



Global Energy Efficiency and Construction Outreach Programme (GLECOP)



Country/Region

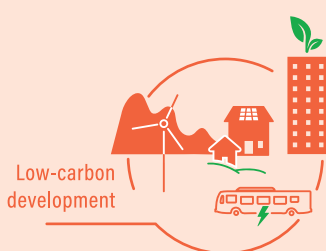
Global

*Safal Profitaire building in Ahmedabad, India, with vertical external moveable shading system.
(©GlobalABC 2021, Source: Buildings-GSR 2021)*

The Global Energy Efficiency and Construction Outreach Programme (GLECOP) contributes to low-emission, energy-efficient and resilient buildings and construction sector development at the global level by supporting policies, strategies and plans to promote energy efficiency and decarbonise the buildings and construction sector. The programme supports two multilateral initiatives: The Global Alliance for Buildings and Construction and the Energy Efficiency in Emerging Economies Programme. With its support, Switzerland aims to leverage successful practices from its bilateral

projects at the global level to strengthen energy efficiency policies in the buildings sector.

Much of the potential for saving energy and reducing CO₂ emissions lies in the buildings and construction sector. Currently, 40% of global CO₂ emissions originate from the building and construction sector. Population growth and rising purchasing power are expected to lead to a doubling of floor space and energy demand in buildings worldwide by 2050. To limit global warming to 1.5°C, a change of direction is needed and the building sector needs to be decarbonized.



Phase Duration

01.01.2022 to 31.12.2025 (Phase 2)

Financial contribution of SDC

CHF 2'000'000

Target groups

The target audience is policymakers and technical experts globally and in particular in the focus emerging countries China, India and Mexico

Achievements so far

- 12 energy efficiency policy trainings were held with the participation of 1'500 persons.
- 1 global and 3 regional roadmaps (Africa, Asia and Latin America) were launched demonstrating key actions to decarbonise the building sector and reduce emissions from buildings.
- Developed a roadmap for mainstreaming energy efficiency in residential buildings in India.
- Provided support to the development of China's Green Cooling Action Plan.

Project Objectives

- Enhanced knowledge products and evidence for informing policy making and implementation by developing models, tools and reports that inform decision-makers on energy efficient measures and measures to decarbonise the building sector.
- Improved capacities to formulate and implement policies to decarbonize the building sector.
- Fostered political will to promote energy efficiency measures and decarbonise the building sector.

Expected results for 2022–2025

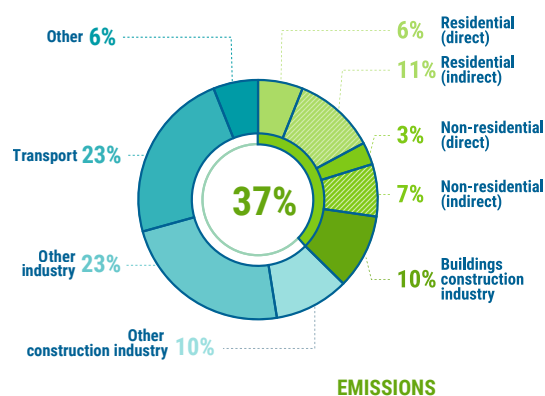
- Improved data collection and analysis in targeted countries.
- Key publications are picked-up widely and best practices have been identified and shared globally and adapted to national contexts of targeted countries.
- Pool of experts trained on formulating and implementing energy efficiency policies.
- Regional and country specific roadmaps established and launched.
- Increased awareness and evidence of the multiple benefits of energy efficiency measures and decarbonising the building sector.
- Increased actions and commitments to decarbonise the building sector of partner countries.

How this will be achieved

Switzerland will take an active role in both initiatives to ensure that aspects and priorities important to Switzerland, such as the inclusion of passive cooling and energy retrofits in building sector standards and norms, as well as the inclusion of material and circular economy aspects in building sector decarbonisation roadmaps, are taken into account.

The Energy Efficiency in Emerging Economies Programme works in three areas that influence policy reforms: political will, capacity and institutional expertise for policy formulation and implementation, and the availability and quality of data and information to inform policy and decision-makers.

The Global Alliance for Buildings and Construction has identified a global roadmap and three regional roadmaps (Africa, Asia and Latin America) to address key barriers to low-carbon, energy-efficient and resilient buildings.



Building's and construction's share of global energy-related CO₂ emissions, 2020 (@GlobalABC 2021, Sources: IEA 2021; Buildings-GSR 2021)

Additional information

The Global Alliance for Buildings and Construction
<https://globalabc.org/index.php/>

The Energy Efficiency in Emerging Economies Programme of the International Energy Agency
<https://www.iea.org/programmes/energy-efficiency-in-emerging-economies>

Partners

Contributions to:

- UN Environment Programme for the Global Alliance for Buildings and Construction initiative
- International Energy Agency for the Energy Efficiency in Emerging Economies Programme

Contact

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Swiss Agency for Development and Cooperation SDC