
Exploring urban climate finance in the NDCs

Project Launch

The Global Covenant of Mayors for Climate and Energy (GCOM) will collaborate with the UNESCO Chair on Urban Resilience at the University of Southern Denmark (SDU. Resilience) and the United Nations Human Settlement Programme (UN-Habitat) to develop research activities on urban climate finance, aiming at supporting informed decision making and at increasing the ambition of climate action through multilevel governance.

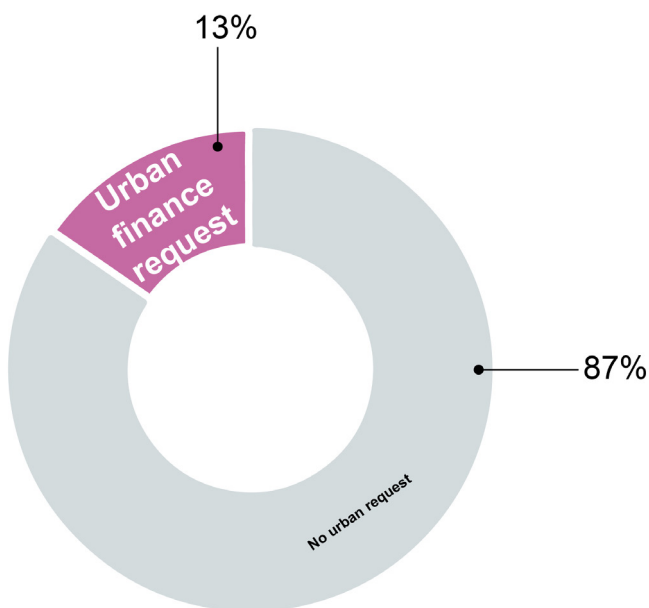
The research collaboration will include:

- the mapping and analysis of urban climate finance needs in selected countries;
- the mapping of current urban climate finance initiatives and tools;
- the development of capacity-building initiatives on urban climate finance.

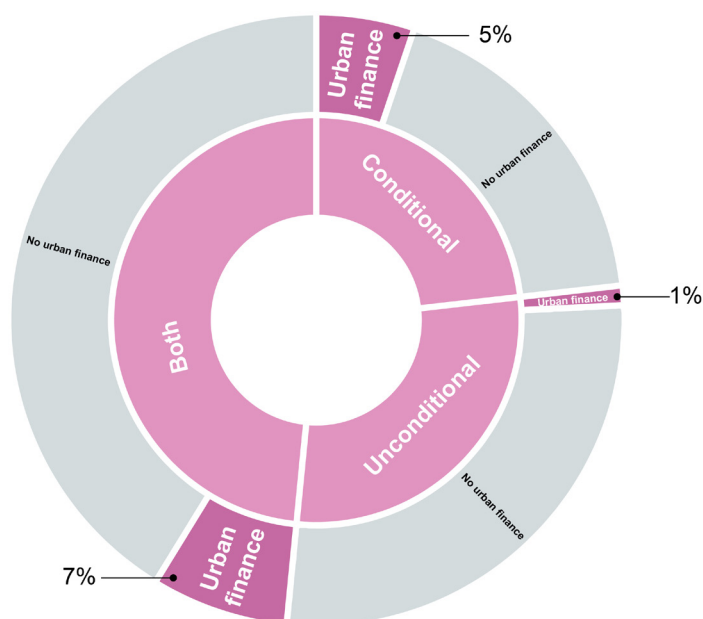
Urban climate finance in the NDCs

The NDC documents were analyzed against a system of indicators that explored national and urban, climate mitigation and adaptation, challenges and repossess, climate vulnerabilities and crosscutting issues. The analysis covered the latest 194 NDCs submitted to the Secretariat of the UN Framework Convention on Climate Change (UNFCCC) before 27th of June 2023. Globally, cities are thought to be responsible to the majority of primary energy consumption and GHG emissions.

NDCs including a request for urban climate finance

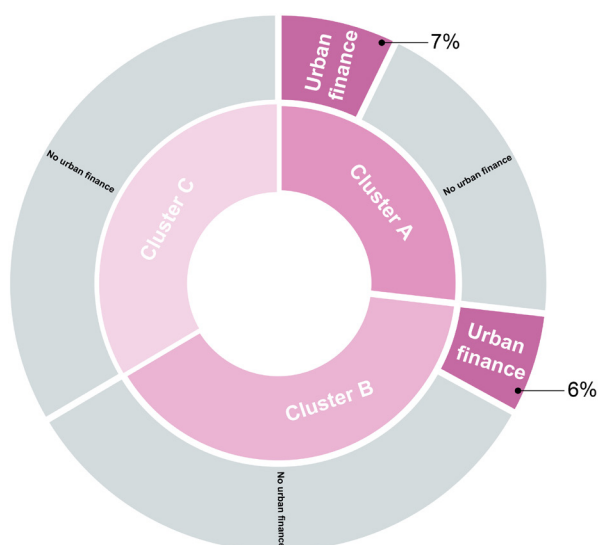


NDCs including a request for urban climate finance conditional or unconditional to international support or both (percentages refer to the total)



- 129 NDCs have urban content (66%): 53 NDCs (27%) have strong urban content (Cluster A), and 76 NDCs (39%) have moderate urban content (Cluster B). 65 NDCs (34%) have no urban content at all.
- 28 NDCs (14%) include a request for international support at the urban level. 19 only in the shape of climate finance, 2 only in the shape of capacity building. No NDC requests only technology.
- 7 NDCs request support for finance, capacity building and technology (all 3).
- 166 NDCs (86%) have no request for support at the urban level.
- Among the 26 countries that request finance support at the urban level, 10 NDCs are conditional to international support, 2 are unconditional and 14 contain both conditional and unconditional provisions.

NDCs including a request for urban climate finance and the NDC cluster (percentages refer to the total)

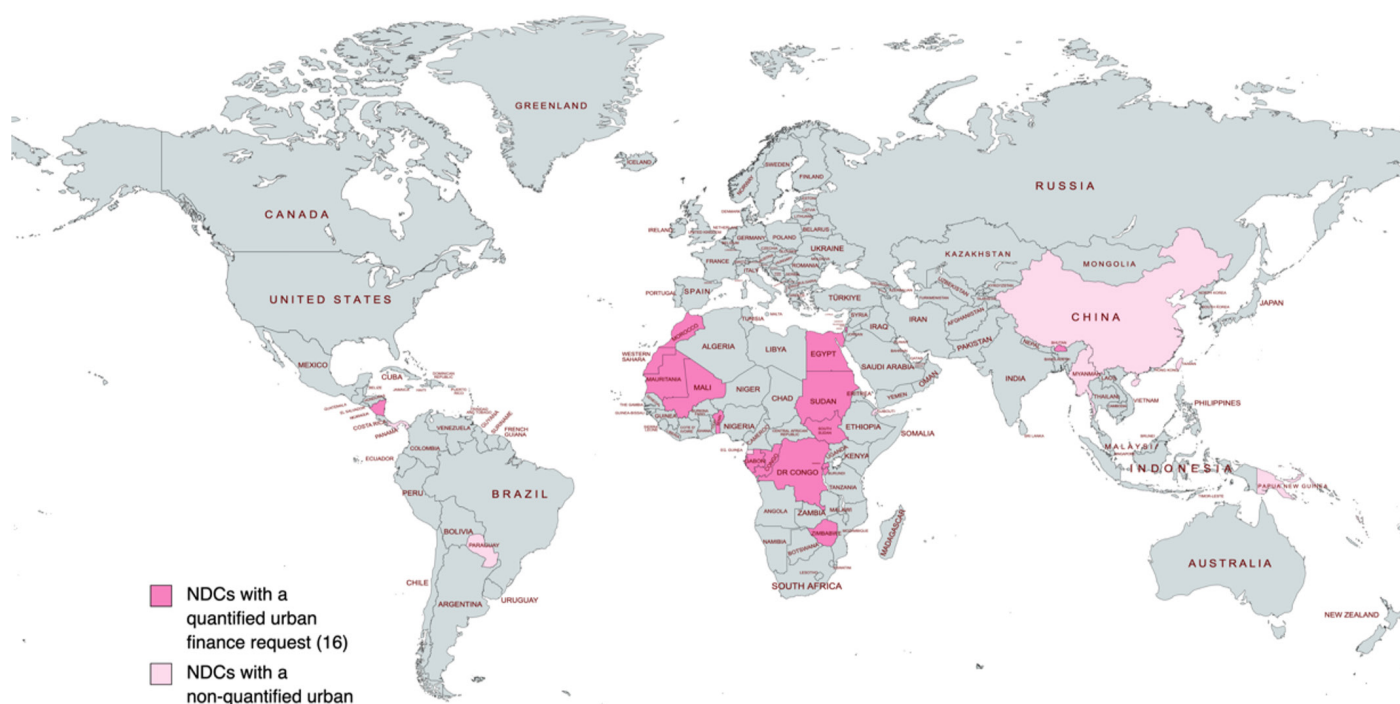


- Among the 26 countries that request finance support at the urban level, whether together with capacity building and technology or not, 14 belong to cluster A (54%), while 12 NDCs belong to the cluster B (46%), moderate urban content in the NDC.

Urban finance is poorly portrayed in the NDCs.

- 16 NDCs, 62% of the NDCs that include a request for urban finance and only 8% of the total analyzed NDCs, quantify the request.
- A systematic approach to the inclusion of urban areas in the NDCs and the estimation of the required investments in urban climate action is pivotal.
- Preliminary research suggests that for the 16 NDCs that quantify their request the cumulative estimate is 30 billion USD circa.
- Additional research is needed to estimate the overall size of the urban investments necessary for mitigation and adaptation compared to the mobilized funds.

Mapping of NDCs including a request for urban climate finance



Highlights:

- In total, of **194 NDCs**, **129 NDCs (67%)** have urban content: **53 NDCs (27%)** have strong urban content, and **76 NDCs (39%)** have moderate urban content.
- Only **26 NDCs out of 194 (13%)** include a request for urban climate finance. Only **16 (8%)** quantify their request for urban climate finance.
- Urban climate finance is **not adequately portrayed** in the NDCs. Further research is needed to estimate the size of climate finance for mitigation and adaptation in urban areas.

Authors:

Nicola Tollin, UNESCO Chair on Urban Resilience, University of Southern Denmark

Patrizia Gragnani, Sant'Anna School of Advanced Studies, Pisa

Benjamin Jance IV, GCOM

Davide Cassanmagnago, GCOM

Andy Deacon, GCOM

Bernard Barth, UN-Habitat

Contacts:

Nicola Tollin: Professor, UNESCO Chair on Urban Resilience, University of Southern Denmark,
nto@iti.sdu.dk

Patrizia Gragnani: PhD candidate, Sant'Anna School of Advanced Studies, Pisa,
pgra@iti.sdu.dk