

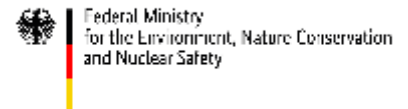


# Policy instruments to steer climate friendly buildings in Lebanon



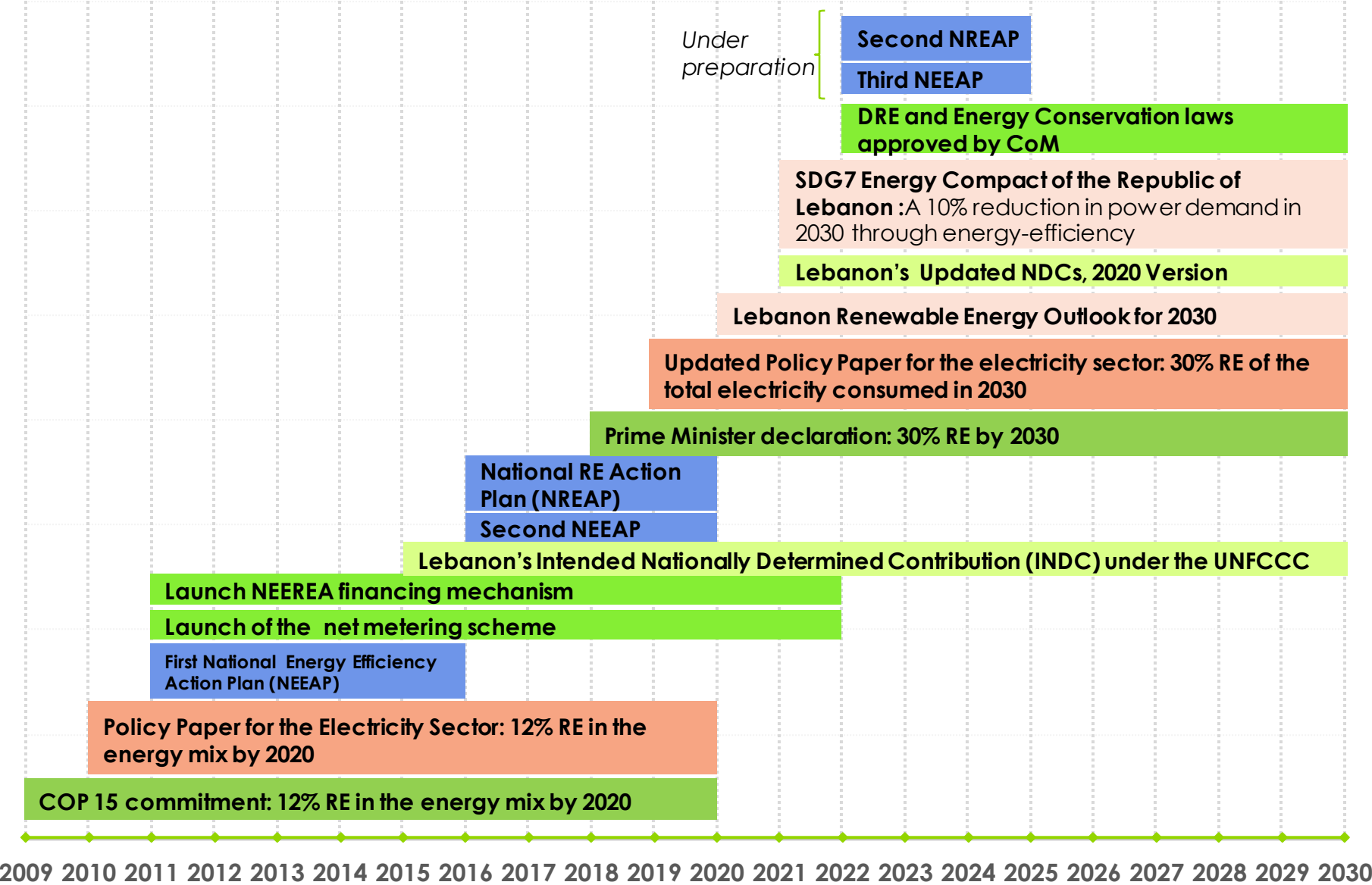
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# Policy Framework



# Introduction

## NEEAP Evaluation

Evaluate the building specific measures of NEEAP 2016-2020

Develop recommendations for the next Lebanese NEEAP (2021-2025)

Impact assessment of policy packages

# Evaluate the building specific measures of NEEAP 2016-2020

# Main outcomes of the NEEAP II Evaluation

- ➔ Technical and institutional capacity is strong
- ➔ Lack of regulations in the electricity sector
- ➔ Lack of awareness related to EE technologies, high upfront investments and missing standards

# Develop recommendations for the next Lebanese NEEAP (2021-2025)

# Recommendations for NEEAP 2021-2025

<b>Package 1: Get the basics right</b>	<b>Package 2: High performance</b>
Measures with low investment	More advanced measures
Good effectiveness on energy savings	High energy savings
Fast payback period	More financial resources
Basis for more ambitious measures	Greater barriers

# Recommendations for NEEAP 2021-2025

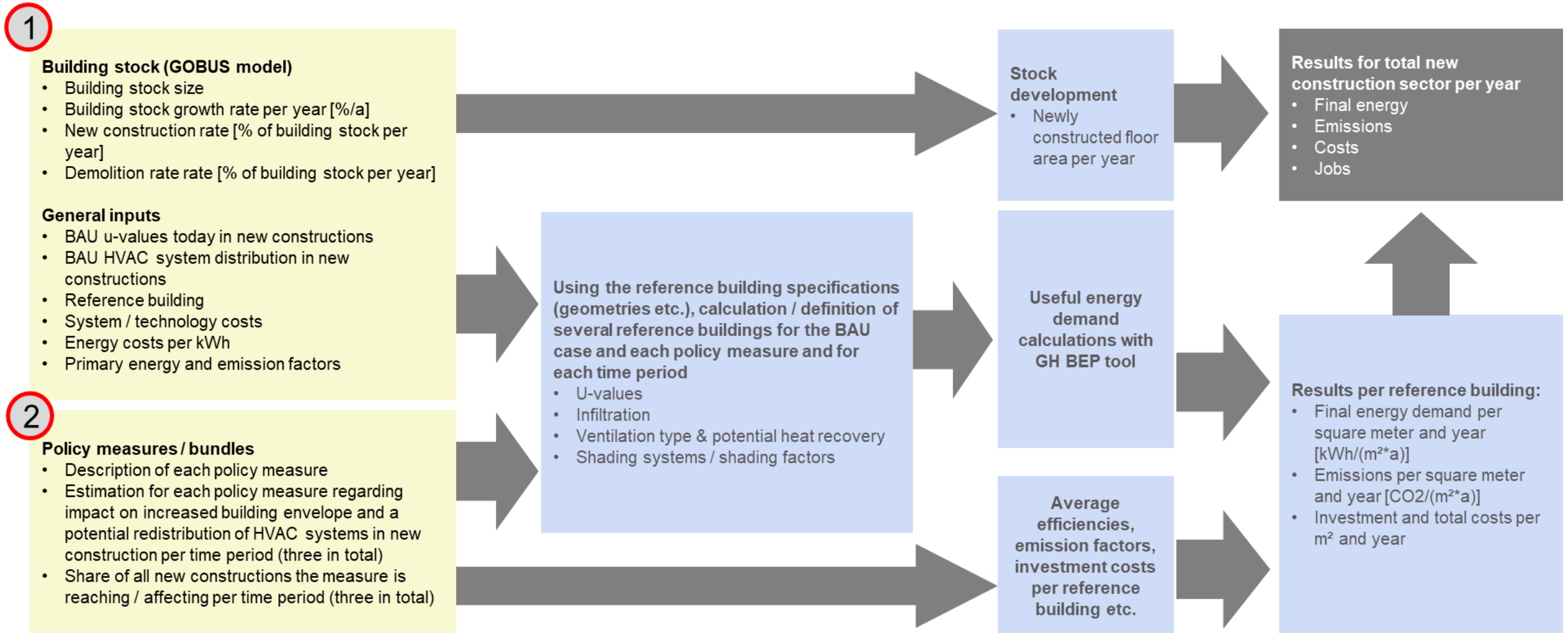
<b>Package 1: Get the basics right</b>	<b>Package 2: High performance</b>
Optimization of existing systems	Mandatory standards for energy efficiency in new constructions
Information and training on financing EE projects	Improving energy efficiency in public buildings
Mandatory standards for energy-efficient equipment	(Financial) incentives for energy efficiency
Awareness raising and training for EE in buildings	Research & Development



# Impact assessment of policy packages

# Impact assessment calculation tool

## Structure and methodology



# Defined policy packages

**Information and training on financing energy efficiency projects**  
(Code: PB\_02)

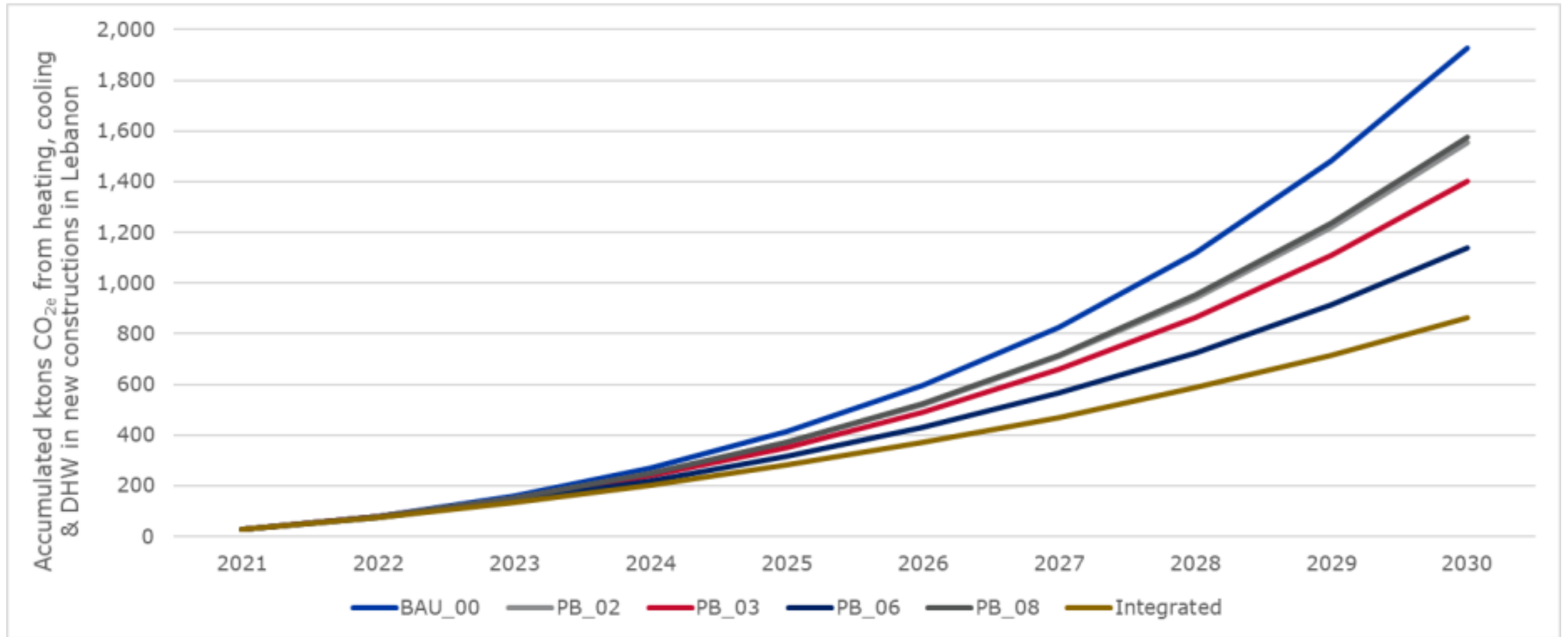
**Mandatory standards for energy efficient equipment**  
(Code: PB\_03)

**Mandatory standards for energy efficiency in new constructions**  
(Code: PB\_06)

**(Financial) incentives for energy efficiency**  
(Code: PB\_08)

# Results

## Savings resulting from policy packages (accumulated emission savings)



# Results

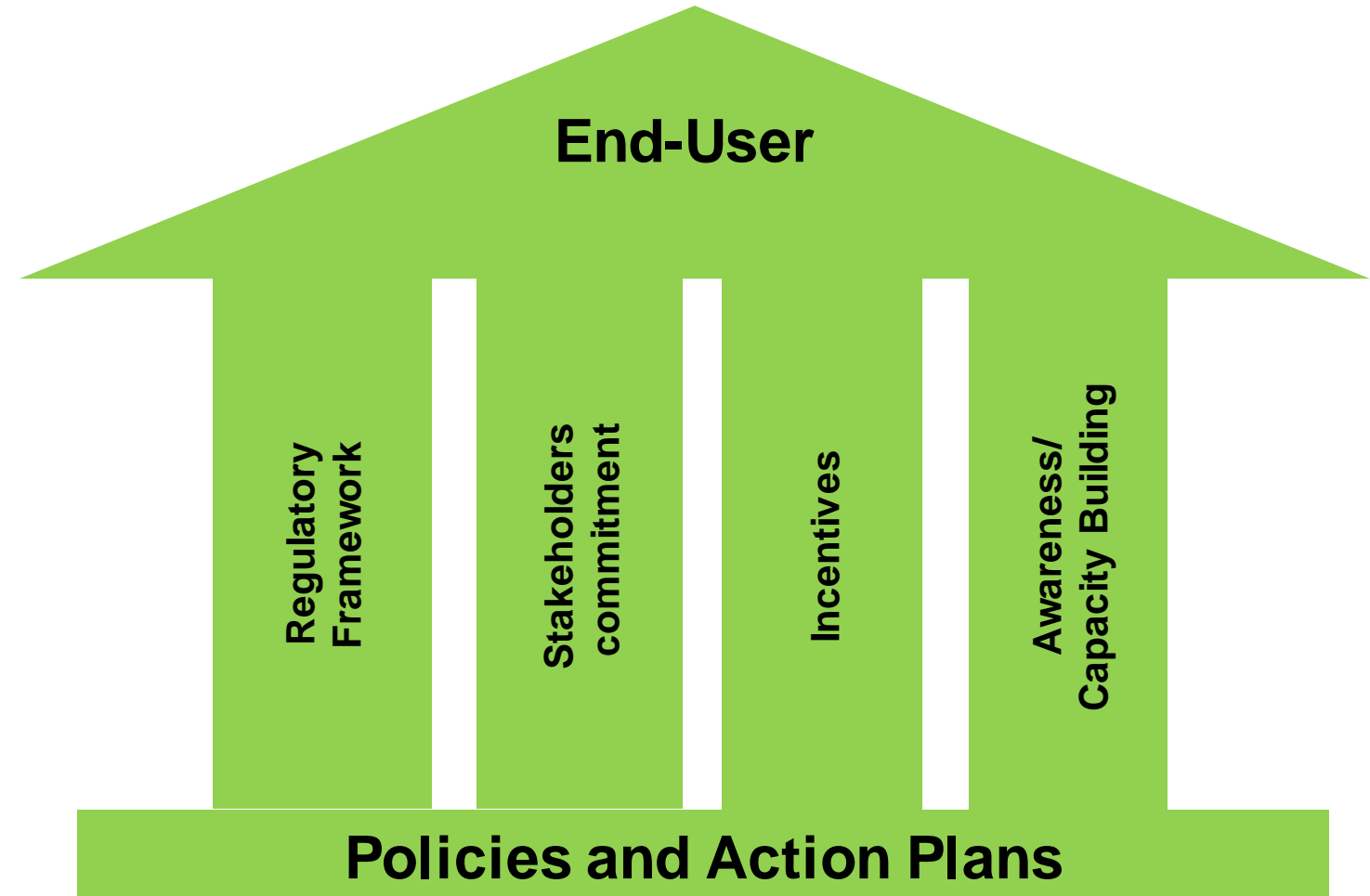
## Savings resulting from policy packages

Policy package	Reductions in Final energy demand	Reduction in Accumulated emissions from newly constructed buildings 2021-2030 in 2030
Information and training on financing energy efficiency projects (Code: PB_02)	27%	19%
Mandatory standards for energy efficient equipment (Code: PB_03)	31%	27%
Mandatory standards for energy efficiency in new constructions (Code: PB_06)	56%	41%
(Financial) incentives for energy efficiency (Code: PB_08)	24%	18%
Integrated Module	73%	55%

# Conclusion

To reach Lebanon's targets and ensure energy security

- Develop and enforce the third NEEAP
- Seek and ensure financing on a national scale
- Develop and enforce laws



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# Contact

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**THANK YOU**  
FOR YOUR PARTICIPATION

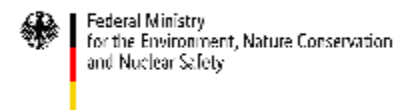
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