



 **GLOBAL ENERGY EFFICIENCY ACCELERATOR PLATFORM**

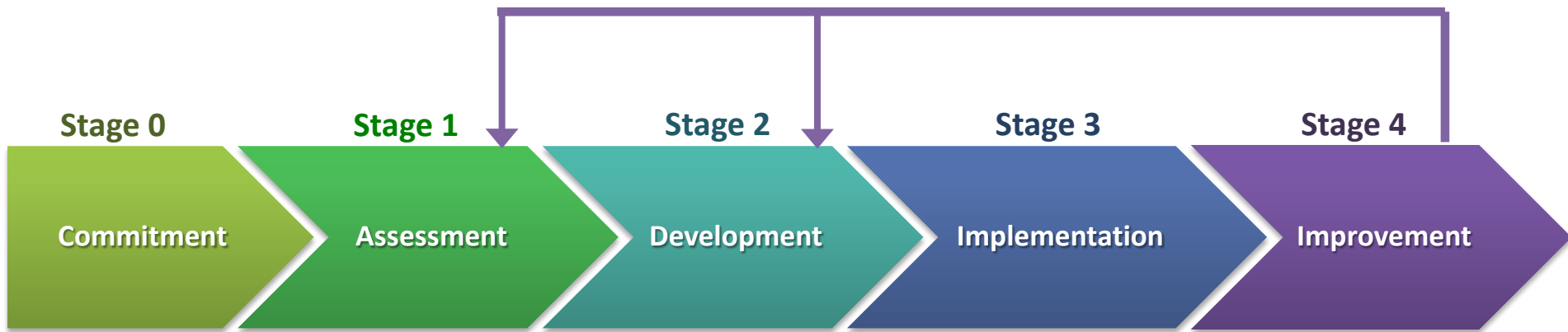
# Tracking Progress for Building Efficiency Accelerator

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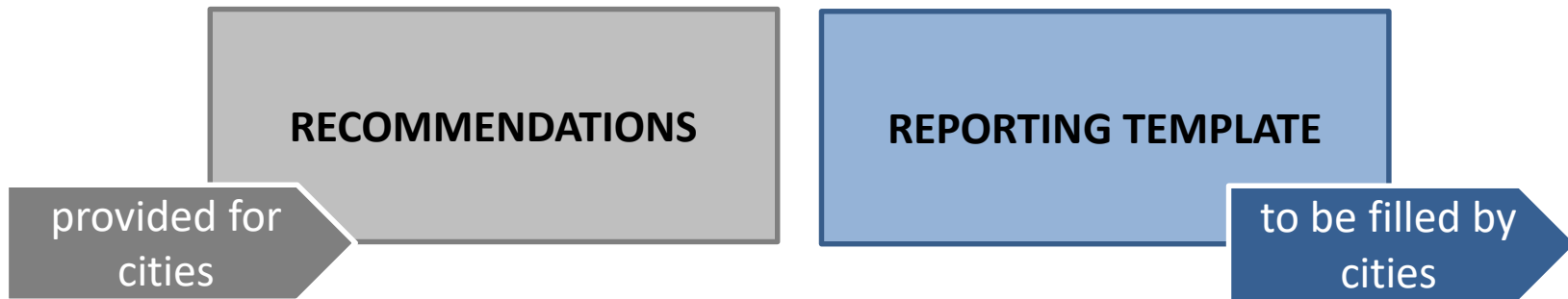
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# BEA Policy Development Process



# BEA Tracking Progress Framework for Cities



## Cross-cutting

Building  
Energy  
Codes

Energy  
performance  
certification  
of buildings

Energy  
efficient  
renovation  
programmes

Energy  
efficiency  
finance

Sustainable  
procurement  
regulation

# Recommendations for Commitment Stage



Commitment

Assessment

Development

Implementation

Improvement

A formal commitment to implement a policy or policy package

- Formulate the overall target to be achieved in the result of policy development
- Ensure that the target is realistic, but ambitious
- Indicate the potential realistic timeline
- If possible, define the priority areas within the building sector

# Recommendations for Assessment Stage

Commitment

Assessment

Development

Implementation

Improvement

## Assessment consultation:

- Engage relevant stakeholders
- Discuss potential policy instruments on energy efficiency in buildings

## Baseline assessment:

- Conduct a review of the status of energy efficiency in the building sector and effectiveness of the existing energy efficiency policies

## Energy efficiency policy roadmap:

- All key stakeholders are involved into the selection process
- Necessary pre-conditions for selected policy instruments' implementation are taken into account
- Selection of the policy instruments is in line with the overall policy goals of a city
- A realistic timeline for policy development and implementation is specified

# BEA Action Areas - Policy Instruments

## Building Energy Codes

- high rate of construction
- high compliance with regulation
- availability & affordability of EE technologies and capacity
- appropriate level of awareness

Energy performance certification of buildings

Energy efficient renovation programmes

Energy efficiency finance

Sustainable procurement regulation

# Recommendations for Development Stage

Commitment

Assessment

Development

Implementation

Improvement

## Target setting:

- Ambitious, yet realistic, target for building energy performance in accordance with the building energy code is set

## Policy design:

- Simple designs to minimize administrative costs
- Target buildings with the largest energy saving potential
- Include a regular inspection mechanism
- Set the stringency to achievable levels
- Describe the applicable penalties for non-compliance
- Include monitoring and evaluation strategy

## Policy support:

- Select other policy instruments to support implementation of the building energy code

# Recommendations for Implementation Stage

Commitment

Assessment

Development

Implementation

Improvement

## Adoption:

- Adoption of the building energy code by the city

## Enforcement:

Collect or estimate data for the following indicators:

- Number of buildings constructed in compliance with the building energy code
- Number of buildings renovated in compliance with the building energy code
- Average floor area of one building or total actual floor area of constructed/renovated buildings
- Average specific energy use (metered or estimated) per square meter of the floor area of constructed/renovated buildings

## Verification:

- Data on the certified buildings complied with the building energy code and information to verify effectiveness of the enforcement process are collected



# Recommendations for Improvement Stage

Commitment

Assessment

Development

Implementation

Improvement

## Review:

- Use collected information to go back to stage 1 to conduct an updated assessment of opportunities to improve the building energy code

## Update:

- Use collected information to go back to stage 2 to develop an updated building energy code



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# Tracking Implementation of Building Energy Codes and Certification

**QUESTIONS & ANSWERS**

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