



*Empowered lives.
Resilient nations.*

Implementing NDCs in Lebanon

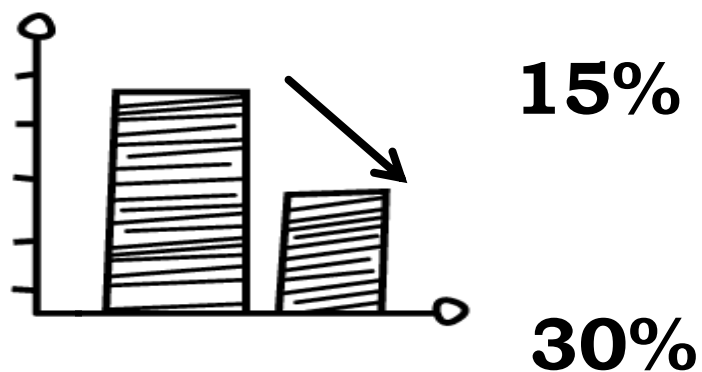
Mrs. Lea Kai Aboujaoude
Climate Change project Manager
United Nations Development Programme
Ministry of Environment

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projects

Lebanon's INDC

2030

Cut CO₂ emissions



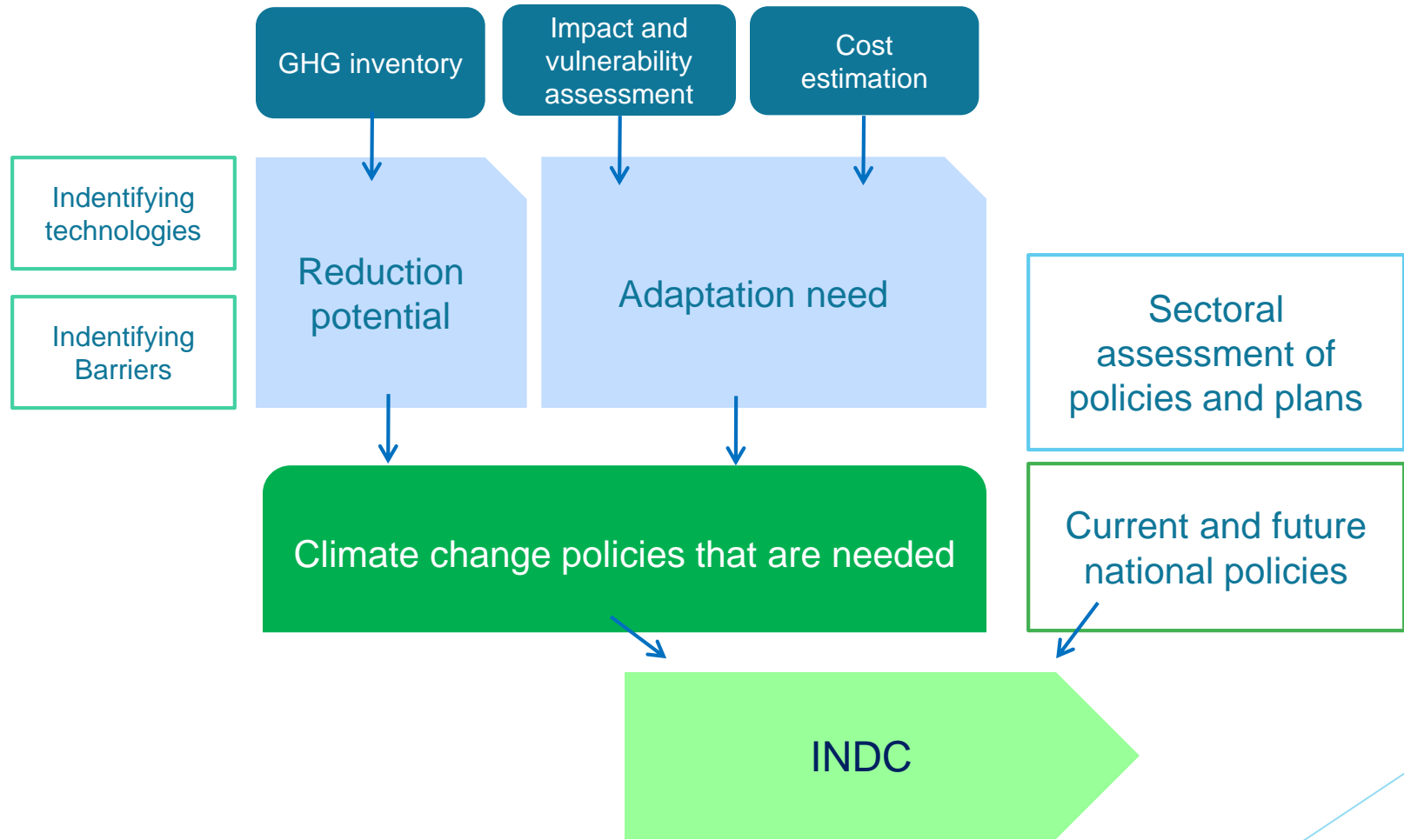
Unconditional target



Conditional to finance, technical support
and capacity building



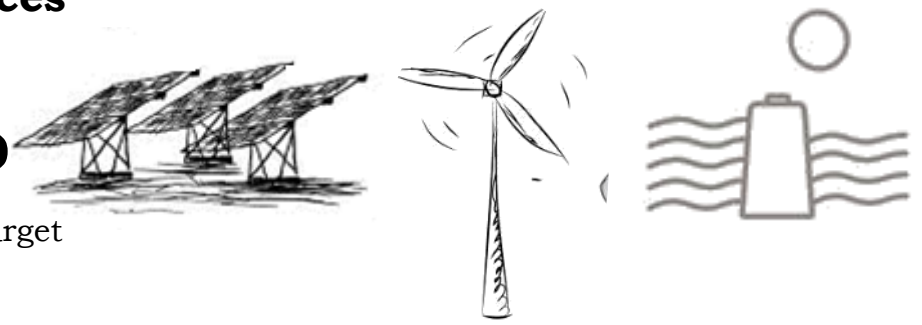
NDC preparation



Energy in NDC

Increased share of power and heat demand generated by renewable energy sources

15%
Unconditional target



20%
Conditional target

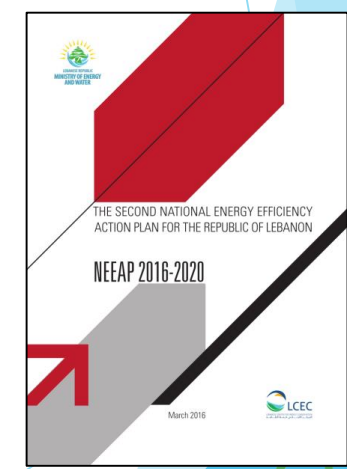


Reduction in power demand through energy-efficiency measures

3%
Unconditional target



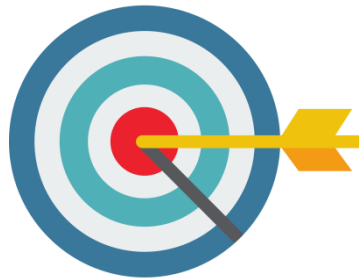
10%
Conditional target



Energy efficiency in Lebanon's NDC

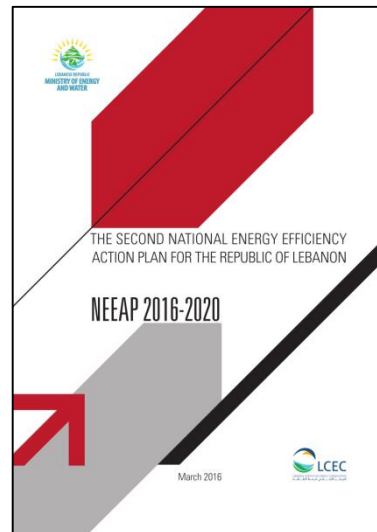
The target

3%- 10% energy savings by 2030



The source

National Energy Efficiency Action Plan 2016-2020



Buildings and EE

NEEAP end-use measures



What does this mean in the context of the Paris Agreement?

Climate Action

2050 Strategy

Climate Reporting

Buildings' energy efficiency as contributor to the NDC's EE target

Progress made in implementing EE in buildings as part of the NEEAP

Provide information on how we came up with the target and what assumptions we made (i.e. projected energy demand)

Legally-binding and motivation to improve

Provide information on the progress made towards the target every two years, provide indicators

International mechanism benefits to national planning - implementation and reporting

**Better understanding how we are doing to take more appropriate
action**

Indicators and GHG quantification

Integrating climate change and SDG efforts

Synchronization and coordination

Reducing costs to the government

Demand-side management

Support for implementation

Partnerships and targeted requests – clear links to NDC

Upcoming milestones

Guidance from the international process in December 2018 at COP24:

- Modalities, Procedures and Guidelines for Transparency
- Accounting methodologies used to formulate and track NDC targets
- Information for the Clarity, Transparency and Understanding of NDCs

Essential complementary to maintain and enhance:

- Nationally Determined Contribution (NDC) Mitigation Working Group
- SDG committee
- Upcoming network of partners

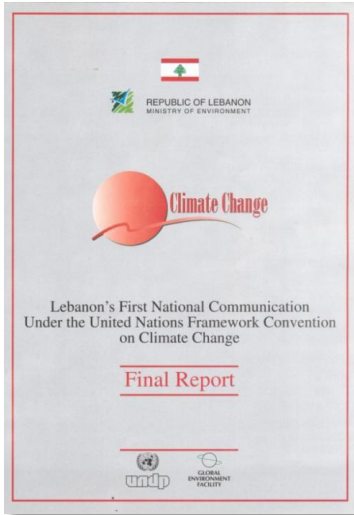
Projects at the Ministry of Environment that benefit our stakeholders:

- Nationally Determined Contribution (NDC) Support Programme
- Low Emission Development Strategy (LEDS)
- Capacity-Building Initiative for Transparency (CBIT)
- Third Biennial Update Report/Fourth National Communication (BURIII/FNC)
- Kigali Cooling Efficiency Programme

3BUR 4NC project



1999



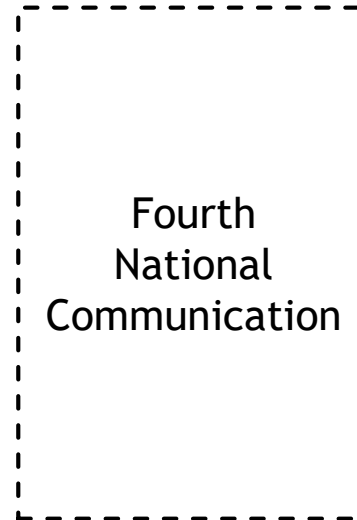
2010



2016

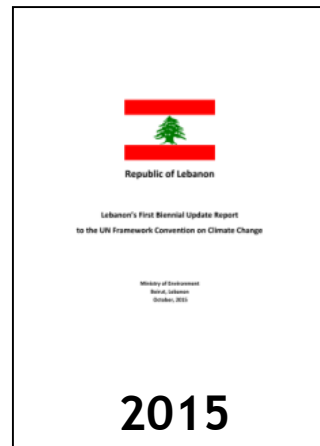


2021

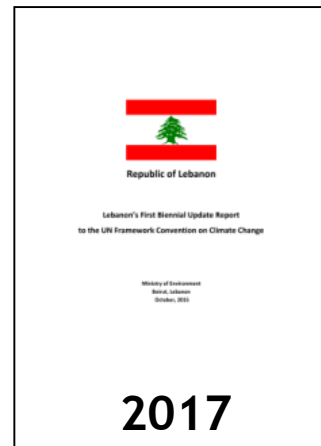


2019- 2022

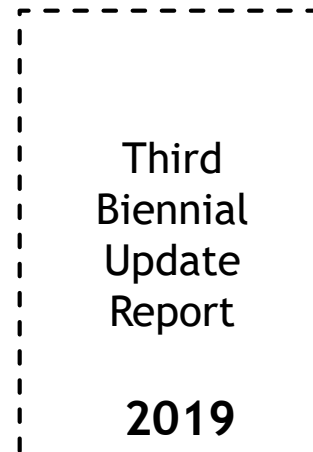
852,000 USD



2015



2017



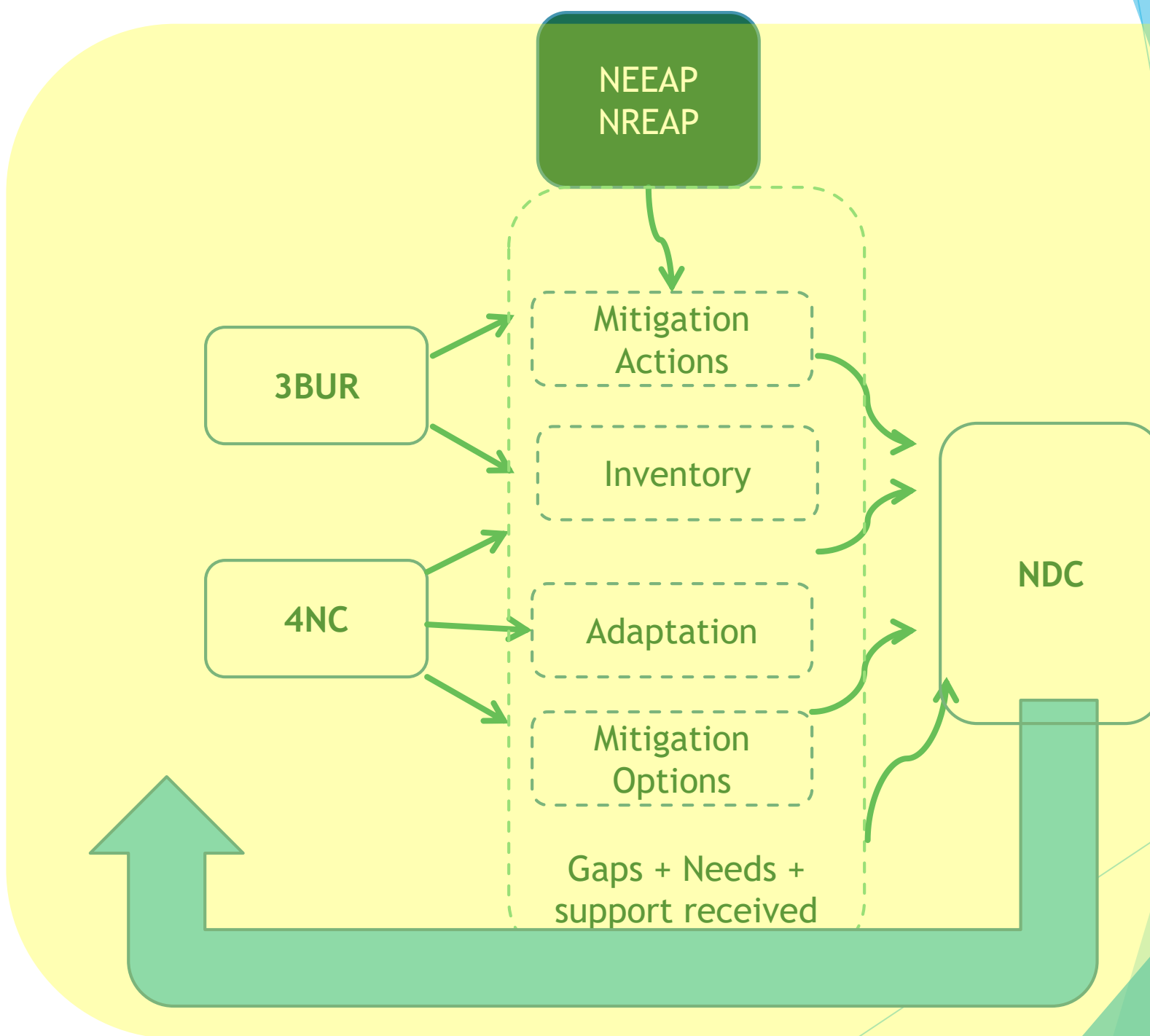
2019



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Transparency Framework



Kigali Cooling Efficiency Programme (KCEP)

Window 1: Institutional Strengthening in Energy Efficiency:

❖ Training

- Integrate Energy Efficiency (EE) in the HPMP existing Plan (Industries and Service Technicians)
- EE principles, activities and interventions incorporated in the draft syllabuses educational system

❖ Cooling Plan

- Part of the global S4E Project output
- Includes role of Standards, role of labels and linkages with Montreal Protocol
- Role of cooling with any national development plan and its linkages with SDGs and NDCs

Window 2: Developing Cooling Standards to enable the retirement of inefficient equipment:

- Inform decision makers on efficiency performance levels (field surveys and testing, to enforce MEPS and a rebate programmes aiming in the most efficient equipment available).
- Develop a roadmap for accelerating market transformation in the domestic refrigerator and air conditioning sectors.
- At least one (1) minimum energy performance standards (S&L) for selected products drafted on the basis of market analysis and international benchmarking.

KIGALI
COOLING EFFICIENCY PROGRAM

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Thanks!



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