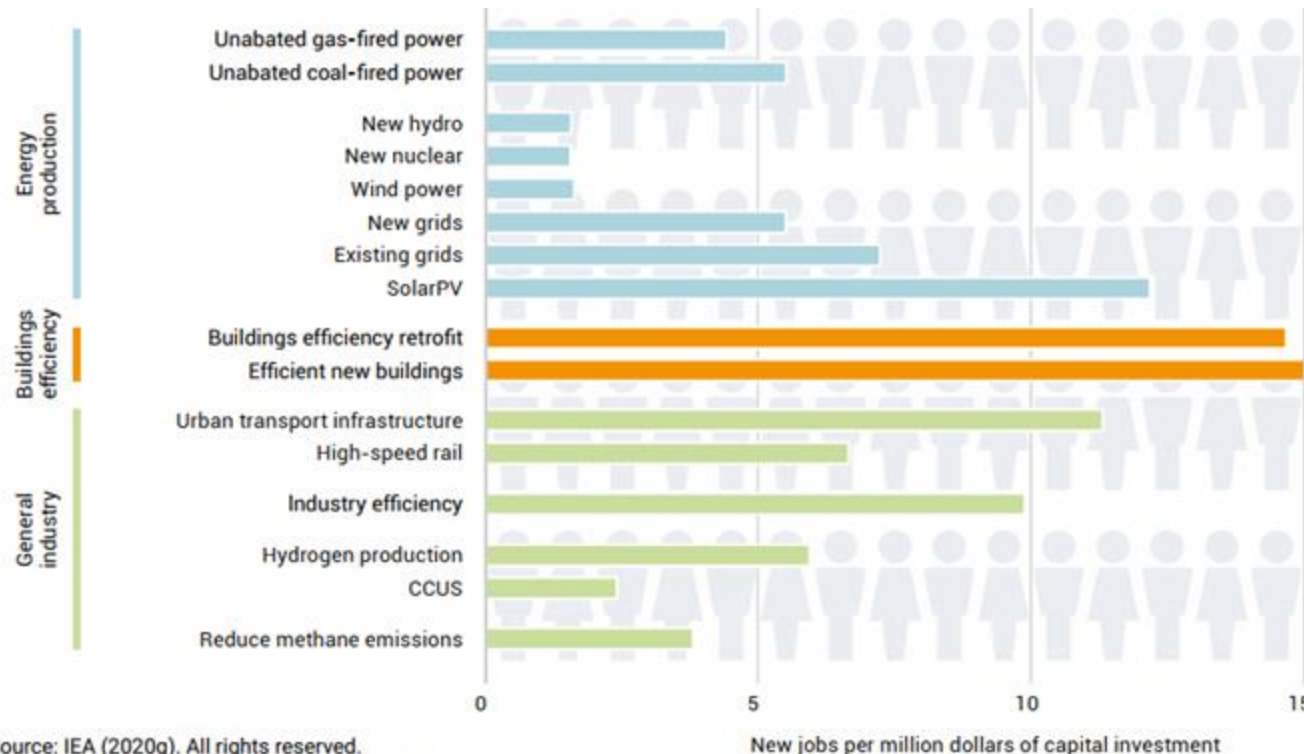
The Tracker appears to indicate that the buildings and construction sector is on track to achieve complete decarbonization by 2050.

This is a temporary result, reflecting the unprecedented changes in building use during the pandemic.

Key Message: COVID-19 has severely impacted global buildings industry with construction activities have dropped by 10–25% compared to 2019



Jobs created per million dollars of capital investment and spending by measure



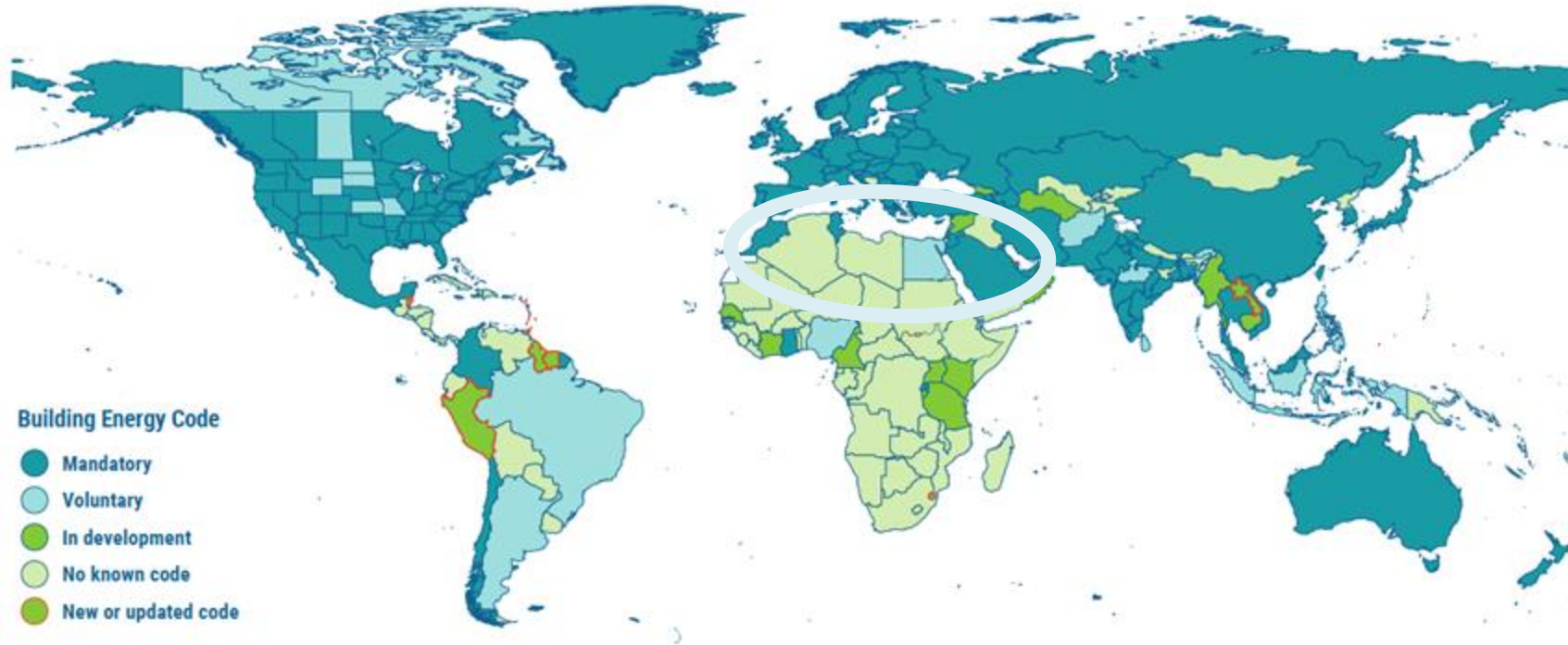
Source: IEA (2020g). All rights reserved.
Adapted from "IEA Sustainable Recovery, 2020"

- Between 9-30 jobs for every million dollars invested in retrofits or efficiency measures
- 60% of home retrofit expenditure goes towards labour

Key Message: Countries increasingly recognize that building energy codes are essential, yet remain low across Africa and in South and Central America



Buildings sector Code coverage in 2020



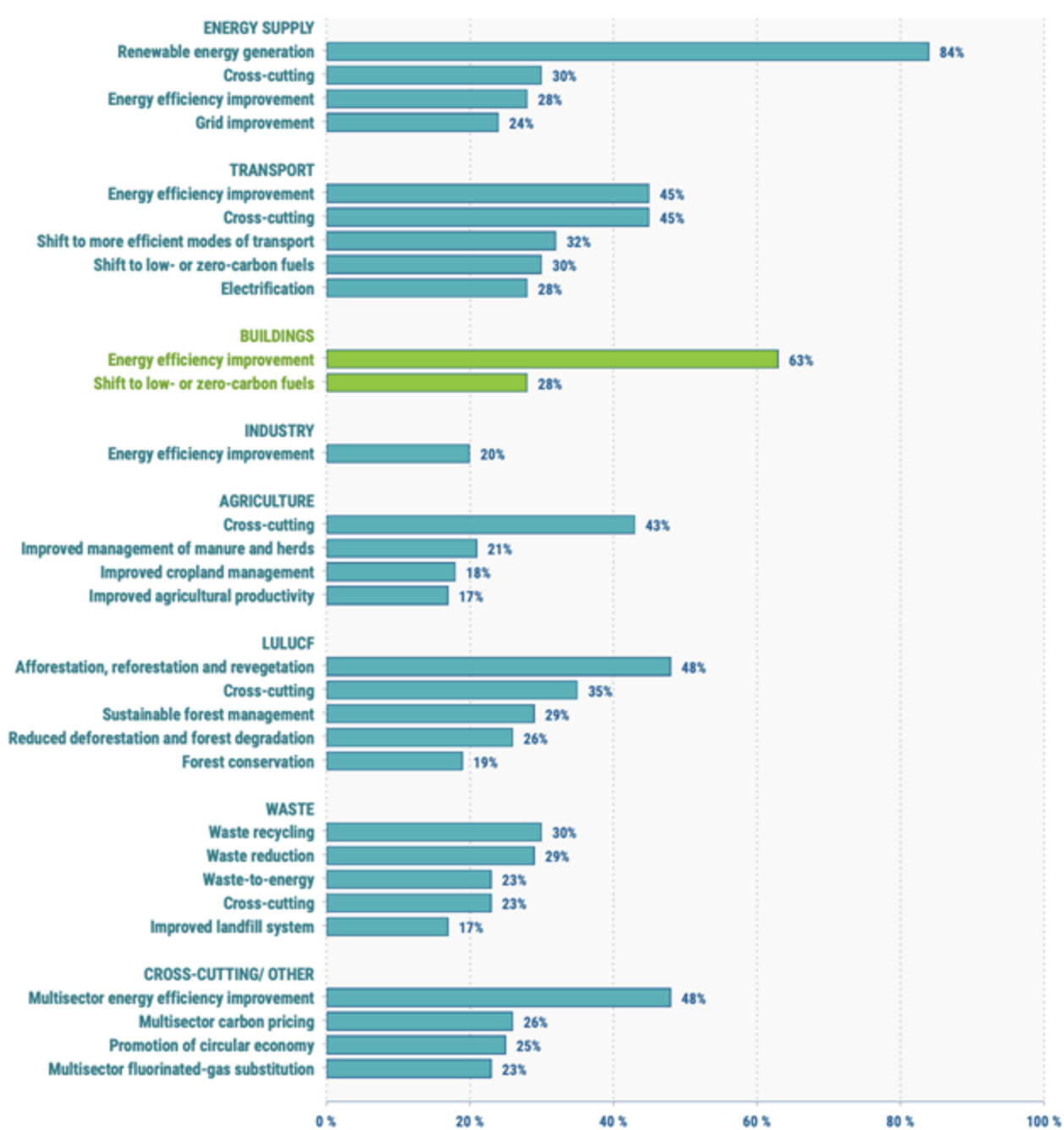
22% countries had mandatory codes for all buildings.

In MENA: 44%

In Africa: 9%

Note: This map is without prejudice to the status of or the sovereignty over any territory, to the delimitation of international frontiers and boundaries, and to the name of any territory, city, or area. Recent updates are highlighted with a red border. Building energy codes relating to specific cities only are not shown.

Source: IEA 2021e. All rights reserved.



Energy efficiency and energy codes in buildings are the second most frequently cited actions in Nationally Determined Contributions

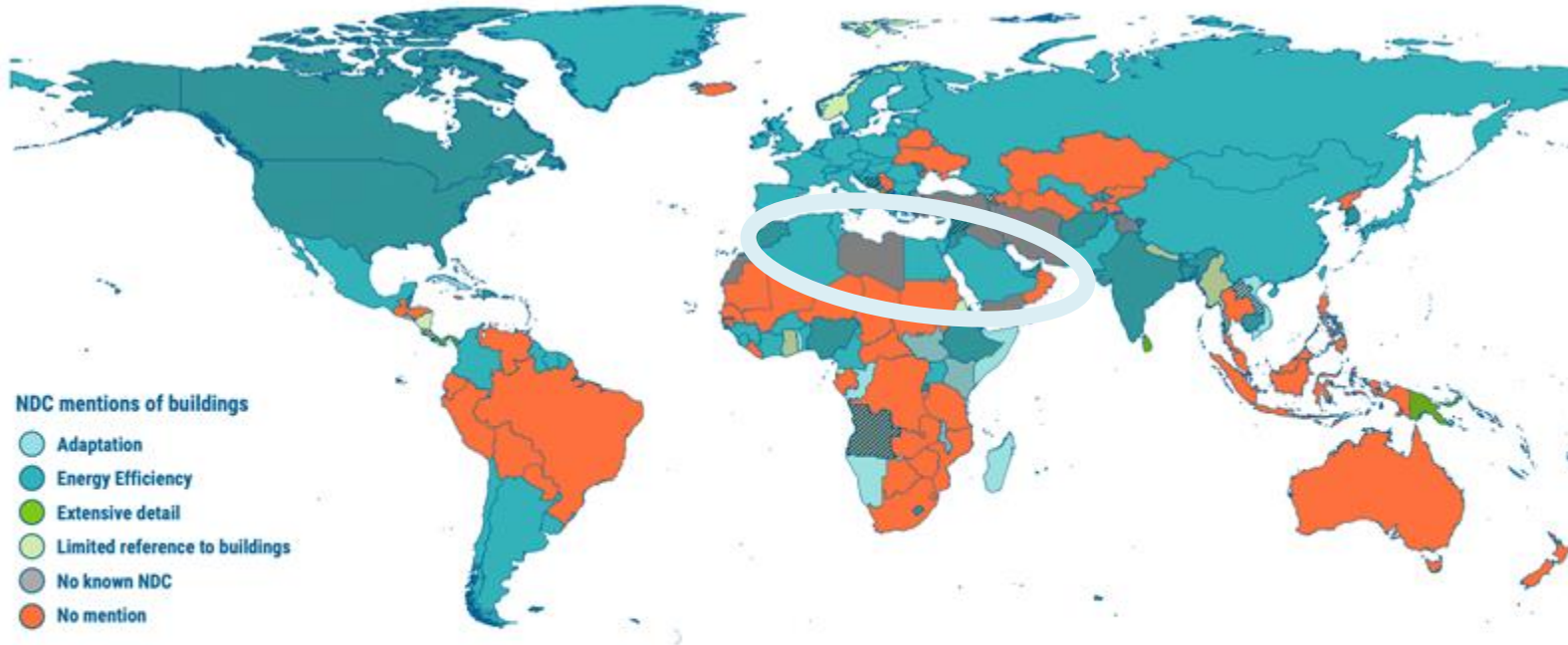
Note. If a Party communicated more than one measure for one of the frequently indicated mitigation options, it was counted as one Party communicating measures for that option.

Source: UNFCCC 2021

In the lead up to COP26, the policy landscape for decarbonizing the global buildings and construction sector continues to change in NDCs



Buildings sector emissions coverage in NDCs in 2020



146 countries mentioned building emission reductions in their NDCs, although these vary in their ambition

This map is without prejudice to the status of or the sovereignty over any territory, to the delimitation of international frontiers and boundaries, and to the name of any territory, city, or area

Notes: Adaptation can refer to any measures to improve resilience to the impacts of climate change, such as improved flood resilience for housing.

Regions with fine left-hatching have previous versions.

Source: UNFCCC.

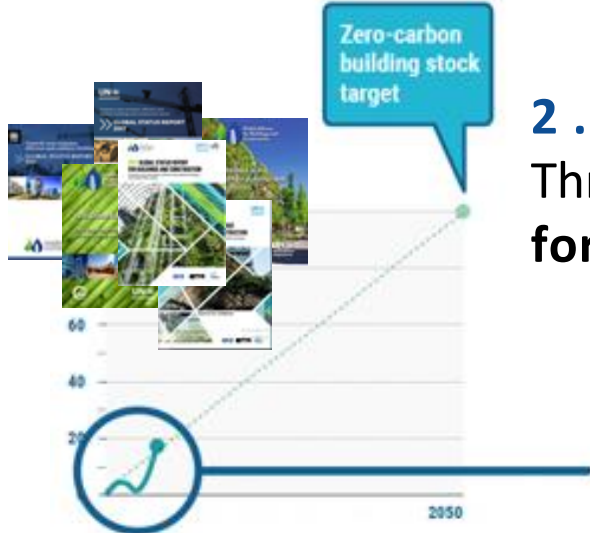
GlobalABC's key activities



3 National Alliances

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1. BE A CATALYST
Matchmaking and deep collaboration: national alliances; building passports



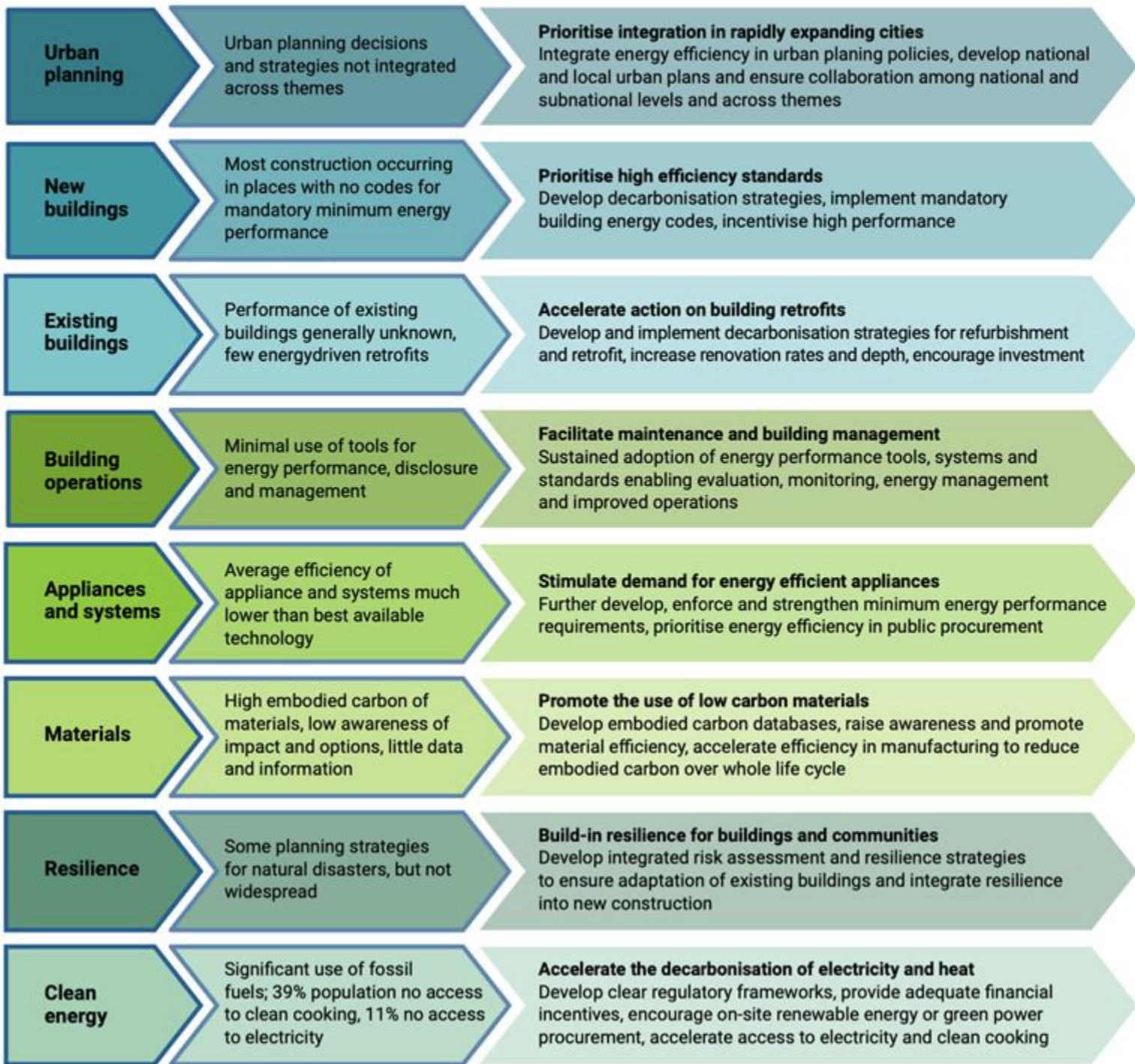
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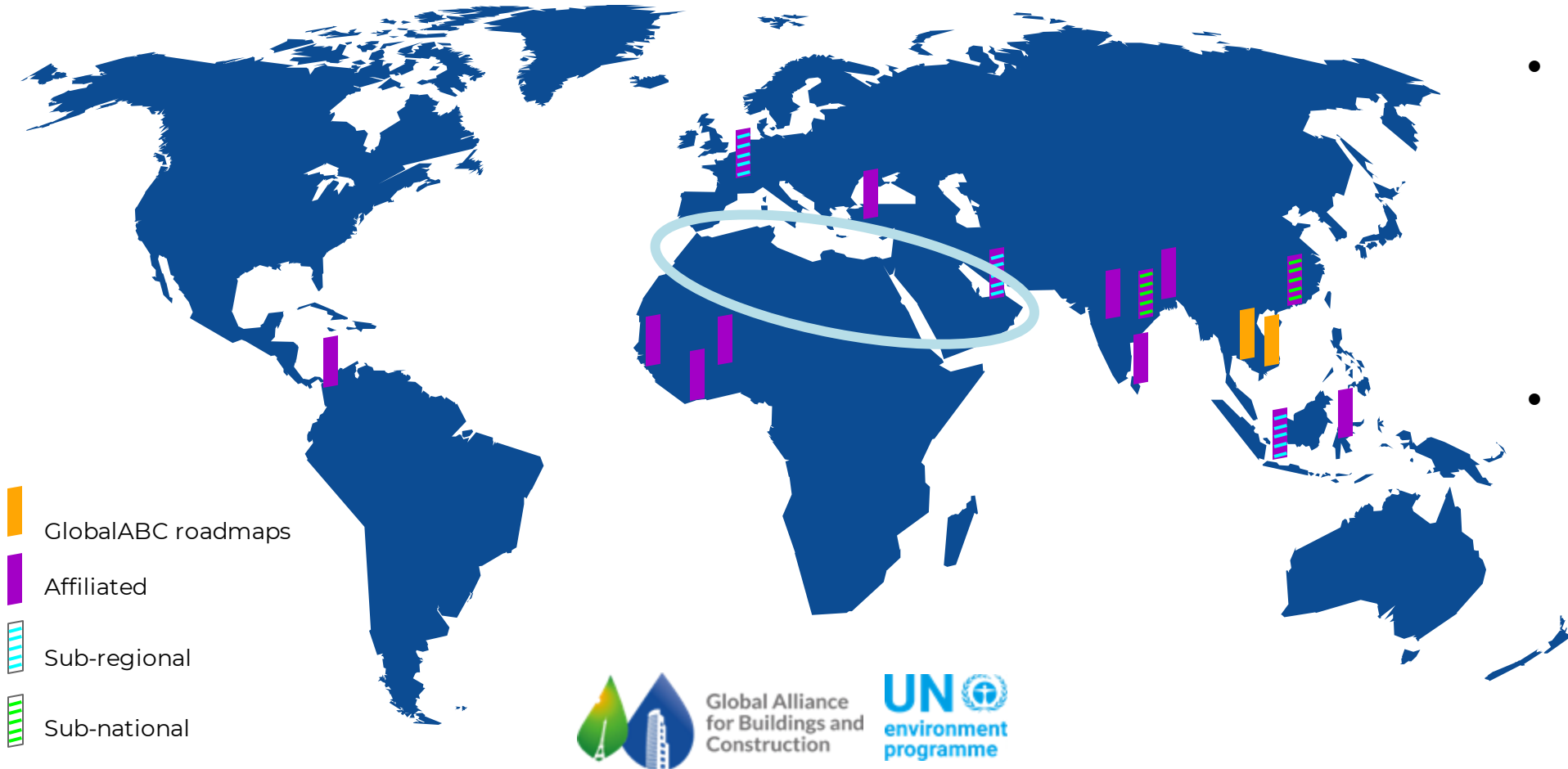
3. SUPPORT COUNTRIES
Through our **building decarbonization roadmaps: 1 Global, 3 regional, 30 national/local** (underway)

our **global, regional and national building roadmaps** to support countries in achieving this vision through policy and finance action along the **building lifecycle, in eight categories.**

Over 700 stakeholders engaged overall



Global Alliance
for Buildings and
Construction



- **Cascading** regional roadmaps to sub-regional, national and local levels has started

- GlobalABC Roadmaps **Coordination Hub**

Thank you!

Find out more:
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