

Technical Expert Meetings on Mitigation TEM-M 2020

“Human settlements: sustainable low-emission housing and building solutions. Technologies and design for buildings, housing and construction”

Session 3: Developing pathways for moving to scale

Development of NDC Roadmap for Low-carbon and climate-resilient Buildings and Construction Sector in Vietnam

Vietnam – starting NDC implementation in the building sector

Building sector

- **Fast-growing with 30% of total energy consumption, mainly in residential and commercial buildings**

NDC commitments

- **Until 2030** reduce GHG emissions by **11.84 Mio tCO₂e (8%)** and unconditionally by **37.83 Mio tCO₂e (25.7%)**
- **Vision for 2031 to 2050** to achieve **zero emissions from the construction industry by 2050**



**Ministry of Environment and
Natural Resources (MONRE)**

Prime Minister Decision No. 2053/QĐ-TTg (2016):
Plan to implement the Paris Agreement

**Implementation of Paris Agreement in
the building and construction sector**



Ministry of Construction (MOC)

Minister of Construction Decision No.967/QĐ-BXD (2020):
Action plan to implement Paris Agreement in period 2020-2030

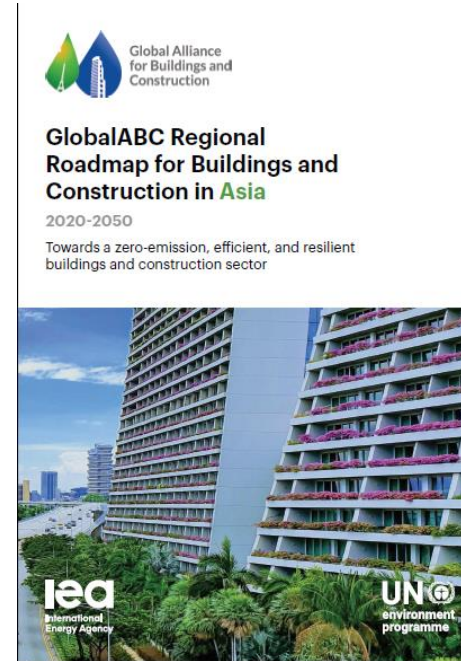
NDC Roadmap approach

Basis for structure

- GlobalABC Regional Roadmap for buildings and Construction Asia

Approach and objectives

- NDC Roadmap **translates** the NDC building sector targets into **tangible targets** and **measurable actions**
- NDC Roadmap identifies common **goals, targets and timelines** for key actions across **8 key “activities”** in Vietnam
- With this Roadmap, the Government will provide **orientation and guidance** to **key stakeholders**, academy and civil society
- The NDC Roadmap will be a **steering instrument**, subject to **regular revisions**, precisions and updates.



1. Urban planning

2. New buildings

3. Building retrofits

4. Building operations

5. Building Systems

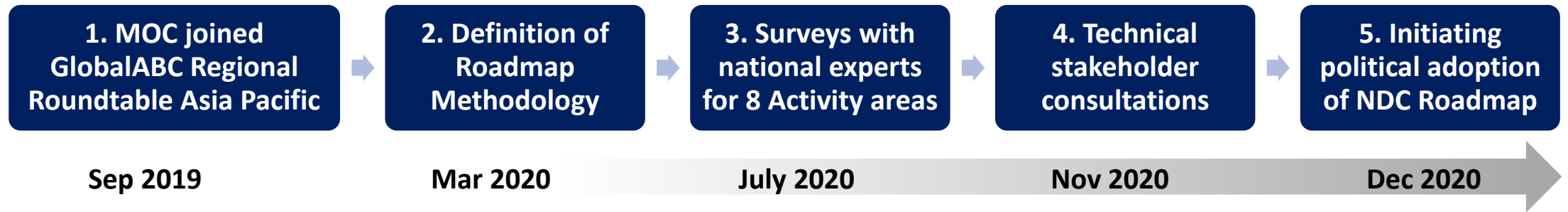
6. Materials

7. Resilience

8. Clean energy

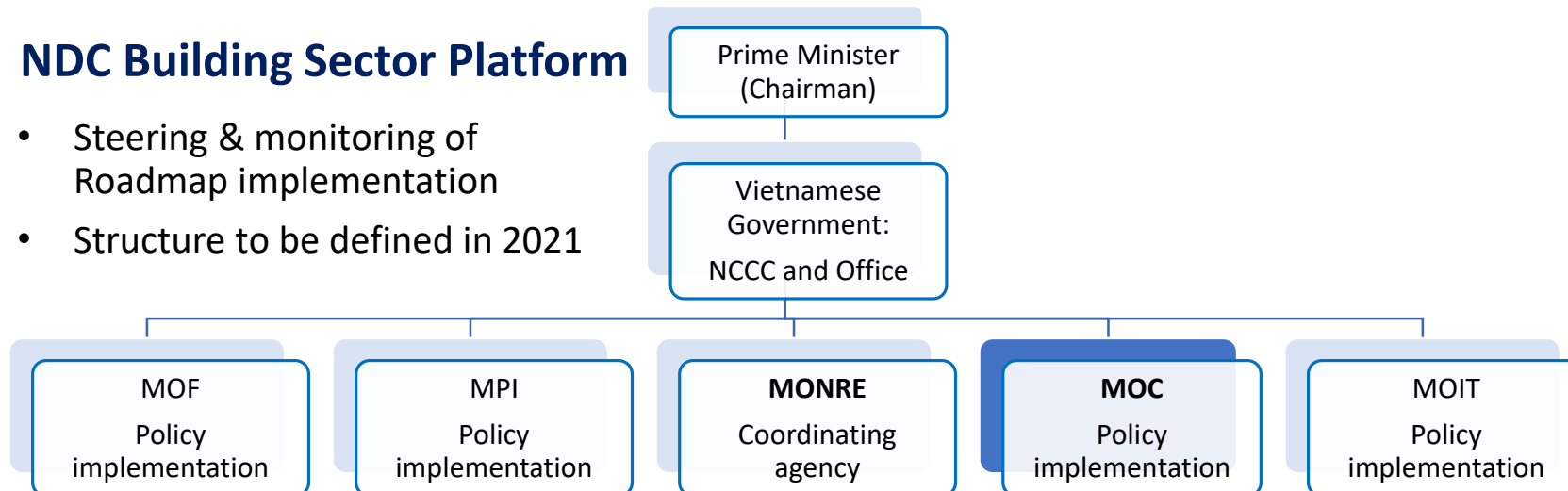
NDC roadmap development

Process



NDC Building Sector Platform

- Steering & monitoring of Roadmap implementation
- Structure to be defined in 2021



Challenges

- Excessive lack of data
- Agreeing on common goals by diverse experts and institutions
- Interinstitutional coordination