The 10YFP Programme on Sustainable Buildings and Construction
www.unep.org/10yfp

What is the 10 YFP?
The 10 Year Framework of Programmes on Sustainable Consumption and Production Patterns (10YFP) is a concrete and operational outcome of Rio+20. The 10YFP is a global framework that enhances international cooperation to accelerate the shift towards sustainable consumption and production (SCP) in both developed and developing countries. It provides capacity building and technical and financial assistance to developing countries, and encourages innovation and cooperation among all countries and stakeholders, so as to shift to SCP patterns. The 10YFP has six initial programmes. UNEP serves as the Secretariat of the 10YFP and administers the Trust Fund.

Need more info? Visit www.unep.org/10yfp
The 10YFP Sustainable Buildings and Construction Programme aims to foster a mutual understanding of sustainable buildings among relevant stakeholders and to identify the knowledge, resources and incentives required to build, maintain and use them; ensuring structures are healthy to live and work in; that they sustainably utilise energy, water, land and other key resources, respect environmental limits; are responsive to climate change; and contribute to the social and economic development of the communities where they stand.

The Sustainable Buildings and Construction Programme Areas

Programme Mission and Objectives

The 10YFP Programmes aim to:
- Share information and tools to learn best practices
- Increase cooperation and networking among all stakeholders
- Raise awareness and engage civil society
- Strengthen and make use of scientific and technological capacities
- Foster innovation and new ideas, while increasing recognition of traditional knowledge.

SBC PROGRAMME AREAS

1. Establish, promote, and enable conditions for sustainable building and construction policies
   - Foster and share research, tools, financial and other approaches
   - Maintain and engage in global dialogue to develop and promote common language and tools related to SBC
   - Foster enabling frameworks for SBC

2. Support and promote sustainable housing
   - Piloting sustainable housing approaches in the affordable and social housing markets
   - Promote SBC policies for the broader housing sector
   - Support synergies with relevant programmes e.g. SPP

3. Enhance sustainability in the building supply chain
   - Identify and share analytical tools, and conceptual work to improve knowledge for resource efficient decisions
   - Promote policies to integrate resource efficiency
   - Engage upstream stakeholders and supply chains towards resource efficiency

4. Reduce climate impact and strengthen climate resilience of the building and construction sector
   - Identify and share core analytical tools, conceptual work and improved knowledge base for supporting decision making for a more climate resilient and low emission buildings and construction sector
   - Promote resilient and low emission SBC planning and piloting

The Life Cycle Approach to SBC Development

The lifecycle of buildings is very complex with a large number of actors involved at all stages of the building process. A building’s performance and resource efficiency is impacted by decisions at all stages: from how a project is planned and designed, financed, and constructed; how it is used and operated; and disposed, reused or recycled at the end of its life. Growth in resource demand and material use in the sector has far exceeded population growth in the 20th century.

The SBC Programme will apply the life cycle approach to development, particularly to planning, design, investment, construction, operations and management, promotion and marketing, production and consumption of sustainable goods and services, material disposal, reuse and recycling, and monitoring and evaluation.
Why a 10YFP Programme on Sustainable Buildings and Construction?

Buildings and Construction sectors account for 40% of global energy use, 30% of energy-related GHG emissions, approximately 12% of water use, nearly 40% of waste, and employs 10% of the workforce, including many SMEs. The built environment can catalyse opportunities for a wide array of global and local challenges including climate change, land-use, demographic shifts, water and other resource scarcities. Two billion additional urban inhabitants are expected by 2030, the majority of whom will be in the rapidly growing cities of Africa, Asia, and Latin America. With this rapid growth comes an urgent need for sustainable buildings and construction and through the integrated, global approach and support of this programme, buildings can improve the social, environmental and economic performance of cities, regions and nations.
Join the Sustainable Buildings and Construction Programme!

Partners are essential! By joining you will:

- Access a global network of organizations and individuals working together to implement projects
- Share your experience and learn from others
- Benefit from advice and technical support on project design and implementation
- Be able to apply for financial support for sustainable buildings projects in developing countries through the 10YFP Trust Fund

How can I get involved?
The Sustainable Buildings and Construction Programme is open to all organizations and individual experts that are interested in joining a collaborative platform to support the shift to SCP in the sector. Send us your expression of interest!

Contact the 10YFP Sustainable Buildings and Construction Programme Coordinating Desk:
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Visit the Global SCP Clearinghouse
10YFP’s comprehensive web portal for SCP
Sign up today! http://www.scpclearinghouse.org

Reducing the global resource use of Buildings and Construction is key…
The buildings and construction sector has major impacts on our environment through its resource use (land, materials, energy, water); emissions (GHGs, particulates, waste) and on biodiversity. The sector can also play an important role in improving the environment by reducing pollution and recycling and reusing its own waste streams as inputs. In addition, buildings contribute to human health, safety and comfort. Construction activities provide employment and innovation opportunities. Thus, the SBC programme provides an excellent platform for contributing to sustainable consumption and production together with other 10YFP programmes, notably Sustainable Public Procurement, Consumer Information, Sustainable Tourism and Sustainable Lifestyles and Education, in a complementary way.