Monitoring and Evaluation of Green Public Procurement Programs

Aure Adell

www.ecoinstitut.es
September 5th, 2013
Why monitor GPP programs?

- Target support
- Raise compliance
- Identify areas for improvement
- Demonstrate political commitment
- Keep each agency accountable
- Track policy progress
- Legitimize actions
How to select an M&E approach?

• Policy objectives
• Scope
• Procurement procedures
• Other policies and tools
United Kingdom Framework for Sustainable Operations on the Government Estate (SOGE)

- Permanent secretaries have the Sustainable Procurement Action Plan commitments incorporated into their performance objectives;
- Use the Sustainable Procurement Task Force Flexible Framework
The effect of policy objectives

1. GPP embed.

2. Increase procurement of green solutions

European Commission Communication “Green Public Procurement for a Better Environment” (2008)

- By 2010 50% of all tendering procedures should be green
The effect of policy objectives

GPP Plan of the Spanish Central Government (2008)

1. GPP embed.
2. Increase GPP
3. Reduce environ. impacts

- Energy savings of up to 9% by 2010 and 20% by 2016 in buildings
Canada Policy on Green Procurement states that:

“the application of this policy will: […]

Lever the purchasing power of the federal government […] thereby strengthening greener markets and industries; ”
Embedment of GPP in operations (goal 1)

- Many examples
- Surveys (more subjective questions)
- Interviews/reviews (more detail)
- Complement to qualitative analysis

**Sweden**

Since 2004, every 3 years

Mixed GPP M&E system:

- Qualitative-subjective survey (general information)
- Quantitative tenders analysis (10 tenders/product group)
Market transformation (goal 4)

- Rarely monitored
- Not specific objectives/targets
- Difficult to isolate the impact of GPP
- Limited benefits
Catalan Government (Spain)

Increase of certified companies when environmental criteria is included in contracts

GPP & Ecolabeling within the same Gov. department
Purchase of green products & services (goal 2)

- Trend toward increased adoption of this approach
- Wide variety of methods used

• Elements to consider:
Purchase of green products & services (goal 2)

1. Decide the approach

- **Tenders**
  - Faster
  - Less input
  - Not all purchases included
  - Does not show actual purchases

- **Purchases**
  - All purchases
  - Possible to calculate env. impacts
  - More data to track
  - Requires input from more people

- **Both**
Purchase of green products & services (goal 2)

1. **DECIDE THE APPROACH**

2. **CHOOSE INDICATORS**

- % in units
- % in euros
Purchase of green products & services (goal 2)

Prioritize product groups

Other policies or programs that cover these products
- In the US 95% of IT equipment purchased must be EPEAT registered

Existence of standardized GPP criteria
- The EC monitors the first ten products groups that the EU developed voluntary standardized GPP criteria for

Environmental impact
Volume purchased
Procurement centralization
Purchase of green products & services (goal 2)

1. DECIDE THE APPROACH
2. CHOOSE INDICATORS
3. DETERMINE THE SCOPE
4. DEFINE GREEN

Single criterion
Multi-criteria
Purchase of green products & services (goal 2)

1. Decide the approach
2. Choose indicators
3. Determine the scope
4. Define green
5. Improve data tracking

- Key element
- Integration needed
- Adapt existing tools
Purchase of green products & services (goal 2)

- Financial systems
- E-Tendering/ Purchasing platforms

Chile Government

Tenders platform and online shop
Purchase of green products & services (goal 2)

- Financial systems
- E-Tendering/ Purchasing platforms
- Accompanying forms
Purchase of green products & services (goal 2)

- Financial systems
- E-Tendering/ Purchasing platforms
- Accompanying forms

On-line form is voluntary and completed ideally when preparing the tender

- No environmental criteria
- Criteria of the national action plan
  - TCF-Paper
  - ECF-Paper
  - 100% recycled paper
- Further environmental criteria
  - Ecolabel (EU-Ecolabel, Blue Angel, Nordic Swan...)
  - Limits for emissions into the waste water
  - Other: ____________________
Purchase of green products & services (goal 2)

- Financial systems
- E-Tendering/ Purchasing platforms
- Accompanying forms
- In the tenders (reporting requirement or identification)

Summary table within the tender

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Social insertion</th>
<th>Gender equality</th>
<th>Occupational risk</th>
<th>Environmental</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject matter</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Selection criteria</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technical Specifications</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Award criteria</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special contract clauses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Subject matter  
Selection criteria  
Technical specifications  
Award criteria  
Contract clauses
Purchase of green products & services (goal 2)

- Integrated with other reporting tools
- Standardized and electronic
- Provide immediate feedback
United Kingdom

Greening Government Operations and Procurement Commit. Spreadsheet

Evolution
Environmental benefits (goal 3)

- Rarely calculated, but of interest
- 2 options:
  - Purchased products
    - Direct evaluation
    - Proxy evaluation
  - Reduction purchase needs
Environmental benefits (goal 3)

Vienna (Austria)
Ökokauf program
One-off calculation
CO₂-eq savings
Product based
Proxy evaluation

![Graph showing environmental benefits over years with categories: Organic food, Energy efficient lamps, Water saving solutions, Other measures.]

SEAD
ecoinstitut BARCELONA
Environmental benefits (goal 3)

- Rarely calculated, but of interest

- 2 options:
  - Purchased products
    - Direct evaluation
    - Proxy evaluation
  - Environmental performance
    - Indirect evaluation

- Reduction purchase needs
- Real results
Environmental relief (goal 3)

United States of America

FAST

Track vehicles + fuel

Several regulatory requirements (budget, property, energy, procurement...)

Exhibit 3. DOE’s Covered LDV Inventory (FY 2008)

Exhibit 5: DOE Fleet Petroleum Reduction vs. E.O. 13423 Goals

Exhibit 6: DOE Alternative Fuel Increase vs. E.O. 13423 Goals
Final remarks

- Monitoring GPP has many benefits
- Many possible approaches
- Integration is key
- Staff involvement
- Report results
- Set tiers to evaluate progress
- Implement accompanying measures
Download the guide here:
http://superefficient.org/procurement_me

Reference this presentation as: