Sustainable Buildings and Construction Programme

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www.oneplanetnetwork.org/sustainable-buildings-and-construction
**SBC & SDGs**

Construction industry accounts for 6% of global GDP

Employs 10% of the workforce globally

200,000 new urban dwellers every day worldwide

20% of the world’s population lacks adequate housing

Consumes 40% of total global raw materials used

Produces 30% of the global material waste

40% of energy-related carbon dioxide (CO₂) emissions

Urgent need to make sustainable building and construction practices the normal practice

**SBC Supports and Contributes To**

- Urban farming
- Construction plastics
- CSR

**Priority Themes**

- Health
- Innovations
- Cities
- Climate
- Employment

**SBC Programme Mandate**

- 10YFP
- One Planet Network

## The SBC Programme 2015-2018

A Network of more than 70 SBC champions and practitioners → More than 400 affiliated programme activities reported

<table>
<thead>
<tr>
<th>Activities</th>
<th>Results</th>
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<tbody>
<tr>
<td>1. Awareness raising</td>
<td>• More than 10 events (conferences, workshops, side events)</td>
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<tr>
<td>2. Knowledge sharing</td>
<td>• More than 60 knowledge resources and technical tools</td>
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</table>
| 3. Development of practical tools, policy guidance and collaborative projects | • 10 Policy instruments  
• 50 training activities  
• 5 pilot projects (micro demonstration projects) |
The BAMB project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 642384.

# BuildingCircular – Sustainable Buildings & Construction Programme (SBC)

<table>
<thead>
<tr>
<th>SBC Programme Workstreams</th>
<th>BAU scenario</th>
<th>Scale-up</th>
<th>Implementation scenario</th>
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<tbody>
<tr>
<td><strong>Foster enabling frameworks to implement SBC policies (WS1)</strong></td>
<td>Can do now... with focus on housing/buildings construction</td>
<td>Scale-up</td>
<td>Can do if increased commitment/support... with expanded scope on built environment</td>
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<tr>
<td><strong>Support and Promote Sustainable Housing (WS2)</strong></td>
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<td><strong>Enhance Sustainability in the Building Supply Chain (WS3)</strong></td>
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<td><strong>Reduce climate impact and strengthen climate resilience of the building and construction sector (WS4)</strong></td>
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<td><strong>Knowledge sharing, outreach and awareness raising (WS5)</strong></td>
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<tr>
<td><strong>Foster enabling frameworks to implement SBC policies (WS1)</strong></td>
<td>• Activities mainly at global level</td>
<td></td>
<td>• Focus at regional and national levels</td>
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<td></td>
<td>• General SBC advocacy and awareness raising</td>
<td></td>
<td>• Increase understanding of local context and build local commitment</td>
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<td></td>
<td>• Sharing of SBC partner experiences and knowledge on SBC policies, tools and practices</td>
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<td>• Build regional and national coalitions</td>
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<td></td>
<td>• Stakeholder dialogues mainly within or though SBC network</td>
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<td>• Develop tools and country tailored approaches</td>
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<td>• Training and capacity building mainly online</td>
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<td>• Translate key knowledge resources/tools in different languages</td>
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<td></td>
<td>• Micro pilot projects (e.g. Colombia, MAS-Ship, SHERPA)</td>
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<td>• Direct support for regional and national implementation through coalition building and practical testing</td>
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<td>• Encourage partnerships by building consortiums to respond to calls for proposals</td>
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<td>• Regional or national training workshops/weeks</td>
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The SBC programme scale-up approach for 2019-2022

Make the case to countries
- SBC Country profiles and assessments
- Proven tools, best practices and case studies collected
- Advocacy briefs and position papers

Provide/facilitate access to training & technical and policy guidance based on science
- Tailored and targeted technical and policy guidance for SBC
- Training courses/packages and delivery of trainings

Fostering/building partnerships for implementation
- Joint SBC project proposals designed, submitted and funded
- New innovative partnerships and project delivery systems for sustainable built environment

Applied to 3 thematic focus areas
- Thematic Focus area 1 (WS1): Affordable and resilient building practices
- Thematic Focus area 2 (WS2): Sustainably sourced materials
- Thematic Focus area 3 (WS3): Circular built environment

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