



Global Alliance
for Buildings and
Construction



Global Alliance for Buildings and Construction (GlobalABC) annual narrative report 2019

11 March 2020





Table of Contents

Background	6
Highlights of achievements	6
The 2019 GlobalABC assembly	8
Reporting on the GlobalABC goals, milestones, and indicators	8
I. Catalysing action.....	8
Goal 1: Increased member/stakeholder climate commitments and action in buildings and construction	8
Goal 2: Common data framework.....	10
Goal 3: Increased engagement of the finance and investor community.....	10
Goal 4: Increased peer-to-peer learning / exchange of experience / sharing knowledge and tools	11
II. Outreach and advocacy	14
Goal 1: Increased visibility of the GlobalABC, its Work Areas and flagship products in the media and the buildings and construction sector generally.....	14
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).....	16
Goal 3: Increased visibility of members’ activities	17
Goal 4: Continuous involvement and reinvigoration of new and existing members, especially major developing countries and other key buildings and construction sector players.....	17
III. GlobalABC resource mobilization	18
Goal 1: Reliable funding base for the GlobalABC developed.....	18
IV. Keeping the buildings and construction sector under review	19
Goal 1: Tracking progress.....	19
New GlobalABC members.....	20
The GlobalABC Secretariat.....	21
Annex I: GlobalABC goals, milestones, and impact and performance indicators	I
I. Catalysing action.....	I
II. Outreach and advocacy	V
III. GlobalABC resource mobilization	X
IV. Keeping the buildings and construction sector under review	XI
Annex II: The GlobalABC work plan 2019 as agreed upon by the 2019 Assembly.....	XIII
Annex III: GlobalABC communications strategy and key messages.....	XX
Communications strategy	XX
Key messages	XXII
Annex IV: Global Status Report clippings and member references.....	XXIV
Annex V: NDC updates	XXVI



Annex VI: All GlobalABC members XXVII

Annex VII: The GlobalABC Steering Committee..... XXXI





List of abbreviations

ADEME	L'Agence de l'environnement et de la maîtrise de l'énergie / French Environment & Energy Management Agency
ATBC	Alliance Tunisienne pour les Bâtiments et la Construction / Tunisian Alliance for Buildings and Construction
BEA	Building Efficiency Accelerator
BEIS	UK Department of Business, Energy & Industrial Strategy
BMU	Bundesministerium für Umwelt, Naturschutz und nukleare Sicherheit / German Federal Ministry of the Environment, Nature Conservation and Nuclear Safety
BMWi	Bundesministerium für Wirtschaft und Energie / German Federal Ministry for Economic Affairs and Energy
BPiE	Buildings Performance Institute Europe
CONAVI	Comisión Nacional de Vivienda / National Housing Commission Mexico
COP	Conference of the Parties
CREDS	Centre for Research into Energy Demand Solutions
EE Global	Energy Efficiency Global
FDFA	Eidgenössisches Departement für auswärtige Angelegenheiten / Swiss Federal Department of Foreign Affairs
FIDIC	Fédération internationale des ingénieurs-conseils / International Federation of Consulting Engineers
GBCI	Green Business Certification Inc.
GBPN	Global Buildings Performance Network
GCAS	Global Climate Action Summit
GGKP	Green Growth Knowledge Platform
GlobalABC	Global Alliance for Buildings and Construction
GSR	Global Status Report
HLPF	High-Level Political Forum
IEA	International Energy Agency
IISD	International Institute for Sustainable Development
IPEEC	International Partnership for Energy Efficiency Cooperation
LVN	La Voute Nubienne





NRCan	Natural Resources Canada
MCT	Ministère de la Cohésion des territoires et des Relations avec les collectivités territoriales / French Ministry for Territorial Cohesion
MUAT	Ministère de l'Aménagement du Territoire National, de l'Urbanisme, de l'Habitat et de la Politique de la Ville, Royaume du Maroc / Ministry of National Land Planning, Urban Planning, Housing and City Policy, Kingdom of Morocco
MPGCA	Marrakech Partnership for Global Climate Action
MRV	Measurement, Reporting, and Verification
MTES	Ministère de la Transition Ecologique et Solidaire / French Ministry for Ecological and Inclusive Transition
NDC	Nationally Determined Contribution
NGO	Non-governmental organization
OID	Observatoire de l'Immobilier Durable / Sustainable Real Estate Observatory
PEEB	Programme for Energy Efficiency in Buildings
PPP	Public-Private-Partnerships
PPT	PowerPoint Presentation
RCREEE	Regional Centre for Renewable Energy and Energy Efficiency
Re-Cities	Re-Imagining Cities
SDC	Direktion für Entwicklung und Zusammenarbeit / Swiss Agency for Development and Cooperation
SGBC	Singapore Green Building Council
SMADS	Secretariat of the Environment and Sustainable Development Argentina
ToR	Terms of References
UCLG Africa	United Cities and Local Governments of Africa
UNEP	United Nations Environment Programme
UNEP FI	United Nations Environment Programme Finance Initiative
UNFCCC	United Nations Framework Convention on Climate Change
WBCSD	World Business Council for Sustainable Development
WorldGBC	World Green Building Council
WRI	World Resources Institute
WUF	World Urban Forum







Background

Launched at COP21, the Global Alliance for Buildings and Construction (GlobalABC) is a voluntary partnership of national and local governments, inter-governmental organisations, businesses, associations, networks and think tanks committed to a common vision: *A zero-emission, efficient and resilient buildings and construction sector*. The GlobalABC functions as an umbrella or meta-platform – a network of networks – that brings together initiatives and actors focussing on the buildings and construction sector. As of end of 2019, the GlobalABC network includes 129 members, among which are 29 countries. The GlobalABC works towards a zero-emission, efficient, and resilient buildings and construction sector through:

- ✓ **Raising ambitions to meet the Paris climate goals.** While the sector is a major emitter, it also holds huge potential for improvement. We work to raise the level of ambition in retrofitting existing buildings and future-proofing the investments that we will see going into new buildings over the next 15 years.
- ✓ **Mobilizing all actors along the value chain.** Faced with a fragmented value chain, all stakeholders – from design to construction, operations and demolition in the private and public sectors – need to play their part. We encourage policy frameworks that promote both uptake of existing, cost-effective solutions and private sector innovation – using sustainable public procurement as a lever to create markets and investor security.

To achieve this, GlobalABC engages in the following activities:

- **Tracking progress** in the buildings and construction sector by issuing an annual Global Status Report that draws heavily on information provided by members of the GlobalABC.
- **Forging regional pathways** towards zero emission, efficient, and resilient buildings and construction through stakeholder-driven regional roadmaps, based on our Global Roadmap.
- **Advocating** the buildings and construction sector's potential and impact in climate mitigation and adaptation, at high level events such as the Climate Conference of the Parties.
- **Catalysing action and solutions**, particularly supporting and accelerating Nationally Determined Contribution implementation, including developing and promoting targeted knowledge products that fill a gap.

Highlights of achievements

The GlobalABC has made good progress against its key goals and milestones over the course of 2019, further cementing the foundations of the partnership, forging a common voice and vision and pathways for the needed transformation in the buildings and construction sector:

The urgency of climate action in the buildings and construction sector continues to gather momentum with buildings included in the broader climate agenda and the COP25 schedule, from the SG's Climate Summit to the regional climate weeks. National, sub-national and private sector actors are stepping up their ambition, leading to an increased number of commitments. The **GlobalABC is established and recognised as the international platform** that gathers a broad range of building and construction stakeholders and has stepped up its outreach and communication; for example, the social media presence in the lead up to the **2019 Global Status Report for Buildings and Construction launch at a press conference at COP25 led to** multiple press- and web references amongst others by [The Jordan Times](#), [French South African Chamber of Commerce and Industry](#), twice by International Institute for Sustainable Development (IISD), [here](#) and [here](#), [Architecture and Design](#), the [India Environmental Portal](#), [Office for Government Policy Coordination](#), [APO Analysis & Policy Observatory](#), [Center for Research into Energy Demand Solutions \(CREDS\)](#), and the [Singaporean Green Building Council](#). This and/or previous GSR versions were also picked-up by the [New York Times](#), the [Asian Post](#). This 2019 GSR was also



posted on several member/partner websites, among others [IEA](#), [UNEP](#), [GBPN](#), [WorldGBC](#), [WBCSD](#), [OID](#), [Construction21](#), [Re-Cities](#), and [FIDIC](#). A [video on the 2019 GSR for Buildings and Construction has attracted over 12,000 views](#).

Highlights for this year include:

- ✓ GlobalABC drives forward work on **Regional Roadmaps** together with the International Energy Agency (IEA), forging regional pathways towards zero-emission, efficient, and resilient buildings and construction. Over **700 regional stakeholders and experts** contributed to the regional roadmaps for Asia, Africa, and Latin America in form of in-person participation in workshops and trainings, webinar participation, or by responding to the regional roadmap survey. Several countries have indicated interest in the possibility of engaging in sub-regional or national roadmaps, among which are Brazil, Tunisia, UAE, and Vietnam.
- ✓ The GlobalABC is featured as *the* global coordination body on buildings in the UK Department of Business, Energy, and Industrial Strategy (BEIS) report [Accelerating the low carbon transition: the case for stronger, more targeted and coordinated international action](#), which was launched during COP at the UK Pavilion, and will guide the UK COP26 Presidency. The GlobalABC is also mentioned as global organization mainstreaming zero carbon buildings by the [World Economic Forum](#).
- ✓ **Building@COP25** – for the first time since 2015, and thanks to GlobalABC Secretariat and Steering Committee efforts, **buildings are included in the official COP schedule**, raising awareness on the critical importance of buildings for achieving the Paris Agreement Goals. Highlights at COP25 for buildings include the GlobalABC-led *Human Settlements event part 1 – climate emergency, time to act for zero-carbon buildings*, the *Circular Economy: Cities and Buildings high-level roundtable*, and the high-level *press conference of the 2019 Global Status Report for Buildings and Construction*. On the occasion of the launch, GlobalABC engaged in strong social media outreach, with our [video 'Read the 2019 Global Status Report for Buildings and Construction now'](#) being viewed over 12,000 times and GSR insights being picked up by multiple international media and websites, among other The [New York Times](#), [Asia Post](#), The [Jordan Times](#), [Architecture and Design](#), and IISD (twice, [here](#) and [here](#)).

Members are taking further action at home: New national alliances have been created or are under consideration. The GlobalABC body of members is growing: In 2019 we welcomed 15 new partners, bringing the membership to 129, and a number of potential members, including countries, have shown heightened interest in joining.

Importantly, the GlobalABC has strengthened **foundational work for 2020**, a key year where Nationally Determined Contributions (NDCs) are updated and commitments re-evaluated: Outreach on the NDC guide, including through a series of webinars; participation in the UN SG Climate Summit Zero Carbon Buildings Commitment which four countries have joined; and the stakeholder-driven work on the regional roadmaps, has allowed the GlobalABC to have tools and processes in place to raise political ambition and track implementation actions.

Strengthening the governance of the GlobalABC: Goals, milestones, and performance and impact indicators were developed and approved (see Annex I) around which this report is structured. The Steering Committee held a strategy session, through which a refined vision was developed and the development of the GlobalABC theory of change was started (this will be discussed at the next Assembly).

The GlobalABC has also **diversified its donors**. Alongside Germany (Federal Ministry for Economic Affairs and Energy – BMWi), France (Ministry for Territorial Cohesion/Ministry for Ecological and Inclusive Transition) and Switzerland (Federal Department of Foreign Affairs acting through the Swiss



Development Agency), Canada joined GlobalABC donors in making direct financial contributions. And in-kind contributions by a wider spread of members were on the rise.

While still short-staffed, the Secretariat stepped up its work on outreach and communication especially, continuing to run on 2.65 full time staff equivalent, counting increased in-kind contribution from UNEP.

The 2019 GlobalABC assembly



Hosted by Natural Resources Canada (NRCan), the 2019 GlobalABC Assembly gathered approximately 45 members from 20 countries who engaged in discussions with enthusiasm and commitment on the GlobalABC vision and key activities. Following a technical panel on buildings and construction in the Americas, which allowed sharing of experiences and peer-to-peer learning, members discussed and, where applicable,

approved performance and impact indicators, 2019 Work Area objectives, the 2019 work plan and the associated budget, flagship products and events, and the communication strategy. The Assembly also discussed buildings and construction sector trends and visioning and potential new topics. The Assembly ended with an interactive discussion on member engagement.

This year's Assembly was particularly active, engaged and international. With the help of mentimeter, an interactive online voting tool, the GlobalABC received valuable input in how to take activities forward to towards a zero-emission, efficient, and resilient buildings and construction sector

Reporting on the GlobalABC goals, milestones, and indicators

I. Catalysing action

Goal 1: Increased member / stakeholder climate commitments and action in buildings and construction

M1: Develop NDC guidance for buildings and foster update and progress

The GlobalABC has developed the **NDC guide** including translations to [French](#) and [Spanish](#). The Secretariat has shared this widely within the GlobalABC network and has taken additional steps for dissemination, sharing the NDC guide with UNFCCC country focal points and launching a 4-part webinar series 'transforming the buildings sector through ambitious NDCs' featuring NDC guide insights and speakers from the respective regions. The series saw one webinar each for the global perspective, Latin America, Asia, and Africa, with the webinar on Asia-Pacific seeing ca. 130 registrations. While the current GlobalABC website set-up does not allow for tracking direct PDF downloads (e.g. [here](#)), our the start page where our flagship products are accessed most often, has been accessed 3700 *times between 11 December and 7 February alone*. In addition, the NDC guide can be accessed through the resources section which has registered over 500 downloads). For more information see Annex V.

M2: Increase awareness and support for the Global Roadmap and the Regional Roadmaps

The GlobalABC developed three advanced drafts of **regional roadmaps for Africa, Asia, and Latin America** with the IEA and in collaboration with WorldGBC and the WRI. These include region-specific targets, examples, and actions, and incorporate input from more than 700 regional stakeholders and global experts. Consultations took place through seven in-person events (regional roundtables in Africa and Asia-Pacific; IEA trainings; outreach sessions at global events), through five webinars, and through surveys conducted in each region.



For the Latin America Roadmap, ca. 195 regional stakeholders provided in-person input, 180 provided input via webinars, and 80 responded to surveys; for the Asia Roadmap, 135 regional stakeholders provided input in person, 55 responded to the survey; for the Africa Roadmap, 53 regional stakeholders provided input in-person, 20 via a webinar, and 45 people have completed the survey.

Aligned with the format and insights from regional roadmaps, the **global roadmap was updated**. Global and regional roadmaps build on the existing global roadmap and the Ecofys document *Recommendation for a classification of measures and policies related to local conditions*. Presented at regional climate fora, these advanced drafts were made available to a wider group of stakeholders beyond the 700 consulted for inputs; As such, over 500 downloads are likely. The Regional Roadmaps have started to underpin buildings work and **policy processes** of other entities. At the UN SG's Climate Summit, the Zero Carbon Buildings Commitment made explicit reference to the regional roadmaps as a means of creating a pipeline of commitments. Several countries have indicated interest in the regional roadmap and the possibility of engaging in sub-regional or national roadmap through different channels (e.g. PEEB/GlobalABC, IEA, BEA Phase III), among which are Brazil, Tunisia, UAE, and Vietnam.

M3: Additional local / national alliances launched which bring together government representatives and stakeholders across the buildings and construction sector.

In June 2019, the GlobalABC has sparked a **fourth national alliance in Tunisia**, namely the *Alliance Tunisienne pour les Bâtiments et la Construction (ATBC) / Tunisian Alliance for Buildings and Construction* with the aim to advance towards the objectives of the Paris Agreement through a zero-emission, efficient and resilient building and construction sector; inform actors in the sector of regulatory developments in the fields of energy efficiency, renewable energy, and climate; promote innovation linked to buildings in the fight against climate change (mitigation, adaptation); encourage collaboration between all actors of the building and construction sector on the energy transition; and to cascade the regional roadmap into a national roadmap adapted to national challenges. Founding members are the Tunisian Ministry of Housing Equipment and Spatial Planning, the Tunisian Energy Agency (ANME), and the Energy Efficiency and Renewable Energy Cluster. The Regional Roundtable for Sub-Sahara Africa which took place in Nairobi, Kenya, with the participation of the Kenya Ministry of Energy served, among others, also as preparatory meeting for a potential national alliance. To support national alliances, GlobalABC undertook a stakeholder mapping for the Tunisian national alliance, and one as preparation for a potential Kenyan national alliance.

The National Alliance for Buildings and Construction in Mexico welcomed as new focal point ALENER (Alliance for Energy Efficiency) and is active in bringing stakeholders together towards a zero-emission, efficient, and resilient buildings and construction sector. The Mexico national alliance held a successful workshop on regional roadmaps, gathering over 100 stakeholders from the country.

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).

The GlobalABC participated in the **Zero Carbon Buildings Commitment** launched at the UN SG Climate Summit in September 2019, building on the GlobalABC [Global Call for Low-carbon, Energy-efficient and Resilient Buildings](#) (which has six signatories namely Argentina, Mexico, Morocco, Germany, France, and Switzerland). Four countries including Kenya, Turkey, the UK, and UAE committed to decarbonizing their buildings and construction sector by 2050. The [Net Zero Carbon Buildings Proposal](#) by WorldGBC saw seven additional private sector pledges, and two local government pledges (Helsinki and Valladolid).





Goal 2: Common data framework

M1: Develop common framework for critical data management along the buildings and construction value chain (e.g. building passport).

In 2019, GlobalABC's work area 5 *Building Measurement, Data, and Evaluation* launched work on a **buildings passport** which generated much interest among members and beyond. Good progress was made in terms of gathering contacts, updating references and developing the building passport (BP) concept:

- Building a database of past and current research, initiatives and commercial applications related to the Buildings Passport concept;
- Listing and categorising data points that should be included into a comprehensive BP model;
- Presenting a paper on the BP concept and benefits to the SBE19 series conference in Helsinki;
- Developing a draft document intended as the main output of the Work Group 5 in 2020.

This output will take the form of a report providing context and guidelines for the implementation of BP model in a global perspective, considering benefits and barriers across different levels of economic and sectoral development. It will contain:

- Introduction and discussion of the BP concept;
- Analysis of benefits and barriers to BP implementation met by different stakeholders;
- Framework for data points;
- Exemplary initiatives;
- Recommendations addressing main issues and barriers.

Work Area 5 aims to continue developing this draft while liaising with organisations interested in BP models, notably BPIE, a UK industry-government group working on a 'property logbook' framework, the US Department of Energy, the UNEP FI Property Working Group and the architectural firm Forster and Partners. The objective is to complete a fully-fledged draft of the document before summer, and to present the final document at COP26.

Goal 3: Increased engagement of the finance and investor community

M1: Finance and investor engagement strategy developed.

A **finance and investor engagement strategy** is under development by Work Area 4 to tackle the investment gap in buildings and construction. Such a strategy could build on work by UNEP FI, namely a [report from 12 investors piloting strategies for climate risk and analysis and disclosure](#).

M2: Contact group on key buildings and construction financial institutions (e.g. development banks) developed, with Work Area 4.

GlobalABC's Work Area 4 kick-started work on a key **buildings and construction financial institutions contact group**. Through the [Programme for Energy Efficiency in Buildings](#) (PEEB) a first map of existing energy efficiency initiatives with a list *Financing opportunities mapping for public, private and residential sector energy efficiency investments in buildings (EEB) in developing and emerging markets* was developed.

M3: Reliable information on costs and benefits/impact of investing in energy efficiency and low-carbon energy in buildings made available.

Responding to the challenge of energy efficiency measures in buildings being often perceived as (too) expensive, the GlobalABC developed the study ***Adopting decarbonization policies in the buildings & construction sector - costs and benefits***. This peer-reviewed study evaluates policies and policy packages' efficacy towards a zero-emission, efficient, and resilient buildings and construction sector.



The study is designed for national and local governments and relevant ministries in charge of developing and implementing buildings and construction policies. It provides an overview over costs of effective public policies for reducing building energy consumption and associated greenhouse gas emissions that also deliver societal benefits and provide insight into best-practices. It further shines a first light on multiple impacts and cost implications of the selected policies and highlights cost-effective policies as well as policy benefits including monetary, employment, health, productivity, energy, and resilience benefits. The study finds that policies with high ambition and which are bundled as packages have positive cost-benefits ratios including health and employment benefits and return on investment, more so than policies lacking such ambition (even though those might seem easier/less expensive). The study also reveals important gaps on policy evidence in the developing country context, highlighting a field of action for the GlobalABC on developing in-depth policy case studies. The study builds on insights from the regional roadmaps, showing costs and benefits of some of the priority actions the regional roadmaps outline.

Goal 4: Increased peer-to-peer learning / exchange of experience / sharing knowledge and tools

M1: Regional Roundtables held.

Regional Roundtables served as essential political tools to facilitate regional cooperation. Aimed at national governments from a given region, Regional Roundtables facilitated technical knowledge and good practice peer-to-peer exchange. They fostered match-making between GlobalABC members enabling them to cooperate in selected areas to accelerate zero-emission, efficient, and resilient buildings and construction sector solutions within a given country and across the (sub-) region, including those related to Nationally Determined Contributions (NDCs). Knowledge exchange and match-making included sharing of best practice

In 2019, the GlobalABC **held two regional roundtables**, both focused on stakeholder input for the regional roadmaps.

The **Regional Roundtable for Sub-Sahara Africa** taking place during the first UN Habitat Assembly



brought together **25 experts and policy makers** and provided an opportunity for exchanges of good practices and experiences.

The thematic focus of the meeting was “Efficiency for Affordability – How energy efficiency can drive affordability in housing”. The topic was chosen for being particularly relevant to the regional reality to promote concrete and actionable learning and engagement, and to emphasize the importance of

integrating climate actions into the building and construction sector in improving the quality-of-life for low-income and vulnerable families. It was also an opportunity to discuss and deep dive on the regionalization process of the GlobalABC Regional Roadmap for Africa. Finally, the Regional Roundtable gathered multiple participants from Kenya and served as a preparatory meeting for a possible national alliance. Participants confirmed the overall direction of regional roadmap and provided input in the different key areas, providing a viewpoint from different regions and stakeholders on how countries can use the roadmap to meet the Paris Climate goals in the buildings and construction sector locally.

The breakout group on Urban Planning identified as *key actions*: To include district resources planning, as connection from energy to water and waste and transport; whether to use ‘community’ or ‘municipal’ depending on what scale is being described – consensus was for community. On *policies* the group discussed to Include policies on sustainable transport / mobility (to capture walking and good urban design principles beyond transit oriented design) and to include urban renewal planning (slum upgrade planning) within the policies which could link to UN Habitat slum upgrade reporting that captures energy



and materials. On *technologies*, the group discussed to include communication (ICT) and data access as a key part of the technology set. Digital tools (such as GIS or online planning systems) would form part of that. On New Buildings, *Key Actions* comprised including a statement on capacity building for both developer and decision-makers (e.g. building control and planning review) on how to build low energy buildings to help the review process and reduce risk of rejection due to unfamiliarity as well as including a statement around digital tools and building modelling using available systems, such as EDGE; *Technologies* comprised including shading as a category or make it an explicit component of efficient windows. On Resilience, *key actions* comprised referencing to a range of risk considerations, including polluted lands and brownfield for development, urban regeneration, thermal exposure (heat islands), climate events (e.g. ninos/as) and other extreme events (sandstorms and fires). On clean energy, *key actions* comprised local market development for manufacturing, installations and procurement (such as the solar thermal market in Kenya), and considering green financing as an action for renewable and district energy.

The **Regional Roundtable for Asia-Pacific** took place as part of the Asia-Pacific Climate Week. Gathering **40 participants from 18 countries**, it focused on priority areas of the regional roadmaps that had seen comparatively less stakeholder input, namely materials, resilience, urban planning, and clean energy. Break-out groups of regional building and construction stakeholders discussed policy actions and regional targets needed for these categories.



Clean energy group: Energy efficiency needs to be included into the definition of clean energy; the zone, community, and district level need to be brought in, not just the individual building level; incentives for both renewable energy and energy efficiency are important to allow for flexibility on how to combine both; it also depends on the building type, e.g. high-rise buildings for instance need to focus on energy efficiency; skills are as important as awareness, as are identifying revenue-neutral policies. Enforcement is a big issue as this can be challenging even for safety measures. More ambitious codes and policies are needed. Another measure could be net metering, not just at individual, but at group level, for which the urban planning context needs to be considered (same as for PV, wind, and co-generation). The storage context needs to be considered, especially in decentralized areas, e.g. storage in electric vehicles for buildings – linking buildings and transport; there is also need for more R&D and for baseline information.

Resilience group: Threats and opportunities regarding resilience vary depending on geographic and climatic zone (e.g. volcanic activity, floods, storms), hence a sub-regional approach is especially important for this category. Resilience is often associated with natural disasters, but as important are the ‘slow burns’, e.g. climatic stresses – the question is how we can design flexibility into our buildings. *Key actions*: There is a strong overlap with materials – low quality or unsuitable materials can cause buildings to collapse. Labelling/certification of materials resilience could be helpful. Access to finance is important as well. Finding ways back to traditional design and architecture could be helpful (e.g. in Mongolia a local building technique adapted to the country’s extreme climates was recently re-discovered). Ways need to be found for vernacular architecture and its modern adaptation for current needs, which is often taught at universities, to reach the market. Well-adapted buildings also need to be linked to municipal planning and capacity building is especially important at the local/municipal level. On data, stock-taking is happening, but significant data gaps remain. Other suggestions for the roadmap include waster and rain water management (including rain water harvesting, storm water protection, and water tariffs), adaptation to urban heat island effect (an increasing challenge in many large Asian cities), waste management, back-up systems for renewables (to counterpower failures in cities), setting ambitious targets for new buildings so they have to be resilient and setting incentives for current buildings to become resilient. Resilience offers opportunities for south-south cooperation,



e.g. Vietnam which has not experienced many natural disasters is keen to learn from other countries in Asia (e.g. Philippines, Mongolia for extreme climates) to gain knowledge on resilience. *Policies:* Policies include stronger reflection of resilience in building codes, dedicated policies on locally adapted construction methods, dedicated governance and coordination on resilience policies, putting crises plans in place for resilience, addressing the demand side/developing demand side incentives so that users request more resilient buildings. Since quick, visible, and practical results are important, next to policies, working on the business case and developing PPP models can be helpful to enable quick and practical results. Mandatory environmental impact assessments can be helpful as well.

Urban planning: *Key actions:* Additions to consider for the regional roadmap include engaging mayors,



green zoning linking to resource efficiency, integrated spatial planning linking to net zero building codes, green certification at neighbourhood levels, district energy approaches considering buildings at city scale/in their environment instead of as individual entities, vertical integration across governmental jurisdictions and linking zoning to national development planning while at the same time working towards decentralization at local and municipal level.

Policies: Ways to address these issues include better interagency coordination, adopting net-zero policies on buildings, piloting district planning initiatives, aligning local zoning plans with national strategies, improving international cooperation for recognition of urban planning importance, fiscal

incentives linked to private sector regulation/permits and mandatory minimum energy performance codes, local skills training on urban planning/green buildings and including in high-schools (examples were provided by the Maldives where the Ministry of Environment and Energy developed energy efficiency learning for small children, India where school children get to rate their own premises, and Mongolia where children can obtain a green passport and good scores can help getting into university). A point was also made on using smart cities for promoting sustainable urban planning: There needs to be an approach that if a city is not green it cannot be considered smart.

M2: Technical workshops held.

Due to the last-minute change of the COP25 location from Chile to Madrid, the technical workshop on all three regional roadmaps at COP25 was cancelled. However, the GlobalABC jointly with the IEA held a technical workshop “Urban Planning, Clean Energy and Resilience: Strategies to Advance Sustainable Buildings and Construction in Latin America” hosted by Fundação Getúlio Vargas. The workshop brought together 25 experts and provided an opportunity to collect input for the Latin America regional roadmap for buildings and construction, focusing on three key activities: Urban planning, clean energy, and resilience. Participants confirmed the overall direction of regional roadmap and provided valuable input in the different key areas, to refine and make it more useful to countries and other relevant stakeholders in the buildings and construction sector in meeting the Paris Climate Goals. On Urban Planning and Resilience participants gave, among others, the following actions as priorities: Increase integration and coordination between the departments of transport, housing, infrastructure, sanitation, environment through an integrated plan; consider a data management system in urban planning and creation of a specific organ to manage indicators and do monitoring and evaluation in an integrated manner (information, data, management, georeferencing, indicators, finance data, among others); mandatory labelling and provision of consumption data through a transparency law and increased regulation such as building codes; incentives related to successful application/implementation; participants also found that barriers lie in the lack of political will rather than technological barriers and there is a focus in what is urgent and what generates rapid results, instead of looking at what is strategically more impactful and generates long-lasting changes. On clean energy, participants gave insights on *Decarbonisation of Heat in Industry* (for building materials): (1) Change the energy sources powering industrial production to low-carbon sources; (2) take actions to make industrial plants more energy efficient. On *Clean Energy for Building Operations* participants discussed a focus on generating





clean energy in buildings in the form of distributed generation, and ensure a focus on adopting energy efficient technologies, automation & control; energy storage and biogas in buildings could be one focus area.

M3: Technical expert network developed.

Responding to increasing demands for collaboration and membership, the GlobalABC is developing draft Terms of Reference for a network of buildings and construction sector experts. The list is meant for smaller companies or individual experts which due to size or set-up would either not have the capacity to join or not qualify as member, but who have a keen interest in engaging with the GlobalABC. It provides a framework that is of lighter commitment and easier to access compared to being a member. Experts would participate as speakers in events, contribute to work areas where there is mutual interest, and contribute to reports as well as other activities based on their expertise and interest. Experts contribute on a voluntary and honorary basis and are not referred to as members. The Steering Committee accepts experts on a non-objection basis. The ToR comprises: The network's purpose and composition, engagement guidelines, organisational and communication matters, and duration of commitment.

Furthermore, to the topic of **adaptation**, Work Area 2 set up a dedicated subgroup . Spurred by Morocco it is coordinated by OID and France (MTES) and brings together ten members of the GlobalABC (countries, intergovernmental, civil society) with contributions from 30 additional members. Good progress has been made:

The group is developing a report to provide guidance to governments on how to include building adaptation actions into their national plans and how to link adaptation and mitigation strategies and actions, throughout the life cycle of buildings. Furthermore, recommendations by type of actor (including investors, developers, insurers), and estimates of the impact of actions and costs are being elaborated. In 2019, 15 interviews were conducted with real estate actors. An online survey was launched to collect inputs from stakeholders. The report outline was presented in the *Cities to be* event in Angers, September 2019 and during COP25 on 5 December during the NDC partnership pavilion event.

II. Outreach and advocacy

Goal 1: Increased visibility of the GlobalABC, its Work Areas and flagship products in the media and the buildings and construction sector generally

M1: Key audiences identified, and messages developed.

As part of the 2019 and 2018 Global Status Report launches, the GlobalABC developed **key messages** on buildings and construction, spread through media packages including social media cards and press releases, and for use by our members. Key messages can be found in Annex III. The Steering Committee defined as **primary audience** national governments, and building/property owners (developers, real estate investors), and as **secondary audience** local governments, private sector companies along the building supply chain, finance sector players including Multilateral Development Banks and private finance institutions, insurance and reinsurance companies

M2: Communications strategy developed & implemented.

As part of its ongoing communication and outreach effort, the GlobalABC has developed a communications strategy (see Annex III) in 2018/2019 and has implemented or begun implementing strands 1,2,8,9,10, and 11 of the recommendations. Strands 3,4,5,6, and 7 require attention and further time and resources. GlobalABC has also developed the following communications materials in 2019:



- A standard PowerPoint Presentation (PPT) on the GlobalABC and on key buildings and construction sector facts and figures based on the 2018/2019 GSR.
- An updated brochure 'who we are' in English, French, and Spanish.
- Two kakemonos/roll-up displays on the 2019 GSR.
- A poster on key 2019 GSR findings.
- Unique Selling Points (USP) of the GlobalABC
- An updated list of key messages on the buildings and construction sector which can be used by all members (under development).
- A list of [social media cards](#) that can be used to promote the 2019 GSR.
- A social media kit.
- GlobalABC USB sticks with logo and key GlobalABC documents (e.g. the GSR) on them.

A communications consultant was hired to develop relevant materials and support the GlobalABC especially for the 2019 GSR launch.

M3: Media package available on website.

Promoting our flagship product, the GlobalABC Global Status Report, the GlobalABC has developed **media packages** for both the 2018 and the 2019 edition which are **online** at www.globalabc.org. These include [press releases](#) in multiple languages, social media cards (in form of a [trello board](#)), and a media advisory.

M4: Media uptake of key products and key messages.

Thanks to strong social media outreach, GlobalABC key messages from the 2019 Global Status Report have reached thousands of users. The [video 'Read our 2019 Global Status Report'](#) had over 12,500 views, while the GlobalABC twitter account now has over 500 followers. The different editions of the Global Status Report were referenced, among others, in the following media: [New York Times](#), the [Asian Post](#), [The Jordan Times](#), [French South African Chamber of Commerce and Industry](#), twice by International Institute for Sustainable Development (IISD), [here](#) and [here](#), [Architecture and Design](#), the [India Environmental Portal](#), [Office for Government Policy Coordination](#), [APO Analysis & Policy Observatory](#), and [Center for Research into Energy Demand Solutions \(CREDS\)](#), as well as multiple GlobalABC members. The [World Economic Forum](#) referenced GlobalABC as global organization working to mainstream zero carbon buildings and the GlobalABC is featured as *the* global coordination body on buildings in the UK Department of Business, Energy, and Industrial Strategy (BEIS) report [Accelerating the low carbon transition: the case for stronger, more targeted and coordinated international action](#).

M5: Dissemination GlobalABC documents (Global Status Report, Roadmap, etc.) and results.

GlobalABC considerably increased its outreach and dissemination efforts as well as community engagement for the 2019 Global Status Report and in the context of the Regional Roadmap development: Members could provide case studies and data through a survey, and a task force guided the development. The GlobalABC Secretariat organized a press release at COP25 which saw the deputy head of delegations of both UNEP and IEA, as well as the vice ministers of Natural Resources Canada and the United Arab Emirates Ministry of Climate Change and the Environment launch our report. Preceding the launch was a twitter campaign with extensive social media coverage including social media cards, as well as a post-launch campaign including key messages from the 2019 GSR which increased visibility and followers considerable – the [video 'Read our 2019 Global Status Report' for instance had over 12,000 views](#). Next to member-outreach, the GlobalABC also developed a list of communications focal points in GlobalABC member entities, for targeted communications outreach. Members and communication focal points were invited to post not only the GSR link, but also received the press release in six languages, the Executive Summary in five languages, the media advisory, and the trello board with post-launch messages for dissemination. While the current GlobalABC website set



up does not allow for tracking direct PDF downloads (e.g. [here](#)), on the start page where our flagship products are accessed most often, the 2019 GSR has been accessed 3700 *times between 11 December and 7 February alone, in addition to the resources section where it has been downloaded over 870 times*. The GSR and/or its key-messages is also available through media pick-up (over 24 web references) including by [The Jordan Times](#), [French South African Chamber of Commerce and Industry](#), the [New York Times](#), the [Asian Post](#), twice by IISD, [here](#) and [here](#), [Architecture and Design](#), as well as by the [Green Growth Knowledge Platform](#) (GGKP), , [India Environmental Portal](#), [Office for Government Policy Coordination](#), [APO Analysis & Policy Observatory](#), [Center for Research into Energy Demand Solutions \(CREDS\)](#), Australian Sustainable Built Environment Council, and on the websites of members including [IEA](#), [UNEP](#), [GBPN](#), [WorldGBC](#), [WBCSD](#), [OID](#), [Construction21](#), [Re-Cities](#), and [FIDIC](#).

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)

M1: Buildings Day at COPs held.



This year, for the first time since its foundation in 2015, and thanks to GlobalABC Secretariat and Steering Committee efforts, buildings formed part of the official COP25 schedule. The GlobalABC had the lead for the first part of the Human Settlements event with the title *Climate Emergency – time to act for zero carbon buildings* and GlobalABC also had the co-lead for the high-level roundtable *Circular Economy: Cities and Buildings as hubs for climate action*. GlobalABC was furthermore involved in multiple other buildings-related events, among others on SDG11, a side event on solutions from around the world, and an event on NDCs at the NDC hub. The 2019 Global Status Report for Buildings and Construction was launched at COP with a press event for which we welcomed the deputy head of delegations of both UNEP and IEA, as well as the Vice/Deputy Ministers of Natural Resources Canada and the United Arab Emirates Ministry of Climate Change and the Environment. Through a special COP25 newsletter and overview 'Buildings@COP25' the Secretariat provided daily overviews over buildings-related events by the GlobalABC and its members. Although the offsite technical event had to be cancelled unexpectedly due to the sudden change in venue, GlobalABC and buildings presence at COP25 this year was strong.

M2: Participation in key events on climate change, urban issues, real-estate, and buildings and construction.

The GlobalABC co-organized and participated in various buildings-related events as part of international conferences, giving the buildings sector a voice and raising visibility for its potential and impact:

- ✓ The GlobalABC co-led the buildings-related events at both the Latin America and the Asia-Pacific Regional Climate Weeks. The Latin American event focused on the informal sector and was very well attended; it was opened with a keynote by the former Secretary of Government of the Argentina Secretariat of Environment and Sustainable Development Rab. Sergio Bergman. The Asia-Pacific event focused on GlobalABC regional roadmaps and featured speakers from the region.





- ✓ The GlobalABC co-led an event on cities and buildings at Climate Chance in Abidjan, highlighting the actions already taking place on sustainable buildings in the region.
- ✓ The GlobalABC also led the deep-dive session on buildings as part of the Asia-Pacific Urban Forum and took part as panellist and moderator in the Community of Housing workshop by SWITCH-Asia.
- ✓ GlobalABC participated in the UAE Buildings Day focused on the regional roadmap, where UAE expressed interest in developing a sub-regional roadmap following the GlobalABC model.
- ✓ Next to the Regional Roundtable, GlobalABC also organized a side event as part of the UN Habitat assembly
- ✓ GlobalABC forms part of the Marrakech Partnership for Global Climate Action (MPGCA) and participated in multiple events, raising the voice for the buildings sector in preparation of COP25, and in the MPGCA yearbook.
- ✓ The UK Department of Business, Energy, and Industrial Strategy (BEIS) invited GlobalABC as panellist and participant to their workshop 'Buildings Sector Decarbonisation' to inform the UK's strategic planning for engagement internationally and GlobalABC gave an opening presentation on global priority actions for buildings and on the GlobalABC role in this. BEIS invited GlobalABC to provide input to their report [*Accelerating the low carbon transition: the case for stronger, more targeted and coordinated international action*](#) where GlobalABC is referenced as the global coordination body on buildings, and GlobalABC flagship products including our Global Roadmap ,and Global Status Report are referenced as well.
- ✓ GlobalABC was invited by the World Economic Forum (WEF) for their workshop on Systemic Efficiency, where the GlobalABC and its work was introduced.
- ✓ The GlobalABC took part in the Cities To Be event in Angers, France, discussing the role of national alliances and GlobalABC's adaptation work.



Goal 3: Increased visibility of members' activities

M1: Good practices & member activities shared through network of GlobalABC members and GlobalABC events/events in which the GlobalABC participates.

GlobalABC systematically used its communication channels to promote member activities on zero-emission, efficient, and resilient buildings and construction. Through our newsletters which included dedicated sections on member news, through twitter and LinkedIn, through our websites, and through email we shared ca. 30 member activities and good practices in buildings and construction. The multiple events GlobalABC formed part of also served as channel for our members to promote their best practices.

M2: Full year calendar with members activities disseminated.

The GlobalABC has an [online calendar](#) in place with year-round buildings- and construction events, including those organized by us and by our members. In addition, and specifically for COP25, GlobalABC provided a Buildings@COP25 overview and daily Buildings@COP25 blasts.

Goal 4: Continuous involvement and reinvigoration of new and existing members, especially major developing countries and other key buildings and construction sector players



M1: Member engagement strategy developed (including roles and responsibilities).

A draft member engagement strategy is under development, highlighting channels through which members can get engaged, how to support members particularly in their first year of joining, and how to maintain their level engagement / reinvigorate engagement of silent members.

M2: Recruitment document ('benefits from joining') developed.

A draft recruitment document has been developed, examining the current state of memberships, suggesting targeted recruitment efforts with a focus on certain member groups considering regional diversity and diversity of fields of action. The document highlights GlobalABC's unique selling point, the benefits members obtain from joining. It is up for approval at the next Assembly.

M3: Member space actively used.

GlobalABC is using the member space for internal document dissemination, in particular for Steering Committee meetings. Currently, ca. 80 % of members are registered, and ca. 135 documents are uploaded.

M4: Members promulgate GlobalABC key messages and products and M5: Members link to GlobalABC website on own website / communications products.

The 2019 Global Status report for Buildings and Construction is listed on members websites among others on the websites of [IEA](#), [UNEP](#), [GBPN](#), [WorldGBC](#), [WBCSD](#), [OID](#), [Construction21](#), [Re-Cities](#), [FIDIC](#), and [Singaporean Green Building Council](#). More than 20 members mention the GlobalABC and refer to its website (see Annex IV). Further research is being undertaken on links on other members' websites. The [World Economic Forum](#) referenced GlobalABC as global organization working to mainstream zero carbon buildings. *A new GlobalABC website is currently under development.*

III. GlobalABC resource mobilization

Goal 1: Reliable funding base for the GlobalABC developed

M1: Fundraising strategy developed.

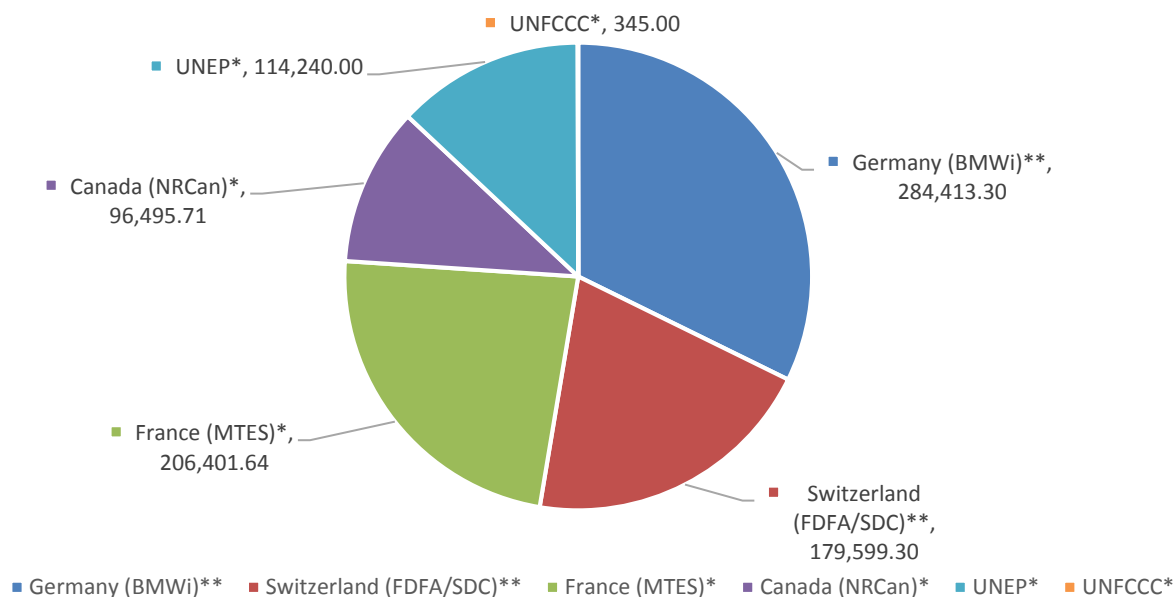
The GlobalABC has a resource mobilization strategy in place which includes an indication of requested and voluntary contributions from different types of members, as well as which forms contributions can take.

M2: GlobalABC donors further diversified.

The GlobalABC has further diversified its funding basis. Next to Germany (Federal Ministry for Economic Affairs and Energy), France (Ministry for Territorial Cohesion/Ministry for Ecological and Inclusive Transition, which also provided a full-time secondee to the Secretariat), and Switzerland (Federal Department of Foreign Affairs acting through the Swiss Development Agency), the GlobalABC has received direct financial contributions also from Natural Resources Canada (NRCan). In addition, several members provided significant in-kind contribution in the form of hosting events, or directly paying for specific products such as the website or assisting with translations. Many GlobalABC members have contributed in-kind to GlobalABC activities, for instance in the form of input and feedback to flagship products and/or through the GlobalABC Work Areas.



2019 financial contributions



*The figures with an asterisk are or include in-kind contributions and are estimates based on average costs (e.g. for UNEP and France in-kind staff support).

**Germany (BMW) and Switzerland (FDFA/SDC) have both made a multi-year commitment for 2018-2019 (BMW) and 2018-2021 (FDFA/SDC).

IV. Keeping the buildings and construction sector under review

Goal 1: Tracking progress

M1: Global Status Report developed; launched; spread and picked-up widely.

The Global Status Report (GSR) is *the* flagship product of the GlobalABC. The GSR provides an annual snapshot of the progress of the buildings and construction sector on a global scale with an emphasis on reviewing the status of policies and technologies and providing case studies which allow monitoring whether the buildings and construction sector is on track.

In line with Steering Committee discussions and due to resource constraints, this year's GSR was leaner and released on-line only, with the Executive Summary printed in all UN languages. The GlobalABC Secretariat increased efforts on outreach and communication and organized a high-level press release at COP25 which saw the deputy head of delegations of both UNEP and IEA, as well as the Vice/Deputy Ministers of Natural Resources Canada and the United Arab Emirates Ministry of Climate Change and the Environment launch our report. Preceding the launch was a twitter campaign with extensive social media coverage including [social media cards](#), as well as a post-launch campaign including key messages from the 2019 GSR which increased visibility and followers considerable – the [video 'Read our 2019 Global Status Report'](#) for instance had over 12,000 views. Next to member-outreach, the GlobalABC also developed a list of communications focal points in GlobalABC member entities, for targeted communications outreach. Members and communication focal points were invited to post not only the GSR link, but also received the [press release](#) in six languages, the Executive Summary in five



languages, the media advisory, and the [trello board](#) with post-launch messages for dissemination. While the current GlobalABC website set up does not allow for tracking direct PDF downloads (e.g. [here](#)), the start page where our flagship documents are accessed most often has been accessed 3700 *times between 11 December and 7 February alone*, the resources section has been accessed over 870 times during the same time frame. The GSR and/or its key-messages is also available for download through our members and partners websites, as well as through media pick-up including [New York Times](#), the [Asian Post](#), [The Jordan Times](#), [French South African Chamber of Commerce and Industry](#), twice by IISD, [here](#) and [here](#), [Architecture and Design](#), [India Environmental Portal](#), [Office for Government Policy Coordination](#), [APO Analysis & Policy Observatory](#), [Center for Research into Energy Demand Solutions \(CREDS\)](#), and the [Green Growth Knowledge Platform \(GGKP\)](#), as well as on members' website including on the websites of [IEA](#), [UNEP](#), [GBPN](#), [WorldGBC](#), [WBCSD](#), [OID](#), [Construction21](#), [Re-Cities](#), [FIDIC](#), Australian Sustainable Built Environment Council, and [Singaporean Green Building Council](#).

A new GlobalABC website is currently under development.

M2: GlobalABC/IEA database on policies and good practices developed.

IEA is developing a **database with best-practice policies** (under development), links to the GlobalABC website are being explored. Depending on available resources, the new **GlobalABC website** (*under development*) **will feature a Regional Roadmaps database** including best-practice policies.

New GlobalABC members

In 2019, the GlobalABC welcomed 15 new members, bringing total membership up to 129 members, among which are 29 countries, 6 public agencies, 11 local governments/related networks, 33 civil society organizations/related networks, 11 research institutions/think tanks, 14 intergovernmental organizations, and 25 private sector enterprises/related networks.

In 2019, the GlobalABC welcomed the following new members:

- Republic of Peru – Ministry of Housing Construction & Sanitation (VIVIENDA)
- Republic of Croatia – Croatian Government Real Estate Agency
- Hashemite Kingdom of Jordan – Ministry of Energy and Mineral resources (MEMR) – Jordan Renewable Energy and Energy Efficiency Fund (JREEEF)
- Bosnia and Herzegovina Chamber of Commerce Federation
- Municipality of Medellín
- Alliance for Energy Efficiency (ALENER)
- China Academy of Building Research (CABR)
- Re-Cities: Re-imagining Cities Foundation
- UCL Bartlett School: University College London Bartlett School
- Institute of Technology FCBA on behalf of Wood Rise Alliance
- SADC Centre for Renewable Energy and Energy Efficiency (SACREEE)
- Passive House Canada
- ROCKWOOL Group
- Smart Buildings Alliance for Smart Cities (SBA)
- German Sustainable Building Council GmbH (DGNB GmbH)

UK and Kenya have expressed interest in joining the GlobalABC as member and have been sent respective invitations to join.

Tunisia founded a national alliance of the GlobalABC. A first meetings on a possible national alliance for buildings and construction in Kenya was held.



The GlobalABC Secretariat

As of end of 2019, the Secretariat composition is as follows:

- Management (in-kind contribution by UNEP): 0.4 full-time equivalent.
- Coordinator (secondment by France): 1 full-time equivalent - member outreach/day-to-day management.
- Programme Management Officer: 1 full-time equivalent – member outreach/day-to-day management.
- Communication support: 0.15 full-time equivalent – communications strategy, general communication support, GSR outreach.
- Administrative support: 0.1 full-time equivalent.

In addition, the Secretariat received specialized support for communications on the Global Status Report, on event management, and on guiding the regional roadmaps and the NDC guide.





Annex I: GlobalABC goals, milestones, and impact and performance indicators

I. Catalysing action

Goals	Milestones	Outputs	Performance & Impact Indicators	Status
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"> NDC guide developed: Yes/no. Internal, performance indicator. # and geographic diversity of NDC guide downloads: At least 1000 downloads. External, impact indicator. # of new or improved NDCs relating to buildings and construction (members and non-members). External, impact indicator. 	✓ GlobalABC start page with flagship products accessed 3700 times between December 2019 and February 2020 alone, in addition to report dissemination through webinars and UNFCCC focal points. On the resources section the NDC guide has been accessed over 500 times. 5
	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"> Global Roadmap updated: Yes/no. Internal, performance indicator. Regional Roadmaps developed: Yes/no. 	✓ ✓



			<p>Internal, performance indicator.</p> <ul style="list-style-type: none"> ● # Regional Roadmap downloads: At least 500 downloads. <p>External, impact indicator.</p> <ul style="list-style-type: none"> ● # of policy processes started/underway/ongoing considering the Global Roadmap. <p>External, impact indicator.</p>	<ul style="list-style-type: none"> ✓ The RRM's are in the form of advanced drafts, with input from over 700 regional stakeholders and global experts, in addition to dissemination among members and beyond, as such over 500 downloads of the advanced, living documents are likely. ✓ Several countries/sub-regions are considering developing sub-regional or national roadmaps (e.g. Brazil, Tunisia, UAE, and Vietnam).
	<p>M3: Additional local/national alliances launched which bring together government representatives and stakeholders across the buildings and construction sector.</p>	<p>Local/national alliance launched</p>	<p># of local/national alliances underway/launched: At least one national alliance per year.</p> <p>External, impact indicator, Work Area 2.</p>	<ul style="list-style-type: none"> ✓ New national alliance in Tunisia launched: Alliance Tunisienne pour les Bâtiments et la Construction (ATBC)



	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. External, impact indicator, Work Area 2 and 3.	✓ 4 commitments under the UN SG Climate Summit Zero Carbon Buildings Proposal; Multiple new commitments under the Net Zero Carbon Buildings Proposal by WorldGBC
Goal 2: Common data framework	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 Internal, performance indicator, Work Areas 3 and 5.	Work Area 5 worked on a buildings passport and took the following steps: Building a database of related research, initiatives and commercial applications; listing and categorising data points that should be included into a comprehensive BP model; presenting a paper on the BP concept and benefits to the SBE19 series conference in Helsinki in May 2019; developing a draft document. Work will continue in 2020.
Goal 3: Increased engagement of the	M1: Finance and investor engagement strategy developed.	Finance and investor engagement	Yes/no Internal, performance indicator, Work Area 4	Under development under GlobalABC's Work Area 4, this could build on work by UNEP FI, namely a report from 12 investors piloting





finance and investor community		strategy developed		strategies for climate risk and analysis and disclosure.
	M2: Contact group on key buildings and construction financial institutions (e.g. development banks) developed, with Work Area 4.	Contact group developed	Yes/no. At least 5 positive responses from financial institutions. Internal, performance indicator, Work Area 4.	✓ Mapping with 28 financial institutions in place.
	M3: Reliable information on costs and benefits/impact of investing in energy efficiency and low-carbon energy in buildings made available.	Cost/impact study developed	Yes/no & measure progress towards. Internal, performance indicator, Work Areas 2 and 4.	✓
Goal 4: Increased peer-to-peer learning / exchange of experience / sharing knowledge and tools	M1: Regional Roundtables held.	Summaries & next steps	<ul style="list-style-type: none"> Two Regional Roundtables held per year: Yes/no. Internal, performance indicator, Work Area 2. # of participants at Regional Roundtables: At least 15 participants per Regional Roundtable. External, impact indicator. 	✓ Two regional roundtables (for Sub Sahara Africa and Asia Pacific) held with 25 and 40 participants respectively.
	M2: Technical workshops held.	Summaries & next steps	One technical workshop held per year: Yes/no.	✓





			Internal, performance indicator.	
	M3: Technical expert network developed.	Technical expert network on website	Yes/no & measure progress towards. Internal, performance indicator, Work Area 1.	Under development

II. Outreach and advocacy

Goals	Milestones	Outputs	Performance & Impact Indicators	
Goal 1: Increased visibility of the GlobalABC, its Work Areas and flagship products in the media and the buildings and construction sector generally.	M1: Key audiences identified, and messages developed.	Key messages developed	Yes/no. Internal, performance indicator,	✓
	M2: Communications strategy developed & implemented.	Communications strategy developed	Developed: Yes/no. Internal, performance indicator. Progress towards implementation: # of target activities implemented. Internal, performance indicator.	✓ 6 out of 11 strands implemented or begun implementation.
	M3: Media package available on website.	Media package developed	Yes/no. Internal, performance indicator.	✓



		and on website		
	M4: Media uptake of key products and key messages.	Media uptake of key products and messages	# of downloads and reflections of key messages in media. Internal, performance indicator.	<ul style="list-style-type: none"> ✓ Global Status Report cited in at least five national/international media/international websites including New York Times, the Asian Post, The Jordan Times, French South African Chamber of Commerce and Industry, twice by International Institute for Sustainable Development (IISD), here and here, Architecture and Design, the India Environmental Portal, Office for Government Policy Coordination, APO Analysis & Policy Observatory, Center for Research into Energy Demand Solutions (CREDS), and Singaporean Green Building Council. The World Economic Forum referenced GlobalABC as global organization working to mainstream zero carbon buildings.



M5: Dissemination
GlobalABC documents
(Global Status Report,
Roadmap, etc.) and results.

GlobalABC
documents
on website
and shared
through all
communication
channels

GlobalABC documents on website:
Yes/no; # and geographic diversity
of downloads: At least 1000
downloads of Global Status Report &
Global Roadmap.

**Internal, performance indicator,
Work Area 1.**

✓ GlobalABC start page with
flagship products accessed
3700 times between
December 2019 and
February 2020 alone, 2019
GSR twitter video viewed
over 12,000 times; GSR key
messages picked-up by at
least five international
media e.g. [New York Times](#),
the [Asian Post](#), the [Jordan
Times](#), [French South African
Chamber of Commerce and
Industry](#), twice by
International Institute for
Sustainable Development
(IISD), [here](#) and [here](#), the
[India Environmental Portal](#),
[Office for Government
Policy Coordination](#), [APO
Analysis & Policy
Observatory](#), [Center for
Research into Energy
Demand Solutions \(CREDS\)](#),
and [Singaporean Green
Building Council](#)



<p>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).</p>	<p>M1: Buildings Day at COPs held.</p>	<p>Buildings Day</p>	<p>Event held: Yes/no; # of participants: At least 100 participants</p> <p>Internal, performance indicator.</p>	<p>Buildings formed part of the official COP25 schedule. Overall ca. 500 participants at different buildings-related COP25 events.</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"> # of key events with GlobalABC participation. <p>Internal, performance indicator.</p> <ul style="list-style-type: none"> # of participants reached. <p>External, impact indicator.</p>	<p>✓ 14 (includes COP25 events), over 1000 participants reached.</p>
<p>Goal 3: Increased visibility of members' activities</p>	<p>M1: Good practices & 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.</p> <p>Internal, performance indicator, Work Area 1.</p>	<p>✓ Ca. 30</p>
	<p>M2: Full year calendar with members activities disseminated.</p>	<p>Full year calendar in place</p>	<p>Yes/no.</p> <p>Internal, performance indicator.</p>	<p>✓</p>



Goal 4: Continuous involvement reinvigoration of new and existing members, especially major developing countries and other key buildings and construction sector players.

M1: Member engagement strategy developed (including roles and responsibilities).

Member engagement strategy developed

Yes/no.
Internal, performance indicator.

Under development

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
Internal, performance indicator.

✓

M3: Member space actively used.

Use of member space

- # of members registered.
Internal, performance indicator.
- # of GlobalABC documents uploaded.
Internal, performance indicator.

✓ Ca. 80% registered
✓ Ca. 135 documents uploaded

M4: Members promulgate GlobalABC key messages and products.

Key message promulgation

of members promulgating GlobalABC key messages.
External, impact indicator, Work Area 1.

The 2019 Global Status report for Buildings and Construction is listed on members websites among others on the websites of [IEA](#), [UNEP](#), [GBPN](#), [WorldGBC](#), [WBCSD](#), [OID](#), [Construction21](#), [Re-Cities](#), [FIDIC](#), and [Singaporean Green Building Council](#). Further research is being undertaken





				on links on other members' websites (see also Annex IV).
	M5: Members link to GlobalABC website on own website / communications products.	GlobalABC website link	# of members linking to the GlobalABC website. External, performance indicator.	The 2019 Global Status report for Buildings and Construction is listed on members websites among others on the websites of IEA , UNEP , GBPN , WorldGBC , WBCSD , OID , Construction21 , Re-Cities , FIDIC , and Singaporean Green Building Council . More than 20 members mention the GlobalABC and refer to its website (see Annex IV). Further research is being undertaken on links on other members' websites.






III. GlobalABC resource mobilization

Goals	Milestones	Outputs	Performance & Impact Indicators	
Goal 1: Reliable funding base for the	M1: Fundraising strategy developed.	Fundraising strategy developed	Yes/no. Internal, performance indicator.	✓



GlobalABC developed	M2: GlobalABC donors further diversified.	Donor diversification	# of GlobalABC donors. Internal, performance indicator.	✓ 4 donors with direct financial contributions; multiple in-kind contributions.
---------------------	---	-----------------------	---	---

IV. Keeping the buildings and construction sector under review

Goals	Milestones	Outputs	Performance & Impact Indicators	
Goal 1: Tracking progress     	M1: Global Status Report developed; launched; spread and picked-up widely.	Annual GSR	<ul style="list-style-type: none"> GSR developed/launched: Yes/no. Internal, performance indicator. # and geographic diversity of GSR downloads: At least 1000 downloads. External, impact indicator. 	✓ GlobalABC start page with flagship products accessed 3700 times between December 2019 and February 2020 alone; 2019 GSR twitter video viewed over 12,000 times; GSR key messages picked-up by at least five international media e.g. New York Times , the Asian Post , the Jordan Times , French South African Chamber of Commerce and Industry , twice by International Institute for Sustainable Development (IISD), here and here , Architecture and Design , the India Environmental



				Portal , Office for Government Policy Coordination , APO Analysis & Policy Observatory , Center for Research into Energy Demand Solutions (CREDS) , and Singaporean Green Building Council
M2: GlobalABC/IEA database on policies and good practices developed.	Database	<ul style="list-style-type: none"> GlobalABC/IEA database developed: Yes/no Internal, performance indicator. # of policies and good practices uploaded onto database. Internal, performance indicator. 	Under development: IEA is developing a database with best-practice policies. Depending on available resources, the new GlobalABC website (under development) will feature a Regional Roadmaps database including best-practice policies.	



Annex II: The GlobalABC work plan 2019 as agreed upon by the 2019 Assembly

What	Where	When	Host/(co-) organizer	Target group	Description	
FLAGSHIP EVENTS	GlobalABC Assembly	Ottawa, Canada	20-21 Feb 2019	Natural Resources Canada	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. For approval at the Assembly:</p> <ul style="list-style-type: none"> • Draft GlobalABC Work Area objectives and work plans • Draft GlobalABC 2019 work plan and the associated budget. • Draft GlobalABC performance and impact indicators • Draft GlobalABC communications strategy <p>For information:</p> <ul style="list-style-type: none"> • GlobalABC narrative report 2018
	COP25 Buildings Day	Santiago, Chile	11-22 Nov 2019	Marrakech Partnership on Global Climate Action (MPGCA) & COP25 planning group	Buildings and construction sector stakeholders & decision makers	<p>Human Settlements will be a key theme of the MPGCA at COP25. Following the buildings and construction events and in particular the Buildings Action Symposium at COP24 which was linked to the Construction21 Green Solution Awards, the GlobalABC could organize a solution-oriented buildings and construction event at COP25, linked to sustainable buildings and construction awards.</p>
	Technical workshop	TBD	End of 2019 – possibly during COP25 or linked to the Swiss International Conference in India	TBD	All GlobalABC members	<p>The technical workshop will explore in depth a topic agreed upon by GlobalABC members, together with technical experts and, possibly, linked to a flagship publication. Outcomes will be a set of key recommendations for the specific theme. Findings will feed into a) the Regionalization of the Global Roadmap and the Global Status Report; b) Regional Roundtables, and c) the buildings events at COP25. A background paper is to be prepared as part of the workshop.</p>



Regional Roundtables

What	Where	When	Host/(co-) organizer	Target group	Description	
REGIONAL ROUNDTABLES	East Africa	Nairobi (TBC)	27-30 May 2019	UN Habitat Assembly (TBC)/Government of Kenya (TBC)	Country representatives from the region	Regional Roundtables aim to: <ul style="list-style-type: none"> • Foster match-making to work jointly towards a accelerate zero-emission, efficient, and resilient buildings and construction sector solutions across the (sub-) region, including those related to Nationally Determined Contributions (NDCs). • Facilitate dialogue on raising ambition levels in public policies, and on defining regional priorities, thus collecting input to the regionalization of Global Roadmap. • Engage more countries and organisations in the GlobalABC. A background paper is to be prepared for each Regional Roundtable.
	Asia	Vietnam/Malaysia/India	2 nd half of 2019	PEEB/UN ESCAP/India conference on residential building codes	Country representatives from the region	

Events with Strategic Importance for Buildings and Construction

What	Where	When	Host/(co-) organizer	Target group	Description	
Events with strategic importance for buildings and	Africa Climate week	Accra, Ghana	18-22 March 2019	UNFCCC/Nairobi Framework Partnership (NFP)	Buildings & construction community	Possible side event as part of the Energy Transition building block.
	Berlin Energy Transition Dialogue (BETD)	Berlin, Germany	8-12 April 2019	BMWi; Federal Foreign Office; PEEB/ IEA	Buildings & construction community	Possible joint side event with PEEB/IEA.
	International Conference on Climate Action (ICCA2019)	Heidelberg, Germany	22-23 May	BMU, Baden-Wuerttemberg, Heidelberg, GIZ	Buildings & construction community	GlobalABC representation envisioned.



 	27 th UN Habitat Assembly	Nairobi, Kenya	27-30 May 2019	UN Habitat	Buildings construction community	&	GlobalABC side event or Regional Roundtable for East Africa (TBC).
	G20 leaders' summit & related events	Osaka, Japan	28-29 June 2019	Government of Japan	Buildings construction community	&	GlobalABC representation envisioned.
	Union for the Mediterranean (UfM)	Jordan	June 2019 (TBC)	Union for the Mediterranean	Buildings construction community	&	UfM offered the possibility for co-branding. Possible GlobalABC contribution to a side event.
	High Level Political Forum on Sustainable Development (HLPF)	New York, USA	8-19 July 2019	UN HQ, New York	Buildings construction sector community and decision makers	&	This year is of particular interest to GlobalABC, since the HLPF review will include: <ul style="list-style-type: none"> • SDG 8: Promote inclusive and sustainable economic growth, employment and decent work for all • SDG 13: Take urgent action to combat climate change and its impacts. • SDG 17: Goal 17: Revitalize the global partnership for sustainable development.
	UN SG Climate Summit	New York USA	23 Sept 2019	UN HQ, New York	Buildings and construction sector stakeholders & decision makers	&	Strategically important event, the GlobalABC could develop and put forth a strategic commitment, possibly building on and amplifying the GCAS Net Zero Carbon Commitment (developed by WorldGBC) (TBC).
	Conference on residential building codes	New Delhi India	Nov 2019 (TBC)	BEEP (TBC)	Buildings construction community	&	Possible GlobalABC representation or Regional Roundtable (TBC).

Flagship Products

What	Where	When	(Co-) lead(s)	Target group	Description
Flagship ip Regionalization of Global Roadmap	Linked to Regional Roundtables	Through out 2019	IEA, BPIE, WRI, WorldGBC	National governments in given regions, all GlobalABC members	The update and regionalisation of the Global Roadmap is critical to help guide GlobalABC member governments and organisations in a coordinated and collaborative way. Inputs from and creating regional buy-in through Regional Roundtables are an essential element for a successful regionalisation. In 2019,



	Global Status Report 2019	Possibly at COP25 (TBC)	Nov/Dec 2019	International Energy Agency (IEA), and other partners (TBD)	Buildings construction community &	regionalization drafts for Latin America, Asia, and Africa are to be developed. The Global Status Report (GSR) provides an annual overview of the buildings and construction sector in terms of overall sustainability and specifically in terms of energy efficiency, greenhouse gas emissions, climate commitments, and measures such as building policies as well as best practice examples globally. The 2019 Global Status Report will be released in November/December 2019 and might be released in condensed form, preparing the 2020 edition in light of the buildings thematic being highlighted in 2020 by UNFCCC. As in previous years the GSR relies on GlobalABC member submission of data and case studies and will undergo a peer review process. A GSR task force might be established.
	NDC guidance tool – expansion towards tracking	Possibly at UN SG or COP25 (TBC)	2 nd half of 2019	Global Buildings Performance Network (GBPN) (TBC)	National policy makers	With a view to preparing for the review-year 2020 and building on the findings of the GSR 2017 that a majority of NDCs do not include concrete targets and measures for transforming the buildings and construction sector, the GlobalABC developed <i>A Guide for Incorporating Buildings Actions in NDCs</i> . The guide was based on research and data collected from several GlobalABC country members. This guide could be further developed in 2019 to serve as a tracking tool for buildings and construction in NDCs.

Work Areas

What	Where	When	(Co-) lead(s)	Target group	Description
WA1 Awareness & Education	N/A	Throughout 2019	WA1 co-lead	GlobalABC members and buildings & construction community	Raising awareness among stakeholders, communicating key messages and insights to the GlobalABC members and beyond as well as disseminating promising education and training initiatives and identifying any gaps that need addressing: <ul style="list-style-type: none"> • Sharing best practices & key messages and promoting GlobalABC's publications. • Disseminating training and education opportunities for building stakeholders. • Identifying and dissemination novel, promising approaches and solutions towards a zero-emission, efficient, and resilient buildings and construction sector



WA2 Public Policies <i>(including sub-work streams adaption & resilience and local governments)</i>	N/A	Through out 2019	WA2 co-lead	GlobalABC members & policy makers	<p>Uniting buildings and construction sector's stakeholders, in particular public authorities, through facilitating consistent, effective regulation, especially building codes, Nationally Determined Contributions (NDCs), norms, financial and fiscal incentives, including through:</p> <ul style="list-style-type: none"> Promoting inclusion of buildings and construction sector actions in NDCs & mapping existing opportunities to support policy implementation. Fostering the elaboration of regional, national and local low carbon sustainable buildings and construction strategies, including through the regionalization of the Global Roadmap. Fostering national and local buildings and construction alliances (building on existing networks).
WA3 Market Transformation	N/A	Through out 2019	WA3 co-lead	GlobalABC members & private sector entities	<p>Developing a guidance for companies to set science-based targets in a way that contributes to the reduction of life-cycle carbon emissions of buildings. This guidance will identify a common metric and a common language for all companies to use. This happens through the SBT4buildings project led by WBCSD. It aims to:</p> <ul style="list-style-type: none"> Map different stakeholders' impacts and dependencies along the value chain. Align different companies' efforts towards a global GHG emission reduction goal. Help companies set their carbon reduction targets across their supply chain.
WA4 Finance	N/A	Through out 2019	WA4 co-lead	GlobalABC members, finance institutions & policy makers	<p>Contributing to narrowing the public and private finance gap for investments in zero-carbon, efficient, and resilient buildings and construction, including property development through:</p> <ul style="list-style-type: none"> Continued focus on upstream capacity through the GSR (IEA to support) Proposal to coordinate a structured engagement between individual GlobalABC countries and donors, IFIs / development banks to collate information on energy efficiency and green building finance and programmatic initiatives (i.e., inputs and inflows into middle-income and emerging markets) so as to a) establish a baseline of activity and financing; b) avoid duplication of effort between donors and IFIs; and c) learn from and disseminate best practices.
WA5 Building Measurement, Data, and Information	N/A	Through out 2019	WA5 co-lead	GlobalABC members & institutions working on data	<p>Working toward a fair and harmonized measurement system basis to close the information gap and to support buildings and construction policy & investment with MRV Data.</p>



						<ul style="list-style-type: none"> • Develop guideline on scope of building passport (living document) • Gain greater international visibility • Assess possible cross-task cooperation on data relevant issues (for example science-based targets) • Test format or Building Passport
--	--	--	--	--	--	--

Communication

What	Where	When	(Co-) lead(s)	Target group	Description	
Communication	Implementation of the GlobalABC communications strategy	N/A	Throughout 2019	GlobalABC Secretariat with Steering Committee and all GlobalABC members	GlobalABC members and buildings & Construction community	<p>Proposed strands of the communications strategy and workplan comprise a menu of options, with a dual objective:</p> <ul style="list-style-type: none"> • Drive the transformation towards zero-emission, efficient and resilient buildings and construction. • Amplify member initiatives / activities / results. <p>Key strands include using GlobalABC flagship products more strategically, social media presence, network of spokespersons/champions, award mapping, and using existing communications channels such as website, newsletter, branding, and presence at key events. With a communications strategy in place, the GlobalABC will focus on implementing it, depending on support and resources available.</p>
	General communications support	N/A	Throughout 2019	Secretariat	Buildings and Construction community	General communications support for events, press-releases, website, etc. is to be provided through the GlobalABC Secretariat as well as through in-kind GlobalABC member contributions. The amount of support depends on available resources.

New Topics

What	Where	When	Champion	Target group	Description
------	-------	------	----------	--------------	-------------





New topics	Potential new topics for the GlobalABC	N/A	Through out 2019	Interested GlobalABC members	All GlobalABC members	<p>GlobalABC topics which were discussed at COP23 and which had been met with interest, but didn't yet find a champion, include:</p> <ul style="list-style-type: none"> • Informal housing/auto construction (Swisscontact) • Human factors/behavioural approaches (State Agency on Energy Efficiency and Energy Saving of Ukraine (SAEE) & Velux Group) • Building and construction Materials (World Business Council for Sustainable Development (WBCSD)) • Local energy services and the real estate sector (UN Environment Finance Initiative (UNEP FI)) • Design (TBC) • Building codes for hot climates (Swiss Agency for Development and Cooperation (SDC))
------------	--	-----	------------------	------------------------------	-----------------------	--





Annex III: GlobalABC communications strategy and key messages

Communications strategy

Communication and outreach are the backbones for the GlobalABC to meet its key objectives of raising ambitions to meet the Paris climate goals and mobilizing all actors along the value chain. To date and due to resource constraints, communications efforts have been concentrated on key events and flagship publications. However, for the GlobalABC to fully play its part as a leading platform, we need a step change to increase the GlobalABC's media and social media profiles. The proposed strands of the communications strategy and workplan comprise a menu of options, some of which constitute a continuation / professionalization of existing elements, others are actions with potential high impact and no or little additional cost beyond support in the Secretariat; while others would require additional resources.

Dual objectives:

- Drive the transformation towards zero-emission, efficient and resilient buildings and construction
- Amplify member initiatives / activities / results.

Tactics and milestones:

2020 is a big year that we need to work towards

- Submission of revised Nationally Determined Contributions, to increase the level of ambition, as per Paris Agreement;
- Buildings, for the first time will be at the centre of attention, chosen by the UNFCCC Secretariat as a focus area

Target audience of communication efforts:

Internal:

- GlobalABC Members

External:

- Primary audience: National Governments, Building/Property Owners (developers, real estate investors)
- Secondary audience: Local Governments, Private Sector companies along the Building Supply Chain, Finance sector players including Multilateral Development Banks and private finance institutions, insurance and reinsurance companies

Key messages:

1. A set of key messages has been prepared, extracting from the GlobalABC Framework document, GlobalABC Global Roadmap and the last Global Status Report. Key message will further evolve over time, and hence need to be revised regularly, before each launch of the next Global Status Report.
2. Mission: *Connecting governments, private sector and organisations to drive the transformation towards a zero-emission, efficient, and resilient buildings and construction sector*
3. Vision: *In a future-proof world all buildings – old and new – are zero emission, efficient and resilient.*



Key strands:

1. Using **GlobalABC Flagship products** more strategically for outreach and communication
 - a. Global Status Report
 - b. Regionalisation of the Global Roadmap
 - c. NDC Guide
2. **Social Media Presence** in key channels to create a unified brand and vision, engage key audiences with benefits to both the GlobalABC, individual members and target groups, and direct traffic to the GlobalABC website; during the GSR 2018 and 2019 launch social media have proven an excellent means to create a snowball effect, and absence of own Twitter/LinkedIn/Facebook accounts have been identified as a lacuna.
3. **Series of short videos**, to be used at events and in social media
 - a. 50 second Video: Why does the building sector matter in climate action
 - b. 3-minute Video: Animated presentation of the Global Status Report
 - c. Series with short interviews of architects lending their voice, and visualizing their respective approaches, to be developed through a strategic partnership with a broadcast company (Netflix / ARTE etc)
 - d. 3-minute Video curtain raiser: recut of the above, plus soundbites of country, city and industry Champions, messages from the co-chairs and the Secretariat. Include animation.
4. **Network of Champions**
 - a. Champion countries
 - b. Champion cities
 - c. Champion companies
 - d. Architects
5. **Network of Spokespersons**; Organised as a Task Team and composed of communications experts of 5-10 GlobalABC members, to support the key messages updates and outreach, outreach to media, and supporting the Champions
6. **Awards**; At COP24 we teamed up with the Construction 21 Awards, through a joint cocktail at the end of the GlobalABC technical workshop, combined with the Award Ceremony. GlobalABC members joined the selection committee of the Awards. Should we continue this practice? Support other awards too? Consider setting up own award under UNFCCC Momentum for Change?
7. **Campaign**; explore possibility to use World Environment Day 2020 – requires country host and support but enables great visibility.
8. **Website**; Websites evolve quickly and therefore need an overhaul every 2-4 years to keep up with standards and trends (more intuitive navigation; visually attractive, easy to maintain)
9. **Newsletter**; we had a simple version of a newsletter, which is at present being perfected. Newsletter is to be released at least quarterly giving an overview over coming events (of members and GlobalABC), reports, trainings, and other news. Each newsletters issue could include a profile of a different GlobalABC member
10. **Branding**; Strength in communication comes also with a strong visual identity, yet there is no unified visual identity of the GlobalABC as logo and individual products have been developed





in a rush and in a piece-meal fashion. Rudimentary branding guidance is available but requires further perfecting.

11. **Presence at key events:** UNEA4, One Planet Summit Africa, UN Habitat Assembly, Clean Energy Ministerial, World Environment Day, One Planet Summit in August, G7, SG's Summit, COP25.

Key messages

Buildings are a key driver of energy demand – almost 40% of the energy-related emissions causing climate change and 36 percent of final energy use

The buildings sector – a huge engine of the global economy – employs as much as 12% of the workforce in many countries.

Our buildings are massive, untapped opportunities to address climate change, increase prosperity and clean up our air.

There is positive news

Emissions from buildings and construction may have peaked in the past few years.

Energy efficiency gains come from:

- Heating, lighting and cooking and with more offices and homes increasingly powered by cleaner forms of energy.
- Shifts towards energy saving technologies like heat pumps, improved windows and insulation, the use of less energy-intensive materials, and buildings design.

Building stock increasing globally: urgently need climate-friendly, resilient standards now to #FutureProofBuildings and lock in green growth

The number of new buildings is likely to grow rapidly in the coming years, especially in Africa and Asia. This rapid growth will challenge the target of a 30% energy intensity improvement in buildings by 2030, needed to put the sector on track to meet the goals of the Paris Climate Change Agreement.

What we build today will be our emissions legacy, the buildings and construction sector needs to lock in new norms of energy efficiency, green materials, and better practice in design and construction.

The rising energy use from inefficient buildings will impact us all, whether it be through access to affordable energy services, poor air quality or higher energy bills.

Energy efficiency investment in buildings slows

Emerging gap between total energy efficiency spending – which increased by just over four per cent in 2017 to US\$423 billion – versus rapidly growing total investment in building construction and renovations. This indicates a slow-down in the rate of energy efficiency investment as a share of total investment when compared to previous growth rates.

An Emerging Challenge—Cooling Buildings

Energy demand for cooling systems and air conditioners is rising sharply, linked with improving incomes in developing countries and higher temperatures – such as recent heat waves this year in many parts of the globe – as a result of climate change.

Energy use for 'space cooling' has already increased by 33% between 2010 and 2018 and there are now more than 1.6 billion air conditioning units in buildings globally. Today, the largest markets are not in



the hottest countries on the planet: only 8% of the 2.8 billion people living in places with average daily temperatures above 25 degrees have an air conditioner.

There are many ways to deliver cooling in buildings, and the entry into force of the Kigali Amendment to the Montreal Protocol on Substances that Deplete the Ozone Layer could provide a boost to one of them, the global penetration of air conditioners that use climate-friendly gases. This needs to go hand in hand with efforts to achieve much higher levels of efficiency.

The Power of National Climate Action Plans (NDCs)

The scaling-up of national climate action plans—known as Nationally-Determined Contributions (NDCs)—represents a key opportunity to address a wide range of issues, by addressing policy gaps and unleashing a more committed decarbonisation of the buildings and construction sector.

Currently most NDCs (around half) mention specific actions to enhance energy-efficiency in buildings, building codes and energy certifications, yet only a few NDCs cover construction and ‘embodied carbon’ linked with the manufacturing of materials like steel and cement used to construct buildings in the first place.

Resilient Buildings – Humanity Needs to be Better Prepared

Building standards must evolve to reflect the urgency for more resilient buildings in the face of climate change and extreme events like storms, floods, high wind speeds and soaring temperatures.

Increasing numbers of real estate asset managers are now mapping climate risks for their buildings in their national adaptation plans communicated to UN Framework Convention on Climate Change. Brazil, Burkina Faso, Kenya and Sri Lanka are among the countries that have included buildings in their national adaptation plans.

Partner across industries and sectors to fast track the transition

Close to 500 companies with trillions of dollars in revenue, including several property, construction, cement and steel firms have now joined the [Science Based Targets](#) initiative, aligning their emission reductions with the Paris Agreement.

The World Green Business Council’s [Net Zero Carbon Buildings](#) commitment, commits 22 cities, 18 companies/organisations, and 5 states/regions to operate all buildings within direct control of the organisation at net zero carbon by 2030, and all buildings by 2050.

Global Status Report

Shines a light on actions happening in countries and communities everywhere, pinpointing wide-spread, smarter building codes as one key pathway to positive change.

Provides a snapshot of where the buildings and construction sector stands compared to where it needs to go, highlights exemplary action to tackle this challenge and calls upon others to share in these efforts to deliver on ambitions for a sustainable buildings and construction sector.





Annex IV: Global Status Report clippings and member references

2019 Global Status Report clippings

- New York Times: <https://www.nytimes.com/2019/11/20/style/engineered-wood-tower-construction.html>
- Asia Post: <https://theaseanpost.com/article/construction-sector-addressing-climate-change>
- IISD (first article): <https://sdg.iisd.org/news/global-status-report-calls-for-dramatic-improvements-in-building-design-and-operation/> (news)
- IISD (second article): <http://sdg.iisd.org/commentary/guest-articles/buildings-and-construction-a-sleeping-giant-for-climate-action/>
- Jordan Times: <https://jordantimes.com/news/local/report-calls-urgent-action-address-carbon-emissions-construction-sector> (no link to GSR)
- Architecture and Design: <https://www.architecturaldigest.com.cdn.ampproject.org/c/s/www.architecturaldigest.com/story/climate-change-design-architecture/amp>
- C21: <https://www.construction21.org/articles/h/2019-global-status-report-for-buildings-and-construction.html> (news)
- <https://www.construction21.org/france/articles/fr/rapport-annuel-de-la-gabc.html> (news)
- FIDIC (Peter Boswell): <http://www.peterboswell.net/blog/cop25-outcomes/> (publication)
- GBPN: <http://www.gbpn.org/china/newsroom/2019-global-status-report-buildings-and-construction> (China news)
- <https://www.gbpn.org/newsroom/2019-global-status-report-buildings-and-construction> (news)
- IEA: <https://www.iea.org/reports/global-status-report-for-buildings-and-construction-2019> (publication)
- OID (link doesn't work) <https://o-immobilierdurable.fr/actualites-evenements-que-sest-il-passe-pour-limmobilier-responsable-en-decembre-2019/>
- Re-Cities: <https://www.re-cities.org/living-lab-big-data> (publication)
- UNEP: <https://www.unenvironment.org/resources/publication/2019-global-status-report-buildings-and-construction-sector> (publications)
- <https://wedocs.unep.org/handle/20.500.11822/30950> (document repository)
- WBCSD : <https://www.wbcsd.org/Overview/News-Insights/General/News/Big-step-up-in-ambition-can-open-door-to-crucial-pollution-cuts-from-homes-and-workplaces-worldwide>
- WorldGBC: <https://www.worldgbc.org/news-media/2019-global-status-report-buildings-and-construction> (news)
- APO Analysis & Policy Observatory: <https://apo.org.au/node/271471> (resources)
- Center for Research into Energy Demand Solutions (CREDS): <https://www.creds.ac.uk/creds-supports-global-report-on-building-and-construction-launched-at-cop25/>
- Green Growth Knowledge Platform: <https://www.greengrowthknowledge.org/resource/2019-global-status-report-buildings-and-construction> (publication)
- French South African Chamber of Commerce and Industry: <https://www.fsacci.co.za/news/n/news/saint-gobain-2019-global-status-report-for-buildings-and-construction.html>
- India Environment Portal: <http://www.indiaenvironmentportal.org.in/content/466389/2019-global-status-report-for-buildings-and-construction-towards-a-zero-emissions-efficient-and-resilient-buildings-and-construction-sector/>
- Office for Government Policy Coordination: http://www.odakorea.go.kr/mz.bltn.PolicySl.do?brd_seq=35&bltn_seq=12&print_no=12 (publication)
- Singaporean Green Building Council: <https://www.sgbc.sg/latestnews/756-bigger-more-dramatic-action-is-needed-for-construction-sector-to-meet-climate-goals>





- World Economic Forum: <https://www.weforum.org/agenda/2020/01/zero-carbon-buildings-climate/>

Members referring to the GlobalABC on their website (additional research on all members underway):

WorldGBC: <https://www.worldgbc.org/global-alliance-buildings-and-construction>

IEA: <https://www.iea.org/areas-of-work/promoting-energy-efficiency/global-alliance-for-building-and-construction>

Plan Bâtiment Durable: <http://www.planbatimentdurable.fr/la-gabc-alliance-mondiale-pour-les-batiments-et-la-a1155.html>

FIEC: <http://www.fiec.eu/en/our-partners/gabc.aspx>

<https://www.buildup.eu/en/explore/links/global-alliance-buildings-and-construction-gabc-0>

GBPN: <https://www.gbpn.org/newsroom/join-global-alliance-buildings-and-construction>

WBCSD: <https://www.wbcd.org/Overview/Our-members/Partners/Global-Alliance-for-Buildings-and-Construction>

LafargeHolcim: <https://www.lafargeholcim.com/lafargeholcim-global-abc>

Construction21: <https://www.construction21.org/community/pg/file/9182/read/24629/global-alliance-for-buildings-and-construction-for-the-cop21-buildings-day>

CICA : <http://www.cica.net/cica-working-group-sustainable-construction-report-building-passport-task-force-kick-off-meetings-global-alliance-for-buildings-and-construction-globalabc/>

ESMAP: <https://esmap.org/node/57500>

PEEB: <https://www.peeb.build/>

La Voute Nubienne: <https://www.lavoutenubienne.org/-networks-85->

IISBE: <https://www.iisbe.org/node/222>

UIA: <https://uia.org/s/or/en/1122280368>

Wood Rise: <http://en.wood-rise-congress.org/2017/07/10/global-alliance-a-woodrise-partner/>

<http://bpie.eu/about/our-partners-and-sponsors/>

RICS: <https://www.rics.org/fr/news-insight/latest-news/news-opinion/rics-plays-leading-role-in-sustainable-finance-for-the-eu-buildings-sector/>

<http://www.lowcarbonlivingcrc.com.au/news/news-archive/2015/12/unprecedented-global-alliance-buildings-and-construction-combat-climate>

Rockwool: <https://www.rockwoolgroup.com/our-thinking/blog/net-zero-carbon-buildings/>

EDGE: <https://www.edgebuildings.com/marketing/edge/>





Annex V: NDC updates

The following countries have **updated/developed new NDCs** which include buildings and construction:

Kuwait

In May 2018, the Government of Kuwait submitted its NDC that proposes a set of large projects aimed at reducing the GHG emissions of the energy sector. As part of its climate commitment, the country has developed legal and regulatory instruments, including an Environmental Protection Law in which Article 11 highlights the government's interest in improving energy efficiency in the buildings sector through the use of better materials and equipment (light bulbs, air conditioning, retrofitting, etc.).

Oman

Oman intends to reduce its GHG emissions by 2% during 2020-30. The government plans to adopt various mitigation measures for the energy, industrial processes and waste sectors, including promoting energy efficiency and reducing the use of HCFCs (hydrochlorofluorocarbons) in foam and refrigeration. Oman has also requested special support for funding, capacity-building and technology transfer to effect further action on sustainable buildings.

San Marino

Despite contributing only 0.00052% of global emissions, San Marino has committed to reduce its GHG emissions to 20% below the 2005 level by 2030. Since 2008, San Marino has deployed environmental policies to improve buildings sector energy efficiency, promote renewable energy through solar photovoltaic (PV) and reduce energy consumption. Additional efforts on waste management, solvent emissions and new technologies have been made in recent years.

Suriname

In February 2019, Suriname submitted its NDC that focuses on promoting further actions for forest management and renewable energy. The government prepared a National Energy Plan 2013-2033 that outlines PV, waste-to energy, micro-hydro power, wind, and biomass initiatives. The plan also includes a national energy efficiency programme to support efficient appliances, energy-saving in buildings and consumer awareness in electricity consumption. Additional climate change actions have been taken through the National Climate Change Policy, Strategy and Action Plan (NCCPSAP) that provides the legislative and administrative framework for low-carbon development in the country.

Uzbekistan

Uzbekistan intends to reduce its specific carbon emissions per unit of gross domestic product (GDP) to 10% below the 2010 level by 2030. The efforts of the country cover three main pillars: energy efficiency; research, education and training; and control and monitoring of GHG emissions. Specific measures to improve energy efficiency in buildings to reduce the country's overall energy consumption and to develop financial schemes to support these actions are key measures within the energy efficiency pillar.





Annex VI: All GlobalABC members

The GlobalABC gathers 128 members, among which are 29 national governments, and over 90 non-state organizations:

Country name / abbreviation	Institution / full name
National governments (29)	
Argentine Republic	Secretariat 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
Côte D'Ivoire	Ministry of Health, Environment and Sustainable Development/Ministre de la Salubrité, de l'Environnement et du Développement Durable (MINSÉDD)
Republic of Croatia	Croatian Government Real Estate Agency
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 & Inclusive Transition (METS) & Ministry of Territorial Cohesion (MCT)
Federal Republic of Germany	Federal Ministry for Economic Affairs and Energy
Japan	Ministry of Land, Infrastructure, Transport and Tourism & Ministry of Foreign Affairs
Hashemite Kingdom of Jordan	Ministry of Energy and Mineral resources MEMR – Jordan Renewable Energy and Energy Efficiency Fund JREEEF
Mongolia	Ministry of Environment and Tourism
Kingdom of Morocco	Ministry of National Territory Development, Urban Planning, Habitat and Urban Policy
Kingdom of Norway	Ministry of Climate and Environment
Republic of Peru	Ministry of Housing Construction & Sanitation (VIVIENDA)
Russian Federation	Ministry of Construction, Housing, and Utilities
Republic of Senegal	Ministry of Environment and Sustainable Development
Republic of Singapore	Building and Construction Authority (BCA) & Ministry of Foreign Affairs
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 Mexican States	Secretariat of Agrarian, Land, and Urban Development, Secretariat of Energy (SENER)
United States of America	United States Department of Energy
Socialist Republic of Vietnam	Ministry of Natural Resources and Environment & Ministry of Construction
Public agencies (6)	
ADEME	The French Environment & Energy Management Agency
AFD	French Development Agency





Bosnia and Herzegovina Chamber of Commerce Federation	Bosnia and Herzegovina Chamber of Commerce Federation
dena	German Energy Agency
GIZ	German Corporation for International Cooperation GmbH
Swisscontact Peru	Swiss Foundation for Technical Cooperation Peru
Local governments and related networks (11)	
State of California	State of California
Dubai Land Department	Dubai Land Department
ICLEI	ICLEI - Local Governments for Sustainability
Energy Cities	Energy Cities - Local Authorities in Energy Transition
City of Medellín	Municipality of Medellín
Mexico City	Mexico City
Province of Ontario	Province of Ontario
Tokyo Metropolitan Government	Tokyo Metropolitan Government
City of Vancouver	City of Vancouver
Capital City of Warsaw	Capital City of Warsaw
WRI	World Resources Institute
Civil society organisations and related networks (33)	
10YFP SBC	The Sustainable Buildings and Construction Programme of the One Planet Network ¹
ACE	Architects' Council of Europe
ALENER	Alliance for Energy Efficiency
Architecture 2030	Architecture 2030
AVN	Nubian Vault Association / La Voute Nubienne
Climate-KIC	Climate-KIC
Construction21	Construction21
CTCN	Climate Technology Centre and Network
ECREEE	ECOWAS Centre for Renewable Energy and Energy Efficiency
ENERGIES 2050	ENERGIES 2050
FFB	Federation Française du Bâtiment
Fibrenergie	Fibrenergie
GFHS	Global Forum on Human Settlements
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

¹The One Planet Network is the network of the 10 Year Framework of Programmes on Sustainable Consumption and Production Patterns (10YFP)



IPHA	International Passive House Association
ICP	Investor Confidence Project
OID	Observatoire de l'Immobilier Durable
Plan Bâtiment Durable	Plan Bâtiment Durable
R20 Regions of Climate Action	R20 Regions of Climate Action
Renovate Europe	Renovate Europe
RHF	Réseau Habitat et Francophonie
RIBA	Royal Institute of British Architects
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
ULI	Urban Land Institute
UIA	International Union of Architects
WorldGBC	World Green Building Council
Research institutions/think tanks and related networks (11)	
BPIE	Buildings Performance Institute Europe
C2E2	Copenhagen Centre on Energy Efficiency
CABR	China Academy of Building Research
CRCLCL	Cooperative Research Council for Low Carbon Living
CSTB	Centre Scientifique et Technique du Bâtiment
CUES	CUES Foundation
GBPN	Global Buildings Performance Network
Re-Cities	Re-imagining Cities Foundation
RICS	Royal Institution of Chartered Surveyors
UCL Bartlett School	University College London Bartlett School
Wood Rise Alliance	Institute of Technology FCBA on behalf of Wood Rise Alliance
Intergovernmental organizations/agencies (14)	
EACREEE	East African Centre of Excellence for Renewable Energy and Efficiency
GEF	The Global Environment Facility
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
SACREEE	SADC Centre for Renewable Energy and Energy Efficiency
UN ECE	United Nations Economic Commission for Europe



UN Environment	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
Private sector enterprises and related networks (25)	
Autodesk	Autodesk
Broad Group	Broad Group
CBCS	Brazilian Sustainable Construction Council
CCC	Consolidated Contractors Company
CICA	Confederation of International Contractors Association
Cluster EMC	Cluster Efficacité Énergétique de Matériaux de Construction
Danfoss	Danfoss
DGNB GmbH	German Sustainable Building Council GmbH
EuroAce	The European Alliance of Companies for Energy Efficiency in Buildings
FIDIC	International Federation of Consulting Engineers
FIEC	European Construction Industry Federation
GBCSA	Green Building Council of South Africa
LafargeHolcim	LafargeHolcim
Passive House Canada	Passive House Canada
Rockwool	Rockwool Group
Saint-Gobain	Saint-Gobain
SBA	Smart Buildings Alliance for Smart Cities
Sekisui House	Sekisui House
SETA Network	SETA Network
Suez Environment	Suez Environment
GBCI	Green Business Certification Inc.
Thermaflex	Thermaflex International B.V.
Velux	Velux
Veolia	Veolia
WBCSD	World Business Council for Sustainable Development





Annex VII: The GlobalABC Steering Committee

National governments:

- French Republic - Ministry of Ecological and Inclusive Transition (MTES) – co-chair. *Régis Meyer, Yves-Laurent Sapoval*. Paris, France.
- Kingdom of Morocco - Ministry of National Planning, Urban Planning, Housing, and City Policy (MHPV). *Majida El Ouardirhi, Soraya Khalil*. Rabat, Morocco.
- Swiss Confederation - Swiss Agency for Development and Cooperation (SDC). *Mirjam Macchi Howell*. Bern, Switzerland.
- Ukraine - State Agency on Energy Efficiency and Energy Saving (SAEE). *Kyryl Tomliak*. Kiev, Ukraine.
- United Arab Emirates – Ministry for Infrastructure Development. *Tala Abu Shuqair*. Dubai, United Arab Emirates.

Local governments and related networks:

- ICLEI-Local Governments for Sustainability. *Maryke van Staden*. Bonn, Germany.

Civil society, think tanks, and related networks:

- World Green Building Council (WorldGBC). *Sarah Millar*. London, United Kingdom.
- Building Performance Institute Europe (BPIE). *Oliver Rapf*. Brussels, Belgium.

Private sector enterprises and related networks:

- Saint-Gobain. *Emmanuel Normant*. Paris, France.

Intergovernmental organizations:

- International Energy Agency (IEA). *Melanie Slade*. Paris, France.

Work Areas:

1. Sustainable Buildings and Construction Programme (SBC) of the One Planet Network*. *Pekka Huovila*. Helsinki, Finland.
2. Federal Ministry of Economic Affairs and Energy (BMWi), Federal Republic of Germany. *Sophia Krietenbrink*. Berlin, Germany.
3. World Business Council for Sustainable Development (WBCSD) – co-chair. *Roland Hunziker*. Geneva, Switzerland.
4. UN Environment Finance Initiative (UNEP FI). *Matthew Ulterino*. Washington DC, USA.
5. Royal Institution of Chartered Surveyors (RICS). *Ursula Hartenberger*. London, UK/Brussels, Belgium.

UN Environment as GlobalABC Secretariat host. *Natacha Nass, Martina Otto, Nora Steurer*. Paris, France.

Co-chairs:

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

