



UNEP SBCI
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Assessment of Policy Instruments for Reducing Greenhouse Gas Emissions from Buildings – Quick-scan Tool

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What is the Quick-scan tool?

Aim: to **assist decision makers** in reducing greenhouse gas emissions from buildings through **designing policy packages** that are best suitable for their specific locations. Can be used on **various levels of government** (local, regional, federal, national)

Steps:

1. Determining the **policy goals** and **focus area**
2. Identification of **barriers**
3. Characteristics of the **policy environment**
4. Powers at the relevant level of government

Output: the tool provides **recommendations** and several **proposed policy packages** (that need to be further investigated through consultation process with relevant stakeholders).

Classification of the policy instruments chosen

Control and regulatory instruments		Economic and market-based instruments	Fiscal instruments and incentives	Support, information and voluntary action
<p>Normative:</p> <ul style="list-style-type: none"> – Appliance standards – Building codes – Procurement regulations – Energy efficiency obligations and quota 	<p>Informative:</p> <ul style="list-style-type: none"> – Mandatory audits – Utility Demand-side management progr. – Mandatory labelling and certification programs 	<ul style="list-style-type: none"> – Energy performance contracting – Cooperative procurement – Energy efficiency certificate schemes – Kyoto protocol flexible mechanisms 	<ul style="list-style-type: none"> – Taxation – Tax exemptions / reductions – Public benefit charges – Capital subsidies, grants, subsidized loans 	<ul style="list-style-type: none"> – Voluntary certification and labelling – Voluntary and negotiated agreements – Public leadership programmes – Awareness raising, education, information campaigns – Detailed billing and disclosure programmes



General conclusions

- **Policy packages are most effective**
- Combination of **sticks** (regulations), **carrots** (incentives) and **tambourines** (measures to attract attention) is very effective



Regulatory instruments

- **Procurement regulations** – provisions for energy efficiency in the public procurement process.

High energy prices

- High-level political commitment
 - Beginning with simple measures
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- **Energy efficiency obligations and quotas** - requirement for example for electricity and gas suppliers to achieve targets for the promotion of improvements in energy efficiency for instance in households.
 - Government deciding on target.



Market-based instruments

- **Energy performance contracting/ESCOs**
 - information and demonstration programs
 - train financial facilities
 - model contracts
 - enabling public procurement legislation
- **Kyoto Protocol flexible mechanisms -**
project based mechanisms under the Kyoto Protocol
 - project bundling
 - information and awareness campaigns



Fiscal instruments

- **Tax exemptions/reductions**
 - pay for results according to performance criteria
 - flexibility in who receives credit
- **Public benefit charges** - raising funds from the operation of the electricity or energy market, which can be directed into demand-side management, efficiency activities.
 - involvement of all stakeholders
 - regular evaluation/monitoring
 - team approach with utilities
 - good communication
 - simple and clear program design



Support, information and voluntary action

- **Public leadership programs**
- **Awareness raising, education,
information campaigns**
- **Detailed billing and disclosure
programs**
- **Training programs**



Main message - Jordan

Several policy instruments are already applied successfully in Jordan.

Main possibilities for deploying further policy instruments:

- **Development of the ESCO sector**
- **Engaging utility companies –**
 - by regulatory instruments (Energy Efficiency Obligations and Quotas)
 - by fiscal instruments (Public Benefit Charges)



Study - Assessment of Policy Instruments for Reducing Greenhouse Gas Emissions from Buildings



- Accessible from UNEP-SBCI website: www.unepsbci.org
- Database in 20 tables and one long table
- Long report (84 pages)
- Short summary brochure
- Flyer



THANK YOU!



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Please find the full report under: www.unepsbci.org

Quick-scan Tool is in pilot phase, later it will be available from the UNEP SBCI website.