

# 2021 GlobalABC annual NARRATIVE REPORT

**2021 GlobalABC Annual Assembly**

*Towards a zero-emission, efficient and resilient buildings and construction sector*





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## Abbreviations

BCT	Buildings Climate Tracker
BMU	Federal Ministry for the Environment, Germany
Buildings-GSR	Global Status Report for Buildings and Construction
CAA	Commonwealth Association of Architects
CABR	China Academy of Building Research
COP	Conference of the Parties
FDf	Federal Foreign Office, Switzerland
GlobalABC	Global Alliance for Buildings and Construction
HLCC	High-Level Climate Champions
IEA	International Energy Agency
IFC	International Finance Corporation
MLMUPC	Ministry of Land Management, Urban Planning and Construction, Cambodia
MoC	Ministry of Construction, Vietnam
MPGCA	Marrakech Partnership for Global Climate Action
MTES	Ministry for the Ecological Transition, France
NDC	Nationally Determined Contributions
NRCan	Natural Resources Canada
NYC	New York City
PEEB	Programme for Energy Efficiency in Buildings
QF	Qatar Foundation
RRM	Regional Roadmap
RTZ	Race to Zero Dialogues
SDC	Swiss Agency for Development and Cooperation
SEA	Southeast Asia
UAE	United Arab Emirates
UBA	University of Buenos Aires
UK	United Kingdom
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UNFCCC	United Nations Framework Convention on Climate Change



WorldGBC      World Green Building Council  
WRI            World Resources Institute



# 1. 2021 Summary & Highlights of Achievements

## The GlobalABC in numbers



As the global pandemic continues to affect the ways we live and work, the GlobalABC maintained most of its activities in online format, with the exception of COP26, where events were held both in-person and online. This has been a year of great growth of GlobalABC in terms of range of activities, membership and visibility, made possible by engagement of our members and partners in advancing the central role of buildings in climate action. This is reflected in the [MPGCA Human Settlements Pathway](#), where the GlobalABC has led the Built Environment track, and that provides a north star for the sector:

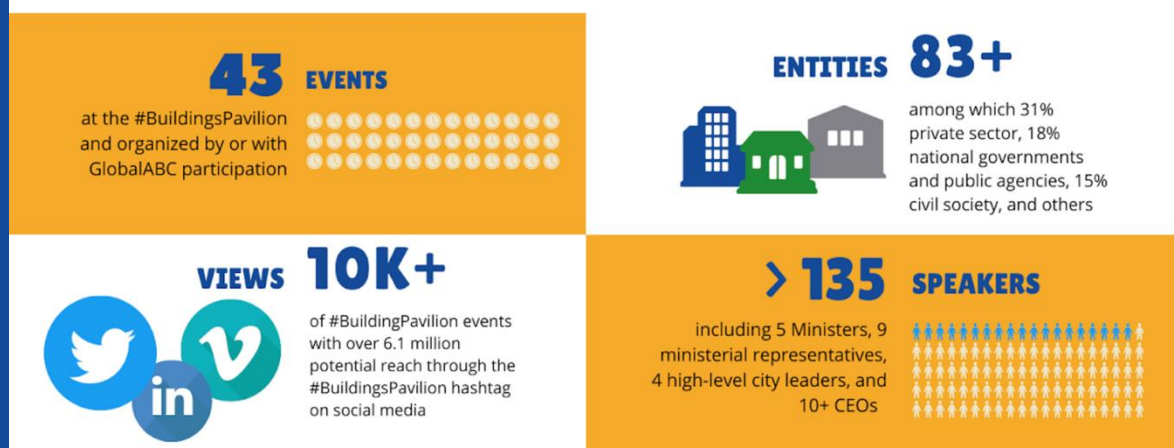
**By 2030**, the built environment should halve its emissions, whereby 100 per cent of new buildings must be net-zero carbon in operation, with widespread energy efficiency retrofit of existing assets well underway, and embodied carbon must be reduced by at least 40 per cent, with leading projects achieving at least 50 per cent reductions in embodied carbon.

**By 2050**, at the latest, all new and existing assets must be net zero across the whole life cycle, including operational and embodied emissions.

The activities of the GlobalABC were developed to align with the GlobalABC Theory of Change (The Policy Partners, 2020) and advance the three objectives to:

**1. Be a global advocate for the importance of the sector for global climate action**, provide a common language for discussion among decision makers and be a catalyst for action by leading actors in the buildings and construction sector. *Examples of achievement:*

- COP26: During 1-12 November, the world gathered in Glasgow, UK, to accelerate action towards the goals of the Paris Agreement. **The built environment had the greater presence in a COP than ever, thanks to coordinated efforts by the [#BuildingToCOP26](#) coalition<sup>1</sup>, the [#BuildingsPavilion](#), and the dedicated “Cities, Regions and Built Environment” thematic day.** Overall, these activities covered over 43 events by over 83 entities, with over 135 speakers and thousands of views and followers.



- Membership growth: the GlobalABC community has grown to 215 members, more rapidly so in the past year. The updated website and the increased visibility have contributed to the growing interest in joining the GlobalABC.

**2. Provide a neutral and trusted platform to set targets for decarbonisation**, track progress, track action and share knowledge and good practices. *Examples of achievement:*

- Regional Roundtable for Asia-Pacific: on the occasion of the Asia Pacific Climate Week, the GlobalABC held this event as an official side event, to bring policymakers and key stakeholders to discuss the level of ambition needed in the buildings and construction sector, as well as the key tools to deliver that vision by 2050 and the landmark milestones that need to be achieved by 2030.
- The 2021 Buildings Global Status Report: launched in October this year and found that the sector accounts for 37% of all energy-related CO<sub>2</sub> emissions when adding building construction industry emissions. This is a dynamic edition, bringing a five-year retrospective of the sector, a deep dive into the advances in cooling, a regional focus in Europe and an updated Building Climate Tracker (BCT).
- Updated [Human Settlements Pathway](#): Under the MPGCA, the GlobalABC led the revision of critical points of the Built Environment track of the Pathway document, in an effort to create better alignment with other pathways, expand regional representation, and address blind spots, creating a stronger pull towards action that can rally all stakeholders across the value chain. The pathways are based on the GlobalABC roadmaps and outline the ‘north

<sup>1</sup> Including the World Business Council for Sustainable Development (WBCSD), the World Green Building Council (WorldGBC), C40, Resilience Shift, and the GlobalABC.



star' for the sector, to halve emissions by 2030 and to decarbonize the sector along the life cycle by 2050, along with key actions for different stakeholder groups.

**3. Provide the key measures for countries to adopt,** helping them set priorities in their own strategies, based on their situation, e.g., using the GlobalABC regional and national roadmap process. *Examples of achievement:*

- Roadmaps Coordination Hub: brings together organizations working in buildings roadmap development to help identify synergies, stimulate peer-to-peer learning and avoid doubling of efforts. The hub counts 19 organizations working in 16 roadmaps in sub-regional, national and local level.
- Vietnam and Cambodia roadmaps: The GlobalABC joined efforts with PEEB and with UNDP respectively, to develop national roadmaps that support long-term strategic planning of buildings decarbonization. These processes also built on Nationally Determined Contributions as tools for advancing commitment to action in the sector and the NDC Toolkit has emerged as a by-product of this effort.

## 1.1. Highlights 2017-2021

Over the course of 2017-2021, GlobalABC is delighted at the following highlights and achievements:

- The GlobalABC grew its membership from 102 to 204 members, including 9 additional country members.
- published 5 annual Global Status reports for Buildings and Construction, with increasing downloads, from several hundred, to nearly 20,000 per year.
- After its foundation at COP21, and from COP22 onwards, GlobalABC has steadily increased buildings' presence at COPs, through buildings' events linked to the Marrakech Partnership for Global Climate Action (MPGCA) Human Settlements sector, working towards the COP26 highlight with a buildings pavilion, a dedicated city, regions, and built environment day with a ministerial and mayoral event, and 140 events on buildings and construction, many of which GlobalABC formed part of. We crafted our success framework (see COP26 section below) and were instrumental in ensuring a common, strong message on the importance of the buildings and construction sector for climate action.
- GlobalABC instrumental in forging the joint MPGCA Human Settlements pathway goals highlighted above: Sector under the [Marrakech Partnership for Global Climate Action Human Settlements Pathway](#): *By 2030, the built environment should halve its emissions, whereby 100 per cent of new buildings must be net-zero carbon in operation, with widespread energy efficiency retrofit of existing assets well underway, and embodied carbon must be reduced by at least 40 per cent, with leading projects achieving at least 50 per cent reductions in embodied carbon. By 2050, at the latest, all new and existing assets must be net zero across the whole life cycle, including operational and embodied emissions*
- Work Area engagement and output has increased significantly with multiple new sub-groups including on resilience, on materials, and on clean heating established, and with exciting new products, including (see also section 6.3 below):
  - the [10 Key Measures for decarbonizing buildings](#), under WA1 - Awareness and Education, led by Switzerland.
  - The '[Buildings and Climate Change Adaptation: A Call for Action](#)', and '[Adaptation of the Building Sector to Climate Change: 10 Principles for Effective Action](#)' under WA2, Public Policies - subgroup resilience
  - The [Key Levers for Market Transformation](#), under WA3, Market Transformation.
  - The [EU Taxonomy - What does it mean for buildings](#) under WA4, Finance.

- The [Building Passport Practical Guidelines](#) and linked pilot project in Morocco under WA5, Building Measurement, Data and Information
- GlobalABC has developed and launched three regional roadmaps for Africa, Asia, and Latin America, in collaboration with the IEA, and based on over 700 expert inputs from around the world. These roadmaps are increasingly recognized as essential planning tools for holistic and transformative building decarbonization and are now cascaded to the sub-regional and national level, with activities in 30 countries” 22 Arab states, drive by the UAE; Cambodia; Vietnam; Senegal; Ghana; Burkina Faso; Sri Lanka. They are developed in collaboration with or even driven by national, regional, and local authorities in relevant countries. The roadmaps are often connected with the country’s NDCs and used as instruments to increase ambition actions in NDCs.
- In 2019 and 2020 we proceeded to develop our Theory of Change, adopted in 2020, outlining GlobalABC’s three main objectives: being a global advocate and catalyst for action; tracking progress and setting targets; and supporting countries in setting priorities based on their situation. In 2019, GlobalABC developed its first results framework and success indicators, in a collaborative manner, and approved by the 2019 Assembly. These indicators have proved too detailed to be practical which is why in 2022 an updated results framework was proposed and accepted.
- After the foundation in 2015 and an initial partner meeting in 2016, we held two in-person assemblies hosted by the UAE in Dubai, UAE; and hosted by Canada in Ottawa, Canada; two virtual assemblies (due to COVID-19) in 2020 and 2021; and our first hybrid assembly hosted by France/ADEME in Nice, France, with an increasing number of members attending. During those assemblies, we held three elections for our Steering Committee, with the newest Steering Committee being elected in 2022.

## 1.2. 5-year review of the Global Alliance for Buildings and Construction

*“The Secretariat (with very modest funding) and in cooperation with the member-elected Steering Committee are regarded by members as having professionally managed and achieved the outcome of an ambitious platform and, as having well-coordinated the significant in-kind contributions of cooperative and enthusiastic GlobalABC members.”*

In 2021, the GlobalABC has undergone a 5-year review, taking into consideration the Theory of Change, and GlobalABC’s products and tools; and based on in-depth interviews with over 20 members. This highlighted several important insights:

- The overall finding was that GlobalABC, and its work is **highly satisfactory**, in particular GlobalABC’s identification, quantification and elevation of the building and construction sector.
- The Secretariat is perceived as **professional and efficient**, though financial constraints limit impact and outreach. Appreciation for **quickly “pivoting” to remote communications which may have increased inclusivity**.
- There is appreciation for **‘safe and neutral’** space. GlobalABC is seen as **putting on the table emerging issues**
- GlobalABC’s tool, notably regional roadmaps, associated roundtables, Building Passport guidelines, and the Buildings Climate Tracker are a way to **overcome sector fragmentation**.
- Unique strength of the platform to **bring together all stakeholders of the buildings value chain**.

*“Interviewees underlined how well GlobalABC is aligned with their organizations’ priorities and how GlobalABC’s creation filled a gap by bringing together the building and construction sector players.”*

- Members attribute their increased involvement in COPs/high-level events to GlobalABC membership and collaboration.
- with 1 global, three regional roadmaps, and roadmap processes ongoing/about to start in 30 countries following the GlobalABC model, members use GlobalABC products to drive sector transformation.

*“GlobalABC’s key messages help persuade policy makers to include the buildings and construction sector in their new initiatives.”*

Key recommendations from the review included:

- The need to strengthen GlobalABC communication and outreach beyond GlobalABC members, outside the ‘climate bubble’.
- The need to further quantify and tap into the full potential of the reach of all members - strengthening their success and helping them make use of GlobalABC’s activities.
- The need to strengthen human and financial resources of the GlobalABC Secretariat.
- The need to engage more country members from areas responsible for a large share of GHG emissions, and as more members from the Global South.
- To develop an updated results framework & stakeholder analysis.

### 1.3. COP21+5 anniversary report

*“Buildings account for one-third of total global energy consumption, and this share is growing dramatically (...) Clearly, this challenge cannot be solved at national level. For this reason, we are fully engaged in the Global Alliance for Buildings and Construction (GABC), launched in COP21, that we co-chair with the World Business Council for Sustainable Development. This alliance brings together 34 countries and more than 160 organizations mobilized for zero emission, efficient and resilient buildings.”*

*Barbara Pompilli, Minister for Ecological Transition, France*

Based on the 5-year review the GlobalABC also developed an anniversary report as a communications piece. This report outlined the *raison-d’être* for the GlobalABC, underlined key achievements (see figure 6), and key activities undertaken.



Next to building decarbonization roadmaps starting or ongoing in several countries, building on the GlobalABC regional roadmaps for Africa, Asia, and Latin America, the GlobalABC also co-led development of a common vision future-proof buildings and construction

Sector under the [Marrakech Partnership for Global Climate Action Human Settlements Pathway](#):

*By 2030, the built environment should halve its emissions, whereby 100 per cent of new buildings*

*must be net-zero carbon in operation, with widespread energy efficiency retrofit of existing assets well underway, and embodied carbon must be reduced by at least 40 per cent, with leading projects achieving at least 50 per cent reductions in embodied carbon. By 2050, at the latest, all new and existing assets must be net zero across the whole life cycle, including operational and embodied emissions*

*“The GlobalABC plays a critical role to help all stakeholders in the built environment work towards a common goal of eliminating all emissions from the built environment and adapting to the now inevitable changes in of our climate, by fostering a common vision and language, outlining how the sector can be transformed, and by offering practical guidance and tracking progress.”*

*Roland Hunziker, Director, Sustainable Buildings & Cities, World Business Council for Sustainable Development (WBCSD). Co-chair of the GlobalABC Steering Committee*

“On the challenging way to decarbonising the buildings and construction sector, the GlobalABC and its members achieved to establish a powerful alliance in its 5 years of existence. The diverse membership ranging from national and subnational governments to academia, the private sector and civil society, enables innovative approaches through exchanging perspectives, combining expertise and access to multiple data sources. By bundling efforts, the GlobalABC has succeeded in raising visibility and highlighting the importance of the sector for reaching Net Zero.”

*German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) and German Energy Agency (dena)*

the [Human Settlements Pathway](#) builds on the GlobalABC roadmaps and includes key actions for buildings and construction stakeholder groups. The anniversary piece included quotes from several steering committee members, including from France (Minister of Ecological Transition HE Barbara Pompili), the World Business Council for Sustainable

“The GlobalABC is a unique platform that brings together the various stakeholders in the buildings sector and shapes the vision for the sector. The annual Buildings Global Status Report is an excellent tool to track progress in decarbonising the buildings sector and to draw the attention of national policy makers to the large greenhouse gas savings potential of the sector. The 10 Key Measures for decarbonising the building sector, and the roadmaps provide a starting point for action and help align bilateral development agreements.”

*André Daniel Mueller, Programme Officer, Federal Department of Foreign Affairs (FDFA), Swiss Agency for Development and Cooperation (SDC)*

Development, Holcim, The United Arab Emirates, Switzerland, and Germany. It also referred to the sectoral progress 2015-2020 from the Buildings-GSR



Figure 4: Key GlobalABC achievements. NOTE: As of March 2022, the GlobalABC counts 2015 members.

## 2. The 2021 GlobalABC Assembly

Due to the COVID-19 pandemic, the Assembly has been held as two virtual meetings of two hours each, on 24 and 25 March 2021.

The Assembly presented, discussed, and where applicable approved the GlobalABC Theory of Change (see excerpts in Annex I), the 2021 work plan, Work Area objectives, 2021 budget, and many other topics. With approximately **120** participants on Day 1 and approximately **100** participants on Day 2, the Assembly reflected the great engagement of our members on the GlobalABC's work, as well as the growing momentum towards a zero emission, efficient and resilient buildings and construction sector.

GlobalABC was honoured to welcome architects Issa Diabaté, Managing Director and Founder of Koffi & Diabaté Architects, and Kelly Doran, Senior Principal, MASS Design as keynote speakers on Day 1 and



Day 2 of the Assembly. We are also delighted to have hosted Buildings Sector Lead at the High-Level Climate Champions Team Nigel Tonks, in the context of the session on the 26th Conference of the Parties. The Assembly also presented an opportunity for welcoming new members to the ever-growing GlobalABC network, presenting the GlobalABC 2020 Review and 2021 Outlook. The Work Areas discussed their goals and activities for 2021 during breakout sessions, with the exception of WA3 who led a dedicated session on market transformation.

## 3. Flagship Products

### 3.1. Regional Roadmaps

**Further development of and pick up of the roadmaps in national processes:** A testimony to the usefulness of the Regional Roadmaps, cascading the roadmaps to the sub-regional level has further picked up in 2021:

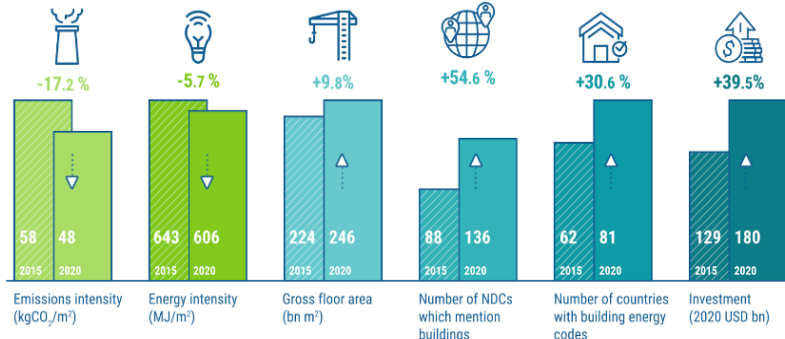
- The United Arab Emirates announced launching a sub-regional building decarbonization roadmap for Arab States, following the GlobalABC model.
- The Buildings-NDC roadmap in Vietnam is about to be finalised: The Programme for Energy Efficiency in Buildings (PEEB) is supporting the Ministry of Construction (MoC) on a buildings roadmap linked to the country's Nationally Determined Contribution (NDC), based on the GlobalABC regional Roadmap and holistic approach
- The national building decarbonization roadmap in Cambodia, linked to the country's NDC, is ready and about to be adopted as official guideline. UNEP is working in Cambodia with the United Nations Development Programme (UNDP) and the Ministry of Land Management, Urban Planning and Construction (MLMUPC) on a national roadmap, also linked to the country's NDC and using the GlobalABC Roadmap as a model and starting point. This work takes place under the climate promise and is a result of pitch of the regional roadmaps by the Secretariat to UNDP.
- Two further roadmaps have been launched in Sri Lanka and Burkina Faso.
- GlobalABC has successfully convened different stakeholders working on building decarbonization roadmaps in a roadmaps hub, meeting once per month, to exchange and learn from one another. Overall, and including the above, over 20 sub-regional roadmap processes are underway in 10 EU countries, Colombia, Turkey, India, Indonesia, ASEAN among others.

### 3.2. Global Status Report for Buildings and Construction (Buildings-GSR)

The 2021 [2021 Global Status Report for Buildings and Construction](#) saw several new features and conceptual changes, with a further development of the Global Building Climate Tracker, an analysis of the global buildings and construction data situation, and two topical focus areas (cooling and whole life carbon) as well as one regional focus area (the EU).



Importantly, the Buildings-GSR included a 5-year review on buildings and construction trends, comparing especially the years 2015 (the year when the GlobalABC was founded, at the initiative of France), and 2020 (see figure below) As of 2020 and compared to 2015, global CO2 emissions from buildings operations fell 10%, levels not seen since 2007. This decline follows an emissions peak in 2019. However, this decline appears to be temporary as emissions pick up again with increasing economic activity. Building energy intensity has fallen by 5%, while floor area has increase by 10%. NDCs mentioning buildings and construction have increased by almost 55% compared to 2015 and energy efficiency in buildings are the second most often mentioned measure in NDCs overall. Overall, commitments, codes and investment in building efficiency have risen, but more effort is needed. The report also included and assessment of progress towards the 2050 decarbonization goal, including an outlook towards 2030 and 2050 with links to the GlobalABC regional and national roadmaps.



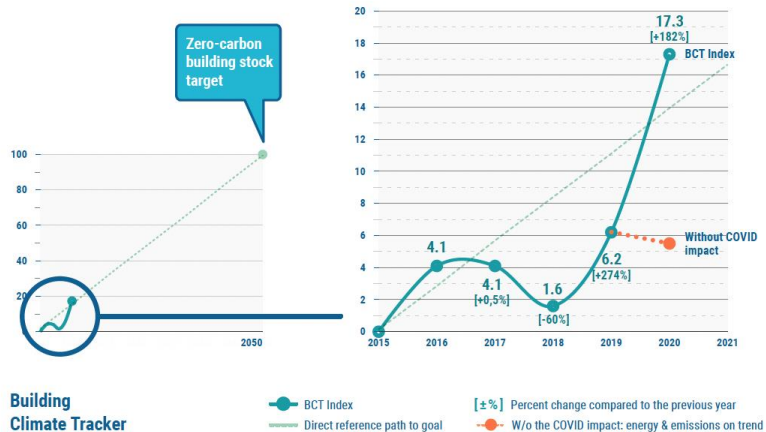
Sources: UNFCCC 2021; Buildings-GSR 2021; IEA 2021a. All rights reserved.

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

Change in global drivers of trends in buildings since Paris Agreement in 2015

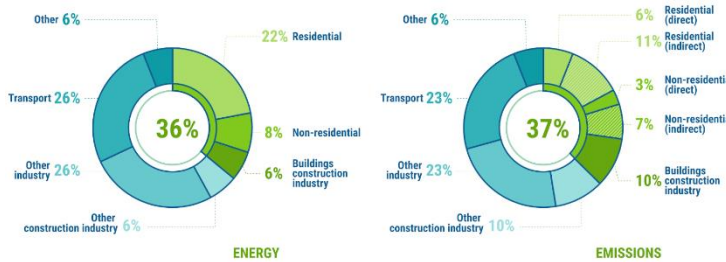
commitments, codes and investment in building efficiency have risen, but more effort is needed. The report also included and assessment of progress towards the 2050 decarbonization goal, including an outlook towards 2030 and 2050 with links to the GlobalABC regional and national roadmaps.

Noting the effect of COVID-19 on the buildings and construction sector, the Global Buildings Climate Tracker sees the sector on track towards the 2050 goal of complete decarbonization along the buildings' lifecycle if COVID-19 impacts are ignored. If impacts are calculated out as these are likely temporary in nature, the sector is far away from the goal, underlining the message that progress is being made, but is too slow (see figure above).



Source: Adapted by the Buildings Performance Institute Europe

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



Note: "Buildings construction industry" is the portion (estimated) of overall industry devoted to manufacturing building construction materials such as steel, cement and glass. Indirect emissions are emissions from power generation for electricity and commercial heat. Source: IEA 2021a. All rights reserved. Adapted from "Tracking Clean Energy Progress"

Global share of buildings and construction final energy demand and emissions, 2020

Overall, the sector accounted for 37% in global energy-related CO2 emissions, and 36% of global energy consumption (see figure on the left).

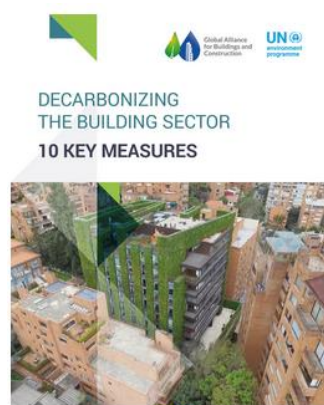
This year's Buildings-GSR was developed by the Buildings Performance Institute Europe (BPIE) together with the University College London with close involvement of the IEA, and with



several other institutions such as the Cool Coalition or the International Finance Corporation (IFC) providing sections. Overall, the Buildings-GSR had 20 co-authors, and was accompanied by a task force of 71 GlobalABC volunteers.

This year's Buildings-GSR was again accompanied by a communications and amplification toolkit which included key messages and key diagrams and infographics. The report was launched via an online press conference in the presence of high-level constituency representatives, and generated significant media interest, with over 100 press mentions, including by [Bloomberg](#) (Australia), [Forbes](#) (USA), [Europa Press](#) (Spain), [太平洋电脑网](#) (China), [Dailyhunt](#) (India), [UN Info](#) (USA), [Nature](#) (UK), [MDPI](#) (Switzerland), [The Straits Times](#) (Malaysia), [Springer](#) (Switzerland), [ReliefWeb](#) (USA), [SciTech Daily](#) (USA), [The Star Online](#) (Malaysia), [IISD](#) (Canada), [India Today](#) (India), [ScienMag](#) (UK), [Scoop Independent News](#) (New Zealand), [JD Supra](#) (USA), [Lexology](#) (UK), etc.

### 3.3. GlobalABC's Work Areas:



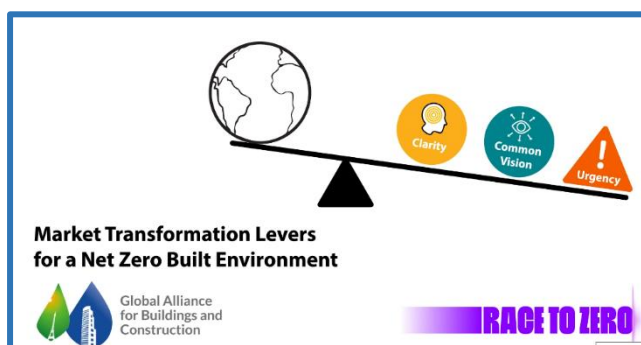
- Under WA1 (Awareness and Education), GlobalABC launched the [10 Key Measures for decarbonizing buildings](#), led and supported by the Swiss Agency for Development Cooperation (SDC). The GlobalABC is setting up Higher Education Institution Network (HEI Network), also launched at COP26, as part of Work Area 1. This new initiative aims to support the vision, mission, and work of the GlobalABC, and in particular to bring together the innovative research, teaching and engagement opportunities of HEIs.

• Under WA2 (Public Policies), subgroup adaptation, GlobalABC launched '[Buildings and Climate Change Adaptation: A Call for Action](#)', a 'green paper' coordinated by the Green Building Observatory (OID) with the support of the French Ministry of Ecological Transition, and '[Adaptation of the Building Sector to Climate Change: 10 Principles for Effective Action](#)' Supported by the French Ministry



for Ecological Transition and ADEME.

- Under WA3 (Market Transformation), GlobalABC launched the [Key Levers for Market Transformation](#), led by the World Business Council for Sustainable Development, and in collaboration with Nexial.



- Under WA4 (Finance), GlobalABC launched the [EU Taxonomy - What does it mean for buildings?](#)
- Under WA5 (Building Measurement, Data, and Information), GlobalABC launched the [Building Passport Practical Guidelines](#) in Collaboration with the Cues Foundation.
- The GlobalABC launched its Clean Heat Forum at COP26, as a cross-cutting initiative between Work Areas 2 and 3. The Clean Heat Forum is an initiative bringing together countries, regions, cities, companies and organizations seeking to advance building heating decarbonization. By reuniting public and private sector leaders, the Clean Heat Forum will fill a critical gap, enabling participants to co-create and share best practices, policies, standards, and public engagement strategies to reduce one of the largest sources of climate-disrupting air pollution.



## 4. Events



# GLASGOW, 1-12 NOVEMBER

# #BuildingsPavilion

## PROGRAMME

### FOR IN PERSON & ONLINE PARTICIPATION



Next to our 2021 Assembly, and the 2021 Buildings-GSR, the GlobalABC played a leading role in shaping buildings' presence at COP26 with the [#BuildingsPavilion](#) and the Cities, Regions, and Built Environment Day at COP26. In a shared space with the Business pavilion, the GlobalABC hosted over 30 events in the [#BuildingsPavilion](#). Including daily live coffee talks with architects, city leaders, researchers, and civil society leaders; sponsored events with over 10 CEO's from the buildings and construction sector; and multiple events with and through our members, including cities and countries from around the globe, featuring mayors, ministers, and research and civil society leaders.

The pavilion centred on the [#BuildingToCOP26](#) coalition's joint success framework and the MPGCA goals to halve buildings' emissions by 2030 and to decarbonize buildings along their lifecycle by 2050.

Each day featured a buildings topic linked to the COP26 theme of the day:

Date/Theme	Tue 2 Nov	Wed, 3 Nov	Thu, 4 Nov	Fri, 5 Nov	Sat, 6 Nov	Mon, 8 Nov	Tue, 9 Nov	Wed, 10 Nov	Thu, 11 Nov
<a href="#">COP Presidency / Marrakech Partnership</a>	World Leaders Summit	Finance	Energy	Youth & public empowerment / nature	Nature	Adaptation, Loss & damage / Resilience	Gender, Science & innovation / Industry	Transport	Cities, regions & built environment
<b>Buildings Pavilion</b>	<b>Transforming the market towards net zero buildings</b>	<b>Financing net zero buildings</b>	<b>Buildings' role enabling energy transition</b>	<b>Harnessing sustainable buildings' co-benefits</b>	<b>Building with/for nature</b>	<b>10 Principles for effective action to adapt buildings to climate change</b>	<b>The business case for circular buildings</b>	<b>Buildings enabling low carbon infrastructure</b>	<b>Deep collaboration to halve emissions by 2030</b>

### COP27 joint success framework

<p><b>CRITICAL SECTOR:</b> Established built environment as critical for climate action (mitigation and adaptation/resilience) and to BuildBackBetter (maximising job creation, healthy, equity benefits). Cities and regions recognised as critical policy enablers and market demand drivers.</p>
<p><b>ONE VOICE, ONE AMBITION:</b> Built environment community rallied around overall goal and key transformative measures &amp; asks for policymakers, finance and business.</p>
<p><b>ALL ENGAGED &amp; COMMITTED:</b> Critical mass of cities, regions, national governments and private sector actors committed to joint overall goal and measures based on their situation.</p>
<p><b>ACTION, SOLUTIONS, PATHWAYS:</b> Demonstrated best practices, solutions, and pathways to attain overall goal; showcase those who implement them; cities providing an enabling environment and demand for industry.</p>
<p><b>RADICAL COLLABORATION:</b> Demonstrated stakeholder willingness to, radically collaborate across all stakeholders, from investment &amp; ownership to design, construction &amp; operation.</p>

In addition, the GlobalABC organized or participated in the following events:

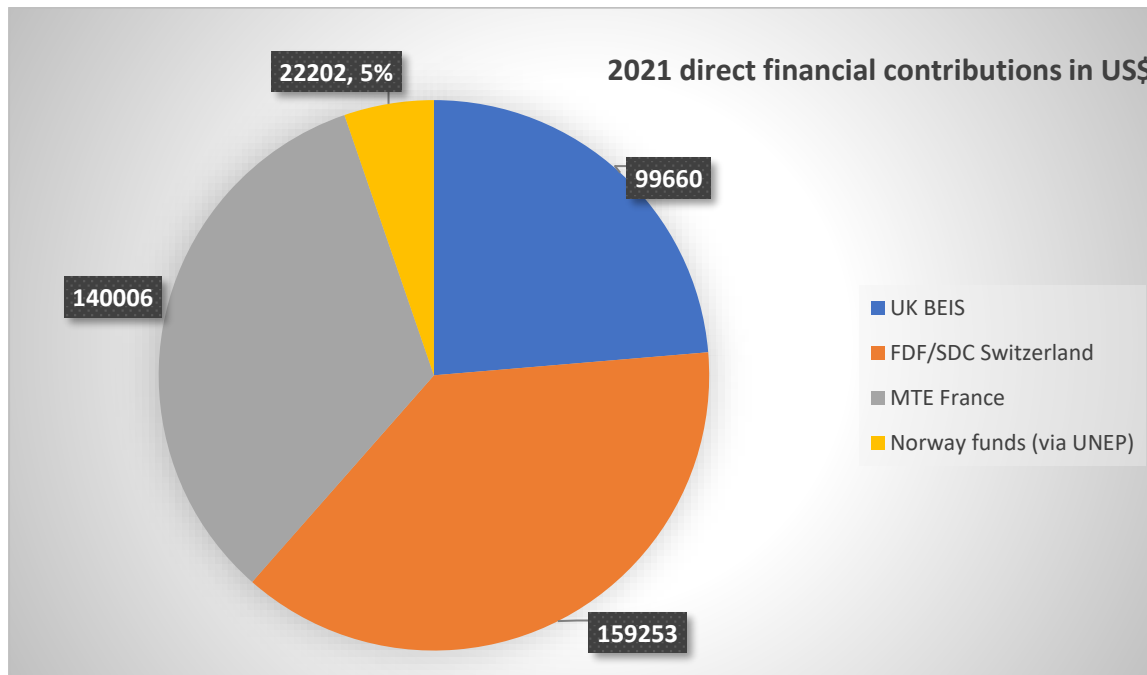
May, September, October 2021	July,	Co-leading the buildings part as part of the core sessions on 'Imagining 2050' in the Regional Climate Weeks for Latin America, Asia, and Africa.
June 2021		<b>Launch of the <a href="#">MPGCA Human Settlements Pathway Goals</a>: By 2030, the built environment should halve its emissions, whereby 100 per cent of new buildings must be net-zero carbon in operation, with widespread energy efficiency retrofit of existing assets well underway, and embodied carbon must be reduced by at least 40 per cent, with leading projects achieving at least 50 per cent reductions in embodied carbon. By 2050, at the latest, all new and existing assets must be net zero across the whole life cycle, including operational and embodied emissions.</b>
July 2021		GlobalABC launched the <a href="#">10 Key Measures for decarbonizing buildings</a> , led and supported by the Swiss Agency for Development Cooperation (SDC).
August 2021		GlobalABC provided input to the <a href="#">Summer school on life cycle approaches to sustainable building and construction</a> .
September 2021		GlobalABC also provided critical input to an exclusive interview with UNEP's Executive Director Inger Andersen by The Economist, as part of the <a href="#">Sustainability Week: Countdown to COP26: Shifting to green, sustainable construction</a> .
September 2021		Co-leading a session on Accelerating the Energy Transition as part of the High Level Dialogue on Energy (HLDE).
October 2021		The International Code Council's (ICC) Global Connection Day



## 5. Financial Contributions

### 5.1. Financial contributions in 2021

The GlobalABC received and utilized direct financial contributions from the Swiss Federal Foreign Office/Swiss Agency for Development and Cooperation (SDC), the French Ministry for Ecological Transition (MTE), the UK Department for Business, Energy and Industrial Strategy (UK BEIS), and an allocation under UNEP from Norway funds allocated to UNEP, next to many indirect and in-kind contributions. Below a break-down of direct financial contributions which **total US\$ 421,121**





## 5.2. Financial contributions & expenditures 2017-2021

Donor Country / Year	2016	2017	2018	2019	2020	2021
Norway funds	-	-	-	-	40,636.19	22,202.00
France	189,742.00	153,166.00	93,567.59	27,503.00	-	140,006.00
Germany	-	-	308,642.00	284,414.00	276,228.00	-
Switzerland	-	-	150,978.00	152,387.50	149,820.50	159,253.00
Canada	-	-	-	82,752.00	-	-
UK	-	-	-	-	-	99,660.30
<b>Total budget/year</b>	<b>189,742</b>	<b>153,166</b>	<b>553,188</b>	<b>547,057</b>	<b>466,685</b>	<b>421,121</b>
<b>TOTAL, 2015 through December 2021</b>	<b>2,330,958</b>					

Financial Summary for GlobalABC, 2015 through December 2021, Expressed in US dollars. (Source: FMO-certified annual reports to donors)

DONOR	BMW i	BMW i-2020	Canada I	Canada II	France-2016	France-2017	France-2018	France-2019	France-2020	French Convention	Swiss	UK	NFL	TOTAL
For the period:	01 December 2017 to 30 June 2021	01 January 2020 to 01 June 2021	2019 through to June 2021	2019 through to June 2021	2016-2017	2017-2018	2018-2019	11 November 2019 to 30 December 2022	10 October 2020 to 30 December 2022	01 November 2020 to 30 December 2021	01 January 2017 to 30 December 2021	01 April 2021 to 30 December 2022	2020 through June 2021	01 January 2017 to December 2021
<b>INCOME</b>														
Voluntary Contributions Pledged	593,056	276,228	45,252	37,500	189,742	153,166	93,568	27,503	81,840	58,166	612,439	99,660	62,838	2,330,958
<b>Total Income</b>	<b>593,056</b>	<b>276,228</b>	<b>45,252</b>	<b>37,500</b>	<b>189,742</b>	<b>153,166</b>	<b>93,568</b>	<b>27,503</b>	<b>81,840</b>	<b>58,166</b>	<b>612,439</b>	<b>99,660</b>	<b>62,838</b>	<b>2,330,958</b>
<b>EXPENDITURES</b>														
Staff and other personnel cost	210,385	102,853	24,150	3,695	18,900	27,475	10,141	12,500	33,994	29	391,493		25,834	861,449
Contractual Services	8,329	5,652	175		278	5,410	15,907	125	122	0	1,965			37,962
Travel	32,217	-13	5,506	27,258	42,568	51,422	20,472				40,519			219,948
Transfers and Grants	260,289	127,152	1,406		104,255	40,000	36,283		26,858	50,423	65,506	88,183	37,004	837,360
General Operating and Other Direct Costs	3,868	5,625	8,800		1,912	11,238	0		6,640		39,182			77,265
<b>Total direct expenditures</b>	<b>515,088</b>	<b>241,269</b>	<b>40,037</b>	<b>30,953</b>	<b>167,913</b>	<b>135,545</b>	<b>82,803</b>	<b>12,625</b>	<b>67,614</b>	<b>50,453</b>	<b>538,664</b>	<b>88,183</b>	<b>62,838</b>	<b>2,033,984</b>
Indirect Support Costs (United Nations)	65,365	28,782	5,205	4,024	21,829	17,621	10,764	1,641	7,819	6,559	67,933	11,464		249,005
Indirect Support Costs (Implementing Partners)	1,596	2,582		0										4,178
<b>Total indirect support costs</b>	<b>66,961</b>	<b>31,364</b>	<b>5,205</b>	<b>4,024</b>	<b>21,829</b>	<b>17,621</b>	<b>10,764</b>	<b>1,641</b>	<b>7,819</b>	<b>6,559</b>	<b>67,933</b>	<b>11,464</b>	<b>0</b>	<b>253,184</b>
<b>Total expenditures</b>	<b>582,049</b>	<b>272,633</b>	<b>45,241</b>	<b>34,976</b>	<b>189,742</b>	<b>153,166</b>	<b>93,568</b>	<b>14,266</b>	<b>75,433</b>	<b>57,012</b>	<b>606,596</b>	<b>99,647</b>	<b>62,838</b>	<b>2,287,166</b>
Net excess/(shortfall) income over expenditure	11,007	3,595	11	2,524	0	0	0	13,237	6,407	1,154	5,843	14	0	43,791
Outstanding contribution received as of December 2021	11,007	3,595	11	2,524	0	0	0	13,237	6,407	1,154	5,843	14	0	43,792
Exchange rate (loss)/gain	273	-3,394	-5	64	0	0	0	0	0	0	0	0	0	-3,062
<b>Unspent contribution balance, ending</b>	<b>11,280</b>	<b>201</b>	<b>6</b>	<b>2,588</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,237</b>	<b>6,407</b>	<b>1,154</b>	<b>5,843</b>	<b>14</b>	<b>0</b>	<b>40,730</b>
<b>AVAILABLE BALANCE at December 2021</b>	<b>11,280</b>	<b>201</b>	<b>6</b>	<b>2,588</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,237</b>	<b>6,407</b>	<b>1,154</b>	<b>5,843</b>	<b>14</b>	<b>0</b>	<b>40,730</b>

## 6. New GlobalABC Members

In 2021, the GlobalABC saw strong growth in membership. GlobalABC now counts over 215 members and welcomed: *APRUE, Building Materials Industry Technology Information Research Institute, Cambridge University, Carbon Neutral Cities Alliance, City of Sao Paulo, Climate Chance, Climate Heritage Network, Costa Rica Green Building Council, Croatia Green Building Council, Ecole des Ponts, Engineering & Geoscientists BC, EPRA, ESSEC, European Heat Pump Association, E3G, Federated Hermes, GCCA, GGGI, Government of Scotland, ILAPH, Inpera, International Code Council, International Copper Association, International WELL Building Institute, Kenya State Department of Public Works, KT-Energy, Laboratory for Energy Efficiency in Buildings, LSBU, NY Passive House, Octopus Energy Group, Prague City, Quimera Energy, RAP, Reall, RMI, Saudi Green Building Forum, Schneider Electric, Sintali, Siemens, Stellenbosch University, Sunyata Hotel, Tecnalía, UK BEIS, University of Cape Town, UCVD, US Green Building Council, Viessmann, Zero Energy Passivhaus, 2000-Watt Smart Cities Association, 26 Celsius.*

Overall, the GlobalABC now has 34 national governments; 10 public agencies; 16 local governments and related networks; 50 civil society organisations and related networks; 1 foundation; 29 Research institutions/think tanks and related networks; 15 intergovernmental agencies; and 60 private sector enterprises and related networks

## 7. The GlobalABC Secretariat

As of end of 2021, the Secretariat composition is as follows:

- Head of Secretariat (in-kind contribution by UNEP): 0.4 full-time equivalent.
- UNEP programme officer in charge of UNEP's buildings portfolio: 0.3 full-time equivalent.
- Programme Management Officer: 1 full-time equivalent – member outreach/day-to-day management.
- Communication officer support (in-kind contribution by UNEP) 0.15 full-time equivalent – communications strategy.
- Administrative support (in-kind contribution by UNEP): 0.1 full-time equivalent.

In addition, the Secretariat received specialized support for amplifying Buildings-GSR reach and messages, on event management, and on guiding the sub-regional roadmaps.

## Annex I: Excerpts from the Theory of Change

GlobalABC has selected the following policy objectives for its organization and programme of work, and wants to contribute to their realisation by 2025:

- Countries have developed and adopted long-term strategies to decarbonize their building sector by 2050 (consider focus on countries representing total of 80% of current and future built area), and report e.g., through their NDC process to the UNFCCC
- Cities and regional governments have developed targets and roadmaps for decarbonization and integrated these in their public procurement
- A significant number of private sector companies with influence over building emissions have committed to and started implementing net zero carbon strategies, including but not limited to design and construction firms, real estate companies, real estate investment companies, building owners and managers, material manufacturers

GlobalABC's Steering committee has defined four key areas of intervention which form the programme objectives for GlobalABC and its work programme. These objectives (regrouped here to combine similar tasks) are:

- **Be a global advocate** for the importance of the sector for global climate action, provide a common language for discussion among decision makers and be a catalyst for action by leading actors in the buildings and construction sector
- **Provide a neutral and trusted platform** to set targets for decarbonisation, track progress, track action and share knowledge and good practices
- **Provide key measures for countries** to adopt, helping them set priorities in their own strategies, based on their situation, e.g., using the GlobalABC regional and national roadmap process

## Annex II: The 2021 GlobalABC Work Plan as per Assembly Agreement

Note the below table may include information on uncertainties which were in place at the time of the assembly but may later have been clarified.

### Flagship events

What	Where	When	Host/(co-) organizer	Target group	Description & GlobalABC role
2021 GlobalABC Assembly	Virtual meeting	24-45 March 2021	GlobalABC Secretariat	All GlobalABC members	<p>The GlobalABC Assembly gathers all GlobalABC members and is the primary organ of the GlobalABC. Besides presenting an opportunity for information exchange and networking, it determines strategic vision, monitors progress and approves updates on Work Areas and Work Plan. This year's assembly focuses on:</p> <ul style="list-style-type: none"> <li>• Overview of key achievements and priorities in 2020</li> <li>• 2021 work plan and budget.</li> <li>• 2021 activities for Work Areas and key flagship products.</li> <li>• Discussion on the topic of market transformation towards net-zero.</li> <li>• GlobalABC engagement and presence at COP26.</li> </ul>
COP26*	Glasgow, UK <i>(format still TBC)</i>	1-12 November 2021	GlobalABC Secretariat, Marrakech Partnership on Global Climate Action (MPGCA), CCT BE team &	Buildings and construction, real estate sector stakeholders & decision makers	<p>Following the buildings crescendo in 2020, many of which coordinated by GlobalABC, including the Race to Zero Dialogue on Built Environment, the GlobalABC is part of the Built Environment core group with the Climate Champions Team and leading the buildings activities in the blue zone, as part of a Buildings and Cities day agenda. GlobalABC aims to work especially with parties on key messages and asks for transforming buildings and construction. The GlobalABC is also planning ca buildings</p>

			COP26 Task Force, BEIS		and real estate pavilion at COP, as the hub on all buildings and construction activities at COP26 and as a bridge between green and blue zone.
Regional Roundtables at <a href="#">Regional Climate Weeks</a> **	Latin America & Caribbean	11-13 May 2021	UNFCCC	All climate change stakeholders	Regional Climate Weeks are an opportunity to move forward on crucial climate action work at a national, regional and local levels, taking regional priorities into consideration
	Africa	15-18 June 2021			The GlobalABC aims to strategically link with the RCWs through thematic stream one 'national action and economy wide approaches through linking its regional roundtables and as part of the road to COP and to strengthen the buildings sector voice in the climate change debate.
	Asia Pacific:	6-9 July 2021			

\*Type and scope of engagement also depends on available resources.

\*\* TBC

### Events with Strategic Importance for Buildings and Construction

What	Where	When	Host/(co-) organizer	Target group	Description
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<a href="#">2021 Berlin Energy Transition Dialogue</a>	Berlin, Germany (Virtual)	16 March 2021	BETD	Energy sector organization, practitioners and beyond	BETD is an annual event that serves as the leading international forum for key stakeholders of the energy sector. The GlobalABC is, once again, represented in the event, giving voice to the building's sector, this year under the session 'Carbon Neutral Buildings – Waking the Sleeping Giant'
<a href="#">High Level Political Forum on Sustainable Development (HLPF)*</a>	New York, USA	6-15 July 2021	UN HQ, New York	Sustainable development stakeholders	The meeting of the high-level political forum on sustainable development in 2020 is convened under the auspices of the Economic and Social Council. The theme will be "Accelerated action and transformative pathways: realizing the decade of action and delivery for sustainable development".
<a href="#">High Level Dialogue on Energy</a>	New York, USA (virtual)	September 2021	UN HQ, New York	All energy stakeholders	This is the first global gathering on energy under the auspices of the General Assembly. It presents a historic opportunity to provide transformational action in the first years of the SDG Decade of Action and support the implementation of the Paris Agreement. The overarching goal of the High-level Dialogue on Energy is to promote the implementation of the energy-related goals and targets of the 2030 Agenda for Sustainable Development. The GlobalABC is pushing for a buildings agenda under the Energy Transition group where UNEP is co-lead.
<b>Built Environment Summit</b>	London, UK (virtual)	27-29 October 2021	RIBA, Architecture 2030, Architects	Built Environment stakeholders	Architecture2030 has invited GlobalABC to be a convenor to the Built Environment Summit Taking place 27-29 October 2021 and building the momentum to COP26. The event is hosted by the Royal Institute of British Architects, with Architecture 2030 and Architects Declare



			Declares, GlobalABC and AIA (convening partners)		as co-hosts. The live event will be webcast to a worldwide audience and will discuss the built environment’s contribution to achieving zero global carbon emissions by 2040 is critical.
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\*Participation depends on available resources.

## Flagship Products & Milestones

What	Where	When	(Co-) lead(s)	Target group	Description
GlobalABC Regional Roadmaps coordination hub	-	Throughout 2021	IEA, WorldGBC, WRI, PEEB, C40, UNECE, MTE France, Danish Energy Agency, WBCSD	Organizations working in roadmap development	Launched in early 2021, the GlobalABC is convening the hub for coordinating roadmap development for the buildings and construction sector. The goal is to map all roadmap activities, offering a platform for peer-to-peer exchange, identifying synergies and opportunities for collaboration, and potentially pooling resources to cascade them into further countries/ regions.
Regional Roadmaps continued dissemination and use	At key events; with GlobalABC member countries	Throughout 2021	IEA, WorldGBC, PEEB	National governments in given regions, all GlobalABC members	Launched in 2020, the regional roadmaps are very stakeholder-driven products built on input from over 700 regional experts. They outline regional priorities, key actions, data gaps, and ambition gaps across Africa, Asia, and Latin America.

					As a GlobalABC flagship product, it is critical to continue the work in disseminating these documents and cascade them into sub-regional, national and local levels.
Vietnam NDC Roadmap for Buildings and Construction	TBC	Q2 2021	PEEB	Vietnamese buildings and construction sector key stakeholders	Developed over the past year, the Vietnam NDC Roadmap will be launched as a living document ready to support the pathway of decarbonization for Vietnam. The critical next steps are incorporating the actions in the roadmap into national policies and implementing the vision set by the document.
Cambodia NDC Roadmap for Buildings and Construction	TBC	Q2 2021	UNEP, UNDP Cambodia	Cambodian buildings and construction sector key stakeholders	<p>Developed over the past year, the Cambodia NDC Roadmap will be launched as a living document ready to support the pathway of decarbonization for Cambodia.</p> <p>The critical next steps are mobilizing the stakeholders in forming a national alliance that can serve as the implementation backbone for the Cambodia Roadmap.</p>
2021 Buildings Global Status Report	In-depth pre-launch plus possibly at	Oct/Nov/2021	Lead authors/contributors; all GlobalABC members	Buildings & construction community	As a reference document for the global community in the buildings and construction sector, the Buildings-GSR provides an annual overview of climate action in this sector, tracking progress towards decarbonization and bringing case studies and best practices from around the world. With great media coverage and pick-up by industry, the 2021 edition will be developed with a view for a launch

	COP26 (TBC)				during COP26. Different formats of the 2021 Buildings-GSR are under consideration, in light of the available resources.
10 key measures for decarbonizing buildings	TBC	June 2021	Switzerland, WA1 co-leads & Secretariat	Policy makers	The tool is a starting point and inspiration on how to decarbonise the building and construction sector; an entry-resource to some of the more technical GlobalABC tools and resources e.g., the Global and Regional Roadmaps
Practical Guidelines for a Buildings Passport	TBC	TBC	WA5 co-leads with support of Secretariat	GlobalABC members and Buildings and construction stakeholders	The practical guidelines for building passports serve as tool for capturing, administering and managing building related data and information across the whole life cycle is now seen by policy makers and market participants alike as a way of overcoming current data gaps and data barriers.

\*Development depends on available resources.

## Work Areas

*(To be further updated by Work Areas)*

What	Where	When	(Co-) lead(s)	Primary target group	Description/output
WA1 Awareness & Education	N/A	Throughout 2021	WA1 co-leads	GlobalABC members and buildings &	<ul style="list-style-type: none"> <li>“10 key measures for decarbonizing buildings”</li> <li>Training and database mapping</li> </ul>

				construction community	
WA2 Public Policies ( <i>including sub-work streams adaption &amp; resilience and local governments</i> )	N/A	Throughout 2021	WA2 co-leads	GlobalABC members & policy makers	<ul style="list-style-type: none"> <li>• 2021 Global Status Report</li> <li>• Cascading regional roadmaps</li> <li>• Adaptation work stream</li> <li>• Local governments work stream</li> </ul>
WA3 Market Transformation	N/A	Throughout 2021	WA3 co-leads	GlobalABC members & private sector entities	<ul style="list-style-type: none"> <li>• Science-based targets work</li> </ul>
WA4 Finance	N/A	Throughout 2021	WA4 co-leads	GlobalABC members, finance institutions & policy makers	<ul style="list-style-type: none"> <li>• EU taxonomy relevance for GlobalABC members and beyond</li> </ul>
WA5 Building Measurement, Data, and Information	N/A	Throughout 2021	WA5 co-leads	GlobalABC members & institutions working on data	<ul style="list-style-type: none"> <li>• Building passport</li> </ul>

## Annex III: 2021 Global Status Report for Buildings and Construction

### Press Clippings

The 2021 Global Status Report for Buildings and Construction was launched via an [online press conference](#) and generated significant media interest, with over 100 press mentions, including by [Bloomberg](#) (Australia), [Forbes](#) (USA), [Europa Press](#) (Spain), [太平洋电脑网](#) (China), [Dailyhunt](#) (India), [UN Info](#) (USA), [Nature](#) (UK), [MDPI](#) (Switzerland), [The Straits Times](#) (Malaysia), [Springer](#) (Switzerland), [ReliefWeb](#) (USA), [SciTech Daily](#) (USA), [The Star Online](#) (Malaysia), [IISD](#) (Canada), [India Today](#) (India), [ScienMag](#) (UK), [Scoop Independent News](#) (New Zealand), [JD Supra](#) (USA), [Lexology](#) (UK), etc.

### Key Messages from the 2021 Buildings-GSR

- Looking ahead, the challenges to reaching a net zero, energy-efficient and resilient buildings and construction sector are considerable but achievable:
  - According to the IEA, to be on track to achieving a goal of net-zero emissions by 2050, direct building CO<sub>2</sub> emissions would need to **decrease by 50 per cent**.
  - Indirect building sector emissions will have to drop through a **reduction of 60 per cent** in power generation emissions.
- The buildings and construction sector, as a major source of greenhouse gas emissions, must urgently be decarbonized through a triple strategy: **Reducing energy demand, decarbonizing the power supply, and addressing embodied carbon stored in building materials**, if we are to have any chance of meeting the Paris Agreement goal of limiting global warming to 1.5°C

#### 1) Covid-19

- Pandemic causes temporary dip in building emissions, but long-term outlook bleak. The lack of real transformation in the sector means that **emissions will keep rising** and contribute to dangerous climate change.
- The COVID-19 pandemic had major impacts on the global buildings and construction sector. Its impacts resulted in global CO<sub>2</sub> emissions from buildings operations falling by 10% between 2019 and 2020. But **emissions and energy use are expected to pick up again** with increasing economic activity.
- The buildings and construction sector played a **critical role in pandemic recovery plans**: Around 14 percent of total recovery funds are focused on buildings improvements and elements of these initiatives will have a beneficial impact on decarbonizing the sector, but again these efforts are insufficient for a sectoral transformation.

#### 2) NDCs

- Visible progress over the past five years: **18 more countries have adopted building energy codes** and the number of countries with buildings actions included in their NDCs has **risen from 90 to 136**. Energy efficiency and energy codes in buildings are the **second most frequently cited actions** within all Nationally Determined Contributions, alongside resilience, renovation and retrofitting measures.

#### 3) Buildings Climate Tracker (BCT)

- Yet, the GlobalABC's Global Buildings Climate Tracker demonstrates that despite improvements in energy

investment and power decarbonization, **these efforts are insufficient**, both in terms of speed and scale to achieve the deep sectoral transformation that is needed: Two thirds of countries where most of the new construction will take place still lack mandatory buildings codes. Too small share of finance goes into deep energy retrofits. Building materials are under-addressed and there is a lack of ambitious decarbonization targets in NDCs.

#### 4) Energy efficiency

- Global investment in the energy efficiency of buildings increased an unprecedented 11 per cent yet limited to few countries and dominated by EU investments. The flow of finance to this area continues to accelerate but is still too small a fraction for transformational change.

#### 5) Cooling

- **Energy use for space cooling is skyrocketing.** This is a particular concern - both from energy-related and refrigerant emissions, but also its crippling effect on vulnerable power systems during ever more frequent extreme heat waves.
- A resilient and sustainable built environment will rely on policymakers and industry delivering integrated approaches to cooling that **avoid demand** through building design and urban planning, improve equipment efficiency, shift to renewables and district cooling and **protect vulnerable populations**.



## Annex IV: The GlobalABC Steering Committee

### National governments (in alphabetical order):

- Canada – Natural Resources Canada (NRCan). *Jerome Bilodeau, Katie Hicks*. Ottawa, Canada.
- French Republic - Ministry of Ecological and Inclusive Transition (MTES) – **co-chair**. *Yves-Laurent Sapoval, Régis Meyer*. Paris, French Republic.
- Kingdom of Morocco - Ministry of National Territory Planning, Land Planning, Housing and City Policy (MATNUHPV). *Majida El Ouardirhi, Soraya Khalil, Ilyas Essabai*. Rabat, Kingdom of Morocco.
- Swiss Confederation - Swiss Agency for Development and Cooperation (SDC). *Andre Mueller*. Bern, Swiss Confederation.
- Ukraine - State Agency on Energy Efficiency and Energy Saving (SAEE). *Vladislav Putintsev*. Kiev, Ukraine.

**Local governments and related networks:** ICLEI-Local Governments for Sustainability. *Giorgia Rambelli*. Brussels, Kingdom of Belgium.

### Civil society, think tanks, and related networks (in alphabetical order):

- Building Performance Institute Europe (BPIE). *Oliver Rapf*. Brussels, Kingdom of Belgium.
- China Academy of Building Research (CABR). *Qingqin Wang, Maolin Liu*. Beijing, People's Republic of China.
- World Green Building Council (WorldGBC). *Cristina Gamboa, Audrey Nugent*. London, United Kingdom.

**Private sector enterprises and related networks:** LafargeHolcim. *Cedric De Meeûs*. Swiss Confederation.

**Intergovernmental organizations:** International Energy Agency (IEA). *Thibaut Abergel*. Paris, French Republic.

### Work Areas:

1. World Resources Institute (WRI). *Clay Nesler*. Washington, DC, United States of America (USA).
2. German Federal Ministry for the Environment (BMU)/dena. *Vera Rodenhoff, Hermann Amecke, Isabel Geppert, Ludwig Labuzinski (dena)*. Berlin, Federal Republic of Germany.
3. World Business Council for Sustainable Development (WBCSD) – **co-chair**. *Roland Hunziker*. Geneva, Switzerland.
4. Programme for Energy Efficiency in Buildings (PEEB)/GiZ. *Christiana Hageneder*. Paris, French Republic.
5. CUES Foundation. *York Ostermeyer*. The Netherlands.

**UN Environment Programme as GlobalABC Secretariat host, including consultants.** *Martina Otto, Joo Ha, Nora Steurer*. Paris, France.

### Co-chairs:

1. **French Republic - Ministry of Ecological and Inclusive Transition (MTES)**, *Yves-Laurent Sapoval, Régis Meyer*. Paris, France
2. **World Business Council for Sustainable Development (WBCSD)**, *Roland Hunziker*. Geneva, Switzerland.

## Annex V: 2019 Results Framework

### I. Catalysing action

### II.

Goals	Milestones	Outputs	Performance & impact Indicators	2017-2021 results
Goal 1: Increased member / stakeholder climate commitments and action in buildings and construction	M1: Develop NDC guidance for buildings and foster uptake and progress (strategies, action plans; policies; building codes; labelling schemes; sustainable buildings reflected in procurement procedures).	NDC guide	<ul style="list-style-type: none"> <li>NDC guide developed: Yes/no. <b>Internal, performance indicator.</b></li> <li># and geographic diversity of NDC guide downloads: At least 1000 downloads. <b>External, impact indicator.</b></li> <li># of new or improved NDCs relating to buildings and construction (members and non-members). <b>External, impact indicator.</b></li> </ul>	<ul style="list-style-type: none"> <li>NDC guide developed: Yes</li> <li>Overall ca. 40,000 downloads of all flagship products. 1067 downloads of NDC guide.</li> <li>136 countries mentioning buildings in NDCs, an increase of 44% compared to 2015. 10 additional countries have mentioned buildings in their NDCs since October 2021.</li> </ul>
	M2: Increase awareness and support for the Global Roadmap and the Regional Roadmaps.	Updated Global Roadmap & development of Regional Roadmaps	<ul style="list-style-type: none"> <li>Global Roadmap updated: Yes/no. <b>Internal, performance indicator.</b></li> <li>Regional Roadmaps developed: Yes/no. <b>Internal, performance indicator.</b></li> <li># Regional Roadmap downloads: At least 500 downloads. <b>External, impact indicator.</b></li> <li># of policy processes started/underway/ongoing considering the Global</li> </ul>	<ul style="list-style-type: none"> <li>Global Roadmap updated: Yes</li> <li>Regional Roadmaps developed: Yes</li> <li>Overall ca. 40,000 downloads of all flagship products. 9,900 downloads of roadmaps.</li> <li>Sub-regional or national roadmap processes ongoing or about to start in 30 countries, with national/local authority involvement.</li> </ul>

			Roadmap. <b>External, impact indicator.</b>	
	M3: Additional local/national alliances launched which bring together government representatives and stakeholders across the buildings and construction sector.	Local/national alliance launched	# of local/national alliances underway/ launched: At least one national alliance per year. <b>External, impact indicator, Work Area 2.</b>	Three national alliances in place in Mexico, Morocco, and Tunisia; national alliance process underway as part of the national building decarbonization roadmap in Cambodia.
	M4: Increased commitments and target setting from public and private sector organizations (e.g., Science Based Target (SBT), Net Zero Carbon Buildings, RE100, Global Call for Low-carbon, Energy-efficient and Resilient Buildings).	Develop/ endorse/ communicate commitments	# of new commitments and new signatories to existing commitments. <b>External, impact indicator, Work Area 2 and 3.</b>	<ul style="list-style-type: none"> <li>• Overall, 12 countries part of under three commitments: Global Call as part of the Clean Energy Ministerial (2018); UN Secretary General Summit Zero Carbon Buildings for all (2019)  Buildings as Critical Climate Solution (2021).</li> <li>• 129 Businesses &amp; Organisations, 28 Cities, 6 regions are signatories to the WorldGBC Net Zero Carbon Commitment.</li> <li>• Over 200 construction companies signed on the Science Based Targets (SBT).</li> <li>• 151 architects, 90 construction companies, and 250 signed on to the Race to Zero.</li> </ul>
<b>Goal 2: Common data framework</b>	M1: Develop common framework for critical data management along the buildings and construction value chain (e.g., building passport).	Common data framework developed	Yes/no <b>Internal, performance indicator, Work Areas 3 and 5.</b>	Yes: Building passport guidelines established; pilot project underway under WA5.

<p><b>Goal 3: Increased engagement of the finance and investor community</b></p>	<p>M1: Finance and investor engagement strategy developed.</p>	<p>Finance and investor engagement strategy developed</p>	<p>Yes/no. <b>Internal, performance indicator, Work Area 4</b></p>	<p>Yes: WA4 developed strategy for finance options from Development Banks; and guidance regarding the EU Taxonomy.</p>
	<p>M2: Contact group on key buildings and construction financial institutions (e.g., development banks) developed, with Work Area 4.</p>	<p>Contact group developed</p>	<p>Yes/no. At least 5 positive responses from financial institutions. <b>Internal, performance indicator, Work Area 4.</b></p>	<p>Partially: IFC, AFD, World Bank,/ESMAP, GEF, UNEP Finance Initiative (UNEP FI) are members</p>
	<p>M3: Reliable information on costs and benefits/impact of investing in energy efficiency and low-carbon energy in buildings made available.</p>	<p>Cost/impact study developed</p>	<p>Yes/no &amp; measure progress towards. <b>Internal, performance indicator, Work Areas 2 and 4.</b></p>	<p>Yes: Cost impact study developed. Energy efficiency investment and other key indicators tracked in the Global Status Report for Buildings and Construction.</p>
<p><b>Goal 4: Increased peer-to-peer learning / exchange of experience / sharing knowledge and tools</b></p>	<p>M1: Regional Roundtables held.</p>	<p>Summaries &amp; next steps</p>	<ul style="list-style-type: none"> <li>Two Regional Roundtables held per year: Yes/no. <b>internal, performance indicator, Work Area 2.</b></li> <li># of participants at Regional Roundtables: At least 15 participants per Regional Roundtable. <b>External, impact indicator.</b></li> </ul>	<ul style="list-style-type: none"> <li>Yes, but paused due to COVID-19.</li> <li>2019 roundtable for Sub-Sahara Africa: 22 participants.</li> <li>2019 Roundtable for Asia-Pacific: 44 participants.</li> </ul>

	M2: Technical workshops held.	Summaries & next steps	One technical workshop held per year: Yes/no. <b>Internal, performance indicator.</b>	2019: November dialogues; 2x regional roundtables; Climate Chance Summit in Ivory Coast  2020: High Level Dialogue on Energy, International Code Council, NDC webinars  2021: MPGCA-related events COP26; market transformation workshops
	M3: Technical expert network developed.	Technical expert network on website	Yes/no & measure progress towards. <b>Internal, performance indicator, Work Area 1.</b>	Partially: Work Area co-chairs online; technical experts accessible via Secretariat.

## II. Outreach and advocacy

Goals	Milestones	Outputs	Performance & impact Indicators	2017-2021 results
<b>Goal 1: Increased visibility of the GlobalABC, its Work Areas and flagship products in the media and the buildings and construction sector generally.</b>	M1: Key audiences identified, and messages developed.	Key messages developed	Yes/no. <b>Internal, performance indicator,</b>	Yes. Key messages outlined and made visible through headlines in annual Buildings-GSR.
	M2: Communications strategy developed & implemented.	Communications strategy developed	Developed: Yes/no. <b>Internal, performance indicator.</b>  Progress towards implementation: # of target activities implemented. <b>Internal, performance indicator.</b>	Yes. Communications strategy developed in 2019. Branding guide in place. Target activities: Key messages in place, new website in place, social media presence in place; short video in place; newsletter in place.

	<p>M3: Media package available on website.</p>	<p>Media package developed and on website</p>	<p>Yes/no. <b>Internal, performance indicator.</b></p>	<p>Yes: media package and existing press releases on website: <a href="https://globalabc.org/media-global-advocacy/media-packages">https://globalabc.org/media-global-advocacy/media-packages</a></p>
	<p>M4: Media uptake of key products and key messages.</p>	<p>Media uptake of key products and messages</p>	<p># of downloads and reflections of key messages in media. <b>Internal, performance indicator.</b></p>	<p>Overall, over 40,000 downloads of flagship products via UNEP and GlobalABC websites. Media references in over 100 outlets, including: <a href="#">Thomson Reuters</a>, <a href="#">BBC World Service Radio</a>, <a href="#">The New York Times</a>, <a href="#">World Economic Forum</a>, <a href="#">Daily Mail (UK)</a>, <a href="#">Express (UK)</a>, <a href="#">Der Spiegel (Germany)</a>, <a href="#">Science.ORF (Austria)</a>, <a href="#">Deutsche Presse Agentur (via Handelsblatt, Germany)</a>, <a href="#">JoongAng Ilbo (South Korea)</a> <a href="#">The Verge (USA)</a>, <a href="#">Gizmodo (USA)</a>, <a href="#">MSN (Singapore)</a>, <a href="#">Euractiv (Belgium)</a>, <a href="#">Scientias (Netherlands)</a>, <a href="#">Replicario (Brazil)</a>, <a href="#">Environment Magazine (France)</a>, <a href="#">Repubblica (Italy)</a>, <a href="#">NTV (Turkey)</a>, <a href="#">Die Presse (Austria)</a>, <a href="#">Global Times (China)</a>, <a href="#">Down to Earth</a>, <a href="#">Il Piccolo (Italy)</a>, <a href="#">eldyar (Egypt)</a>, <a href="#">Economic Times (India)</a>, <a href="#">People's Daily (China)</a>, <a href="#">Climate Control News (Australia)</a>, <a href="#">Agencia EFE (Spain)</a>, <a href="#">IndoAsia News Service (India)</a>, <a href="#">Middle East North Africa Financial Network (Jordan)</a>, <a href="#">SERVIMEDIA (Spain)</a>, <a href="#">Courthouse News Service (USA)</a>, <a href="#">Bloomberg (Australia)</a>, <a href="#">Forbes (USA)</a> <a href="#">Europa Press (Spain)</a>, <a href="#">太平洋电脑网 (China)</a>, <a href="#">Dailyhunt (India)</a>, <a href="#">UN Info (USA)</a>, <a href="#">Nature (UK)</a>, <a href="#">MDPI (Switzerland)</a>, <a href="#">The Straits Times (Malaysia)</a>, <a href="#">Springer (Switzerland)</a>, <a href="#">ReliefWeb (USA)</a>, <a href="#">SciTech Daily (USA)</a>, <a href="#">The Star Online (Malaysia)</a>, <a href="#">IISD (Canada)</a>, <a href="#">India Today (India)</a>, <a href="#">ScienMag (UK)</a>, <a href="#">Scoop Independent News (New Zealand)</a>, <a href="#">JD Supra (USA)</a>, <a href="#">Lexology (UK)</a>, etc.</p>

	<p>M5: Dissemination GlobalABC documents (Global Status Report, Roadmap, etc.) and results.</p>	<p>GlobalABC documents on website and shared through all communication channels</p>	<p>GlobalABC documents on website: Yes/no; # and geographic diversity of downloads: At least 1000 downloads of Global Status Report &amp; Global Roadmap. <b>Internal, performance indicator, Work Area 1.</b></p>	<ul style="list-style-type: none"> <li>• All flagship documents on website</li> <li>• Over 40,000 downloads via UNEP and GlobalABC websites</li> <li>• Global and regional roadmaps: 9,900 downloads</li> <li>• Global Status Report for Buildings and Construction: Over 40,000 downloads overall, ca. 20,000 downloads on UNEP website; 22,379 downloads on GlobalABC website</li> </ul>
<p><b>Goal 2: Increased visibility of the building and construction sector, the GlobalABC, its work areas and Flagship products in major international events and especially the Climate Conference of the Parties (COPs).</b></p>	<p>M1: Buildings Day at COPs held.</p>	<p>Buildings Day</p>	<p>Event held: Yes/no; # of participants: At least 100 participants. <b>Internal, performance indicator.</b></p>	<p>Yes: COP26 Cities, Regions, and Built Environment Day held, with several thousand participants for multiple high level events, in addition to a buildings pavilion.</p>
	<p>M2: Participation in key events on climate change, urban issues, real-estate, and buildings and construction.</p>	<p>Participation in key events</p>	<ul style="list-style-type: none"> <li>• # of key events with GlobalABC participation. <b>Internal, performance indicator.</b></li> <li>• # of participants reached. <b>External, impact indicator.</b></li> </ul>	<ul style="list-style-type: none"> <li>• GlobalABC participation in several high profile events: World Urban Forum, Berlin Energy Transition Dialogue, COP, Regional Climate Weeks, Marrakech partnership for Global Climate Action Events, November Dialogues, and many others.</li> <li>• Several thousand participants reached.</li> </ul>
<p><b>Goal 3: Increased visibility of members' activities</b></p>	<p>M1: Good practices &amp; member activities shared through network of GlobalABC members and GlobalABC events/events in which the GlobalABC participates.</p>	<p>Good practices shared</p>	<p># of good practices/member activities shared. <b>Internal, performance indicator, Work Area 1.</b></p>	<p>Overall hundreds of member solutions and activities shared via newsletters and website (dedicated spaces for members), assembly, and flagship products, see e.g., <a href="https://globalabc.org/news-and-events/news-and-stories">https://globalabc.org/news-and-events/news-and-stories</a></p>

	M2: Full year calendar with members activities disseminated.	Full year calendar in place	Yes/no. <b>Internal, performance indicator.</b>	Yes: Calendar in place on website: <a href="https://globalabc.org/events">https://globalabc.org/events</a>
<b>Goal 4: Continuous involvement reinvigoration of new and existing members, especially major developing countries and other key buildings and construction sector players.</b>	M1: Member engagement strategy developed (including roles and responsibilities).	Member engagement strategy developed	Yes/no. <b>Internal, performance indicator.</b>	
	M2: Recruitment document ('benefits from joining') developed.	Recruitment document developed	Yes/no; # of new country and other members joining the GlobalABC: At least 2 new members among which at least 1 new country member. <b>Internal, performance indicator.</b>	Yes, as part of resource mobilization strategy. 215 members in 2021 compared to 79 in 2015. New country members: Peru, Croatia, Kenya, Algeria.
	M3: Member space actively used.	Use of member space	<ul style="list-style-type: none"> <li># of members registered. <b>Internal, performance indicator.</b></li> <li># of GlobalABC documents uploaded. <b>Internal, performance indicator.</b></li> </ul>	<ul style="list-style-type: none"> <li>60 Members registered</li> <li>74 documents uploaded</li> </ul>
	M4: Members promulgate GlobalABC key messages and products.	Key message promulgation	# of members promulgating GlobalABC key messages. <b>External, impact indicator, Work Area 1.</b>	Review finds that members show high provide and usages of the Buildings-GSR to promulgate key messages and make the case for buildings with policy makers. Exact tracking not currently available.
	M5: Members link to GlobalABC website on own website / communications products.	GlobalABC website link	# of members linking to the GlobalABC website. <b>External, performance indicator.</b>	Not currently tracked.



### III. GlobalABC resource mobilization

Goals	Milestones	Outputs	Performance & impact Indicators	2017-2021 results
<b>Goal 1: Reliable funding base for the GlobalABC developed</b>	M1: Fundraising strategy developed.	Fundraising strategy developed	Yes/no. <b>Internal, performance indicator.</b>	Yes: Resource mobilization strategy in place.
	M2: GlobalABC donors further diversified.	Donor diversification	# of GlobalABC donors. <b>Internal, performance indicator.</b>	Yes: 5 donors in place with a 6 <sup>th</sup> one under development, an increase of 1 donor in 2015. Multiple in-kind contributions from members, e.g., in the form of hosting an event.

### IV. Keeping the buildings and construction sector under review

Goals	Milestones	Outputs	Performance & impact Indicators	2017-2021 results
<b>Goal 1: Tracking progress</b>	M1: Global Status Report developed; launched; spread and picked-up widely.	Annual GSR	<ul style="list-style-type: none"> <li>GSR developed/launched: Yes/no. <b>Internal, performance indicator.</b></li> <li># and geographic diversity of GSR downloads: At least 1000 downloads. <b>External, impact indicator.</b></li> </ul>	<ul style="list-style-type: none"> <li>Yes: Annual Global Status Report launched since 2016.</li> <li>Over 40,000 downloads overall, ca. 20,000 downloads on UNEP website; 22,379 downloads on GlobalABC website, depending on the year ca. 30-40% from Europe; Other downloads</li> </ul>

				from USA, Brazil, India, Japan, Mexico, Australia
	M2: GlobalABC/IEA database on policies and good practices developed.	Database	<ul style="list-style-type: none"> <li>GlobalABC/IEA database developed: Yes/no. <b>Internal, performance indicator.</b></li> <li># of policies and good practices uploaded onto database. <b>Internal, performance indicator.</b></li> </ul>	Yes: IEA databased in place, but updates and/or stronger links required.

## Annex VI: All GlobalABC members

The GlobalABC gathers 215 members, among which are 34 national governments, and over 170 non-state organizations:

Country name / abbreviation	Institution / full name
<b>National governments (34)</b>	
People's Democratic Republic of Algeria	Agence Nationale pour la Promotion et la Rationalisation de l'Utilisation de l'Énergie (APRUE)
Argentine Republic	Ministry of Environment and Sustainable Development
Republic of Armenia	Ministry of Urban Development
Republic of Austria	Federal Ministry of Agriculture, Forestry, Environment and Water Management
Federative Republic of Brazil	Ministry of the Environment
Republic of Cameroon	Ministry of Housing and Urban Development
Canada	Natural Resources Canada
Republic of Chile	Ministry of Housing and Urban Planning
Croatia	Croatian Government Real Estate Agency
Cote D'Ivoire	Ministry of Health, Environment and Sustainable Development/Ministre de la Salubrité, de l'Environnement et du Développement Durable (MINSIEDD)
Cyprus	Cyprus department of public works
Republic of Djibouti	Agence Djiboutienne pour la Maîtrise d'Énergie (ADME) / Djiboutian Agency for Energy Management
Republic of Finland	Ministry of the Environment
French Republic	Ministry of Ecological Transition (METS) & Ministry of Territorial Cohesion (MCT)
Federal Republic of Germany	Federal Ministry for the Environment and Nuclear Safety
Japan	Ministry of Land, Infrastructure, Transport and Tourism
Hashemite Kingdom of Jordan	Ministry of Energy and Mineral resources MEMR – Jordan Renewable Energy and Energy Efficiency Fund JREEEF
Republic of Kenya	State Department for Public Works of Kenya
Mongolia	Ministry of Environment and Tourism
Kingdom of Morocco	Ministry of National Territory Planning, Land Planning, Housing and City Policy (MATNUHPV)
Kingdom of Norway	Ministry of Climate and Environment
Republic of Peru	Ministry of Housing, Construction and Sanitation
Russian Federation	Ministry of Construction, Housing, and Utilities
Republic of Senegal	Ministry of Environment and Sustainable Development

Republic of Singapore	Building and Construction Authority
Kingdom of Sweden	Ministry of Enterprise and Innovation, Department for Housing and Transport
Swiss Confederation	Swiss Agency for Development and Cooperation
Republic of Tunisia	Ministry of Housing and Spatial Planning
Ukraine	State Agency on Energy Efficiency and Energy Saving
United Arab Emirates	Ministry of Infrastructure Development
United Kingdom	Department for Business, Energy and Industrial Strategy
United Mexican States	Secretariat of Environment and Natural Resources
United States of America	United States Department of Energy
Socialist Republic of Vietnam	Ministry of Natural Resources and Environment & Ministry of Construction
<b>Public agencies (10)</b>	
ADEME	The French Environment & Energy Management Agency
AFD	French Development Agency
Bosnia Chamber of commerce	Chamber of economy Bosnia and Hercegovina
DENA	German energy agency - Federal Ministry for Economic Affairs and Energy BMWi
Engineers and Geoscientists BC	Engineers and Geoscientists British Columbia
GIZ	German Corporation for International Cooperation GmbH
Swisscontact Peru	Swiss Foundation for Technical Cooperation
Comision Nacional de Vivienda, CONAVI	National Housing Commission (Conavi) of Mexico
Secretaría de Desarrollo Agrario, Territorial y Urbano, SEDATU	Secretariat of Agrarian, Territorial and Urban Development, SEDATU of Mexico
Sociedad Hipotecaria Federal	Federal Mortgage Society of Mexico
<b>Local governments and related networks (16)</b>	
State of California	State of California
CNCA	Carbon Neutral Cities Alliance
Dubai Land Department	Dubai Land Department
ICLEI	ICLEI - Local Governments for Sustainability
Energy Cities	Energy Cities - Local Authorities in Energy Transition
Lalitpur Metropolitan City	Lalitpur Metropolitan City, Nepal
City of Medellin	Municipality of Medellin, Colombia
Mexico City	Mexico City
Province of Ontario	Province of Ontario
Prague City	Prague City
State of Tamil Nadu	State of Tamil Nadu, India

Tokyo Metropolitan Government	Tokyo Metropolitan Government
City of Sao Paulo	City of Sao Paulo
Scottish Government	Scottish Government
City of Vancouver	City of Vancouver
Capital City of Warsaw	Capital City of Warsaw
<b>Civil society organisations and related networks (50)</b>	
10YFP SBC	The Sustainable Buildings and Construction Programme of the One Planet Network <sup>2</sup>
ACE	Architects' Council of Europe
ALENER	Alliance for Energy Efficiency (Mexico)
Architecture 2030	Architecture 2030
ARPEDAC	Association pour la Recherche et la Promotion de l'Energie Durable en Afrique Centrale
AVN	Nubian Vault Association / La Voute Nubienne
BIM Africa	BIM Africa
Build Change	Build Change
CAI	Centro Argentino de Ingenieros (Argentine Center of Engineers)
CAA	Commonwealth Association of Architects
Chile GBC	Chile Green Building Council
Climate Chance Association	Climate Chance Association
Climate-KIC	Climate-KIC
Construction21	Construction21
CTCN	Climate Technology Centre and Network
Croatia GBC	Croatia Green Building Council
DGNB	German Sustainable Building Council
ECREEE	ECOWAS Centre for Renewable Energy and Energy Efficiency
ENERGIES 2050	ENERGIES 2050
E3G	E3G
FFB	Federation Française du Bâtiment
Fibrenergie	Fibrenergie
GFHS	Global Forum on Human Settlements
GBCI	Green Business certification Washington DC

<sup>2</sup>The One Planet Network is the network of the 10 Year Framework of Programmes on Sustainable Consumption and Production Patterns (10YFP)

Global District Energy in Cities Initiative	Global District Energy in Cities Initiative
Housing Europe	Housing Europe
HUDCO	Housing and Urban Development Corporation Ltd. (A Government of India Enterprise)
iiSBE	International Initiative for a Sustainable Built Environment
INTA	International Urban Development Association
IPHA	International Passive House Association
ICP	Investor Confidence Project
NEEF	National Ecology and Environment Foundation (NEEF)
OID	Observatoire de l'Immobilier Durable
Plan Bâtiment Durable	Plan Bâtiment Durable
R20 Regions of Climate Action	R20 Regions of Climate Action
REN21	REN21
Renovate Europe	Renovate Europe
RHF	Réseau Habitat et Francophonie
RIBA	Royal Institute of British Architects
RMI	Rocky Mountain Institute
SGBF	Saudi Green Building Forum
SEforALL	Sustainable Energy for All
SWITCH-Asia SCP Facility	SWITCH-Asia SCP Facility
TERI	The Energy and Resources Institute
The Prince of Wales's Corporate Leaders Group	The Prince of Wales's Corporate Leaders Group
UCVD	Union of Community Development Volunteers
ULI	Urban Land Institute
UIA	International Union of Architects
WorldGBC	World Green Building Council
2000-Watt Smart Cities Association	2000-Watt Smart Cities Association
<b>Foundations (1)</b>	
Solar Impulse Foundation	Solar Impulse Foundation
<b>Research institutions/think tanks and related networks (29)</b>	
BPIE	Buildings Performance Institute Europe
BMC	Building Materials Industry Technology Information Research Institution/ Building Materials Industry Technology Supervision Research Center
CABR	China Academy of building research
Climate Heritage Network	Climate Heritage Network
C2E2	Copenhagen Centre on Energy Efficiency

CRCLCL	Cooperative Research Council for Low Carbon Living
CSTB	Centre Scientifique et Technique du Bâtiment
CUES	CUES
Ecole des Ponts Paris Tech	Ecole des Ponts Paris Tech
ESSEC Business School	École supérieure des sciences économiques et commerciales, Chaire Immobilier et Développement Durable
EREI	European Real Estate Institute
GBN	The Global Building Network
GBPN	Global Buildings Performance Network
GRIHA	Griha Council India
IFPEB	Institut français pour la performance du bâtiment
ITSPM	Instituto Tecnológico Superior P'urhépecha Mexico
labEEE	Laboratory for Energy Efficiency in Buildings
LSBU	School of the Built Environment and Architecture, London South Bank University
QF	Qatar Foundation
RAP	Regulatory Assistance Project
Re-Cities	Reimagining Cities foundation
RICS	Royal Institution of Chartered Surveyors
Stellenbosch University	Stellenbosch University
UCL	University College London
University of Buenos Aires	University of Buenos Aires
University of Cape Town	Liveable Neighbourhoods, University of Cape Town
University of Cambridge	University of Cambridge
WOODRISE Alliance	Institute of technology FCBA
WRI	World Resources Institute
<b>Intergovernmental organizations/agencies (15)</b>	
EACREE	East African center of excellence for renewable Energy and efficiency
GEF	The Global Environment Facility
GGGI	Global Green Growth Institute
IEA	International Energy Agency
IFC	The International Finance Corporation
IFDD	Institut de la Francophonie pour le Développement Durable
IPEEC	International Partnership for Energy Efficiency Cooperation
IRENA	The International Renewable Energy Agency
RCREEE	Regional Centre for Renewable Energy and Energy Efficiency

SACREE	Centre for renewable energy and energy efficiency (Africa)
UN ECE	United Nations Economic Commission for Europe
UNEP	United Nations Environment Programme
UNEP FI	United Nations Environment Programme Finance Initiative
UN-Habitat	United Nations Human Settlements Programme
The World Bank ESMAP	The World Bank / Energy Sector Management Assistance Program
<b>Private sector enterprises and related networks (60)</b>	
Arquitenco	Arquitectura en Construccion (Arquitenco)
Autodesk	Autodesk
AAPIDesign	Architects Asia Pacific Incorporated
Broad Group	Broad Group
BCSD Australia	Business Council for Sustainable Development Australia
CBCS/ CCCS	Brazilian Sustainable Construction Council/ Consejo Colombiano de Construcción Sostenible
CICA	Confederation of International Contractors Association
CCC	Consolidated Contractors Company
Cluster EMC	Cluster EMC
EC&D	Energy Consulting & Development
EGS Bangkok	EGS-plan (Bangkok) Co., Ltd.
EHPA	European Heat Pump Association
EPRA	European Public Real estate Association
Danfoss	Danfoss
EuroAce	The European Alliance of Companies for Energy Efficiency in Buildings
ICC	International Code Council
IDFN Group	IDFN Group
IES	Integrated Environmental solutions
Inpera	Inpera
ILAPH	Latin American Passivhaus Institute
IWBI	International WELL Building Institute
Federated Hermes	Federated Hermes
FIDIC	International Federation of Consulting Engineers
FIEC	European Construction Industry Federation
GBC Costa Rica	Green Building Council Costa Rica
GBCSA	Green Building Council of South Africa
GBRI	Green Building Research Institute
GCCA	Global Cement and Concrete Association



Grupo ACA	Alberto Couto Alves, S.A.
Colibri S.A.S.	Colibri S.A.S.
Holcim	Holcim
International Copper Association	International Copper Association Ltd
KT-Energy	KT-Energy LLC
Majid Al Futtaim	Majid Al Futtaim
New York Passive House	New York Passive House
Octopus Energy Group	Octopus Energy Group
Passive House Canada	Passive House Canada
Quimera Energy Ltd	Quimera Energy Ltd
Reall	Reall
Rockwool	Rockwool Group
Saint-Gobain	Saint-Gobain
SE	Schneider Electric
SBA	Smart Buildings Alliance for Smart Cities
Sekisui House	Sekisui House
SETA Network	SETA Network
Siemens	Siemens Smart Infrastructure
Sintali	Sintali Limited
Suez Environment	Suez Environment
Sunyata Eco Hotel	Sunyata Hotel Private Limited
Tecnalia	Fundacion Tecnalia Research & Innovation
TNIFMC	Tamil Nadu Infrastructure Fund Management Corporation
GBCI	Green Business Certification Inc.
Thermaflex	Thermaflex International B.V
US GBC	U.S. Green Building Council
Velux	Velux
Veolia	Veolia
WBCSD	World Business Council for Sustainable Development
Viessmann	Viessmann
Zero Energy Passivehaus	Zero Energy Passivehaus
26 Celsius	26 Celsius