

# Monitoring and Evaluation of Green Public Procurement Programs

Aure Adell

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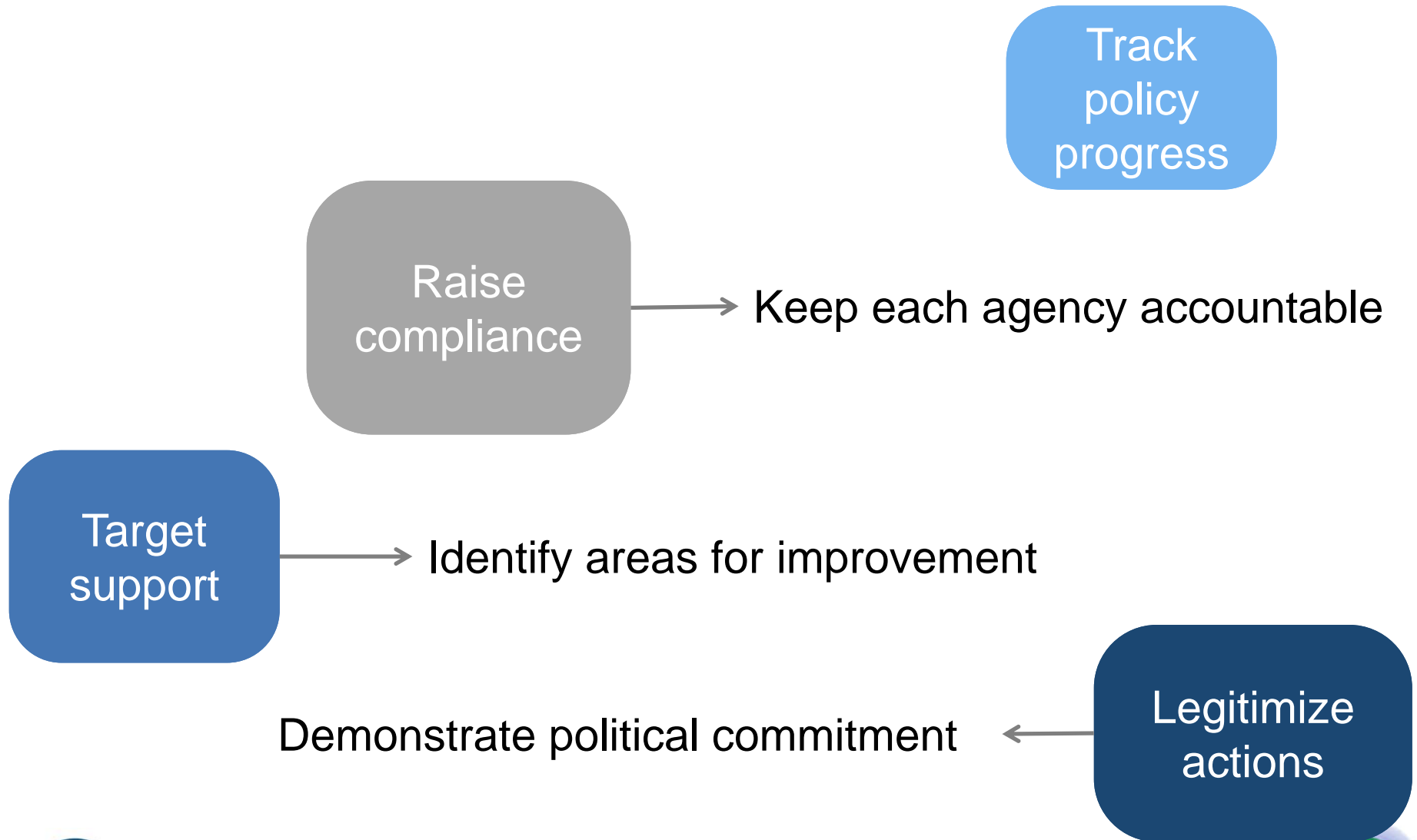
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BARCELONA



# Why monitor GPP programs?



# How to select an M&E approach?

- Policy objectives
- Scope
- Procurement procedures
- Other policies and tools



Foto: FreeDigitalPhotos.net, Danilo Rizzuti

# The effect of policy objectives

1. GPP  
embedment

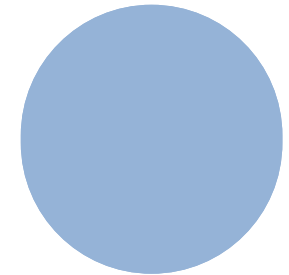
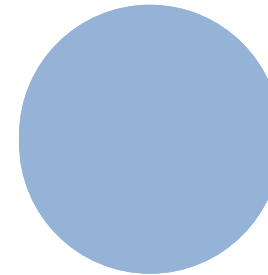
United Kingdom Framework for Sustainable Operations on the Government Estate (SOGE)

- 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)

- Energy savings of up to 9% by 2010 and 20% by 2016 in buildings

# The effect of policy objectives

1.  
GPP  
embed.

2.  
Increase  
GPP

3.  
Reduce  
impacts

4. Promote  
Market  
Transformation

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)

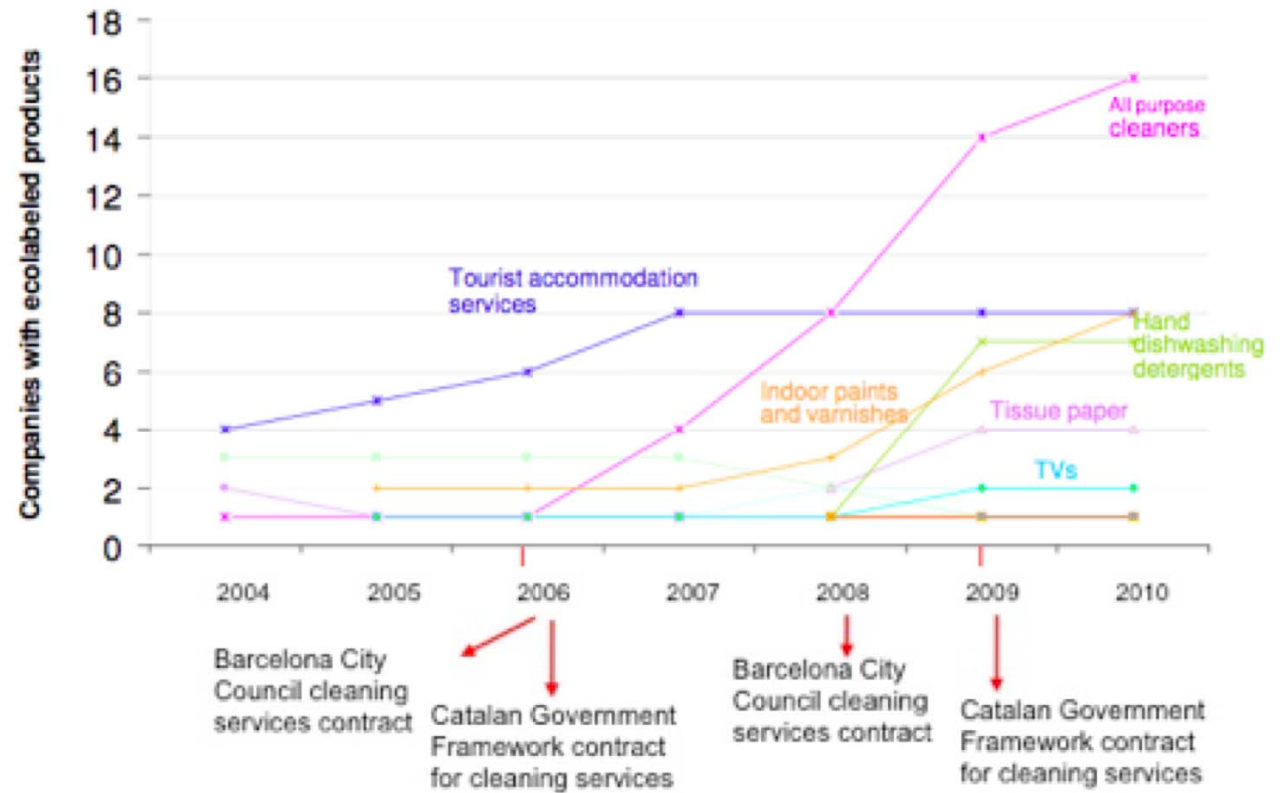
- Rarely monitored
- Not specific objectives/targets
- Difficult to isolate the impact of GPP
- Limited benefits

# Market transformation (goal 4)

## Catalan Government (Spain)

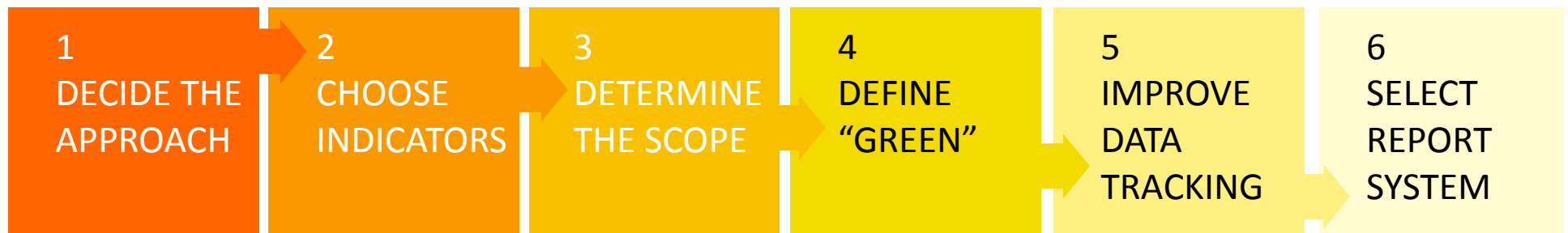
Increase of certified companies when environmental criteria is included in contracts

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)



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

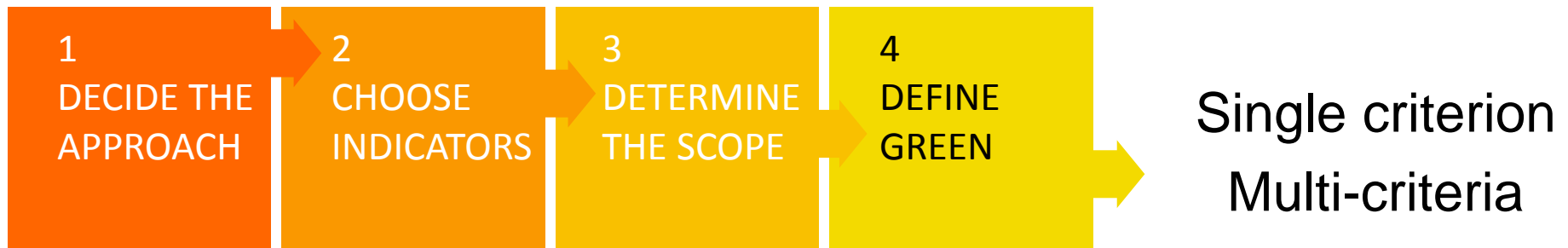
Environmental impact

Volume purchased

Procurement centralization



# Purchase of green products & services (goal 2)





# Purchase of green products & services (goal 2)



- 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

Malta  
Government



Form prior to tender

TENDER ORIGINATORS FORM		
<b>A - General Details</b>		
Department/Ministry		
Department Reference		
Tender Description/Title		
Tender Type	Works <input type="checkbox"/>	Services <input type="checkbox"/> Supplies <input type="checkbox"/>
Tender Procedure	Open <input type="checkbox"/>	Other (specify) <input type="checkbox"/>
Funding Source (specify)		
Estimated Value Exc. VAT <sup>1</sup>	€	
CPV Number/s <sup>2</sup>		
Completion/Delivery Period		
Project Leader/Manager		
<b>B - Tender Documents</b>		
Officers that prepared:	Name	Grade/Position
Instructions to Tenderers		
Special Conditions of Contract		
Specifications/Terms of Ref.		
Estimate/Bill of Quantities		
Tender Drawings/Plans <sup>3</sup>		
<b>C - Lots (if applicable)</b>		
Lot Description	Estimated Value Exc. VAT	CPV Number/s (12345678-9)
1.	€	
2.	€	
3.	€	
4.	€	
(... etc.)		
<b>D - Drawings (if applicable)</b>		
Reference Number	Description	
1.		
2.		
3.		
4.		
5.		
(... etc.)		

<sup>1</sup> If the tender is divided into lots, please fill in Section C.  
<sup>2</sup> CPV are mandatory. A searchable list is available from [www.comptec.gov.mt/cpv](http://www.comptec.gov.mt/cpv).  
<sup>3</sup> If the tender documentation includes drawings/plans, please fill in Section D.

Page 1 of 2

E - Green Public Procurement	
Questions	Answers (cross out those not applicable)
1. Does this call for tenders include the procurement of paper, (if equipment, supplies, gardening products or services)?	Yes/No
2. Does this call for tenders include the procurement of cleaning products and services, transport, furniture, food and catering services, electricity, construction, mobile phones, combined heat and power, thermal insulation, wall panels, hard floor coverings, windows, glazed doors and skylights, street lighting and traffic signals, and road construction and traffic signs?	Yes/No
3. If the answer to question 1 is yes, have the tender specifications been drawn up on the basis of the GPP criteria and guidance available for download from <a href="http://www.gpp.gov.mt">www.gpp.gov.mt</a> ?	Yes/No
4. If the answer to question 2 is yes, have the tender specifications been drawn up on the basis of the GPP criteria and guidance available for download from <a href="http://www.gpp.gov.mt">www.gpp.gov.mt</a> ?	Yes/No
5. If the answer to questions 1 or 2 is yes has a copy of this tender originated from been submitted to the Office of the Prime Minister at <a href="mailto:pmo@pm.gov.mt">pmo@pm.gov.mt</a> ?	Yes/No

A copy of all tender documents including tender estimates and one complete set of drawings, are attached herewith.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Leader/Manager

\_\_\_\_\_  
Head of Department

Page 2 of 2



# Purchase of green products & services (goal 2)

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

Austria  
Government



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)

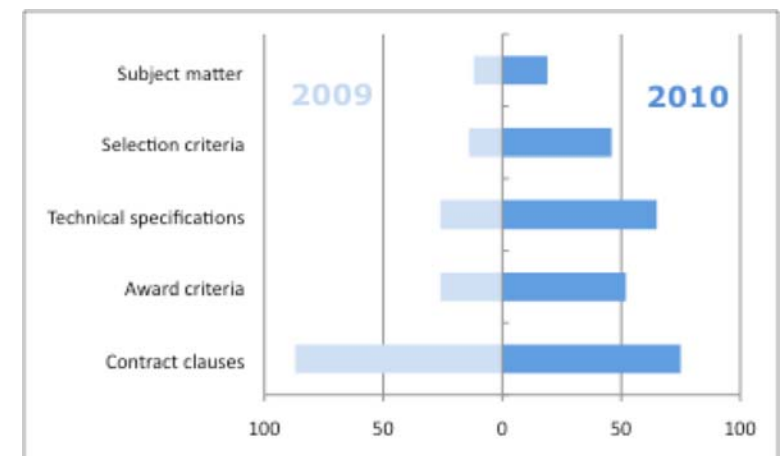
- Financial systems
- E-Tendering/ Purchasing platforms
- Accompanying forms
- In the tenders (reporting requirement or identification)

Basque  
Country

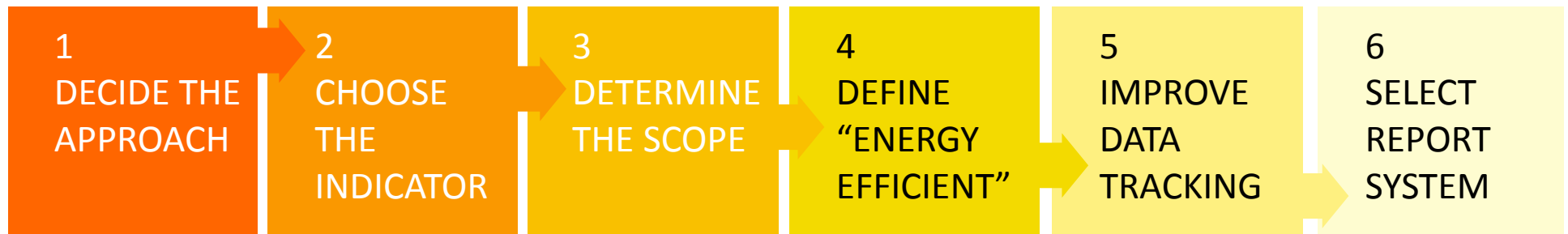


Summary table within the tender

Criteria	Social insertion	Gender equality	Occupational risk	Environmental
Subject matter				
Selection criteria				
Technical Specifications				
Award criteria				
Special contract clauses				



# Purchase of green products & services (goal 2)



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

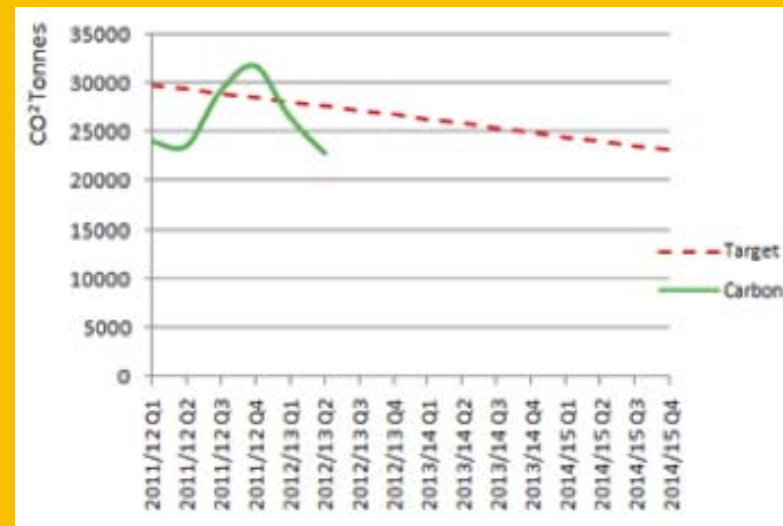
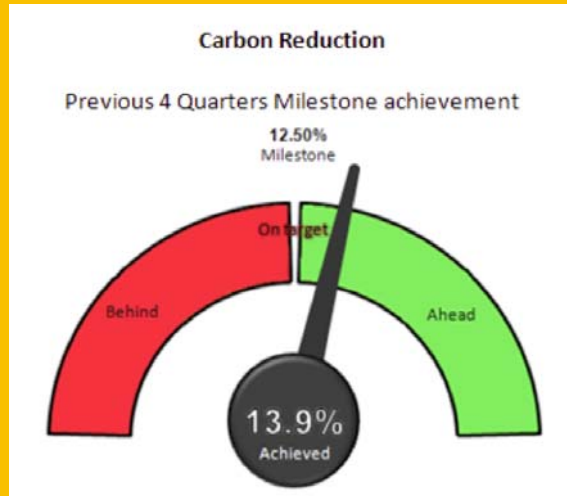
# Purchase of green products & services (goal 2)

## United Kingdom

Greening Government Operations and Procurement Commit.

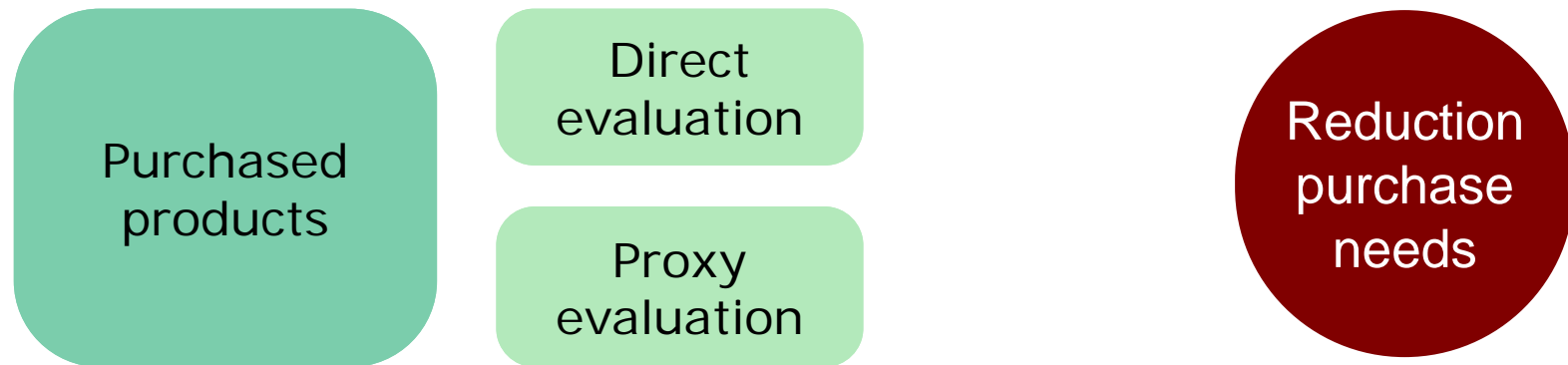
Spreadsheet

Evolution



# Environmental benefits (goal 3)

- Rarely calculated, but of interest
- 2 options:





# Environmental benefits (goal 3)

## Vienna (Austria)

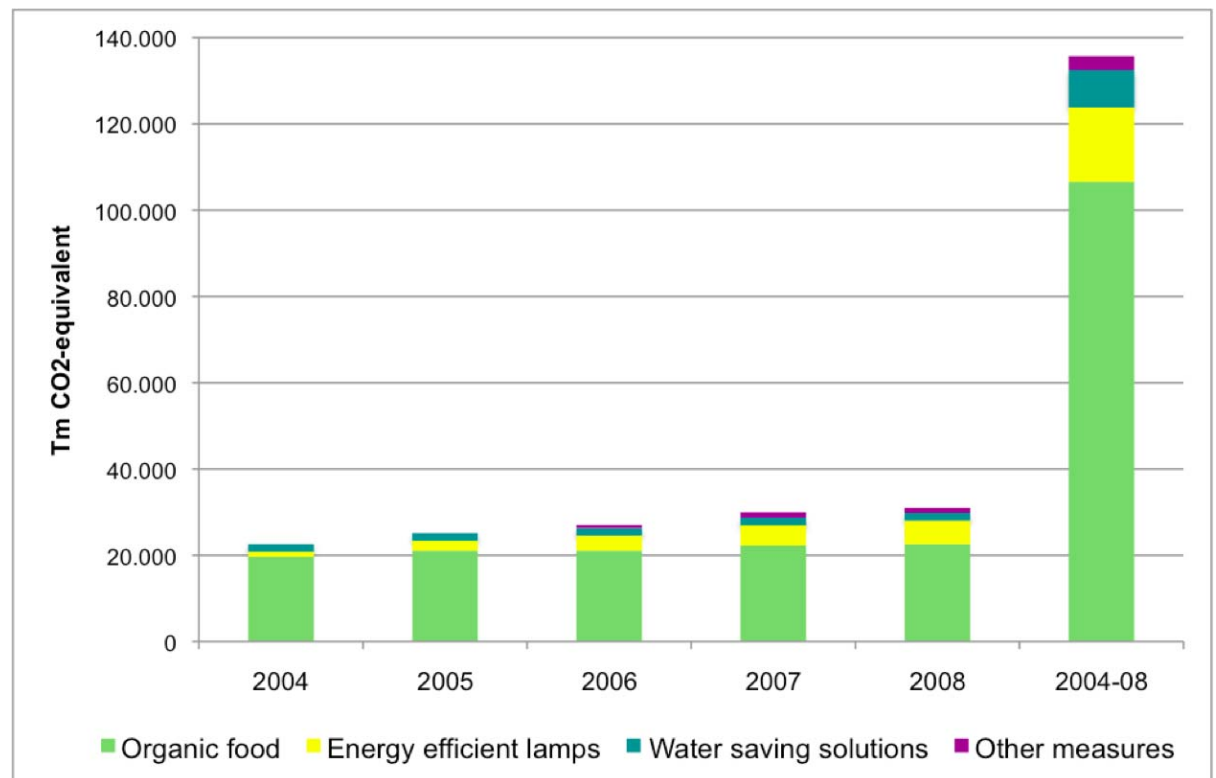
Ökokauf program

One-off calculation

CO<sub>2</sub>-eq savings

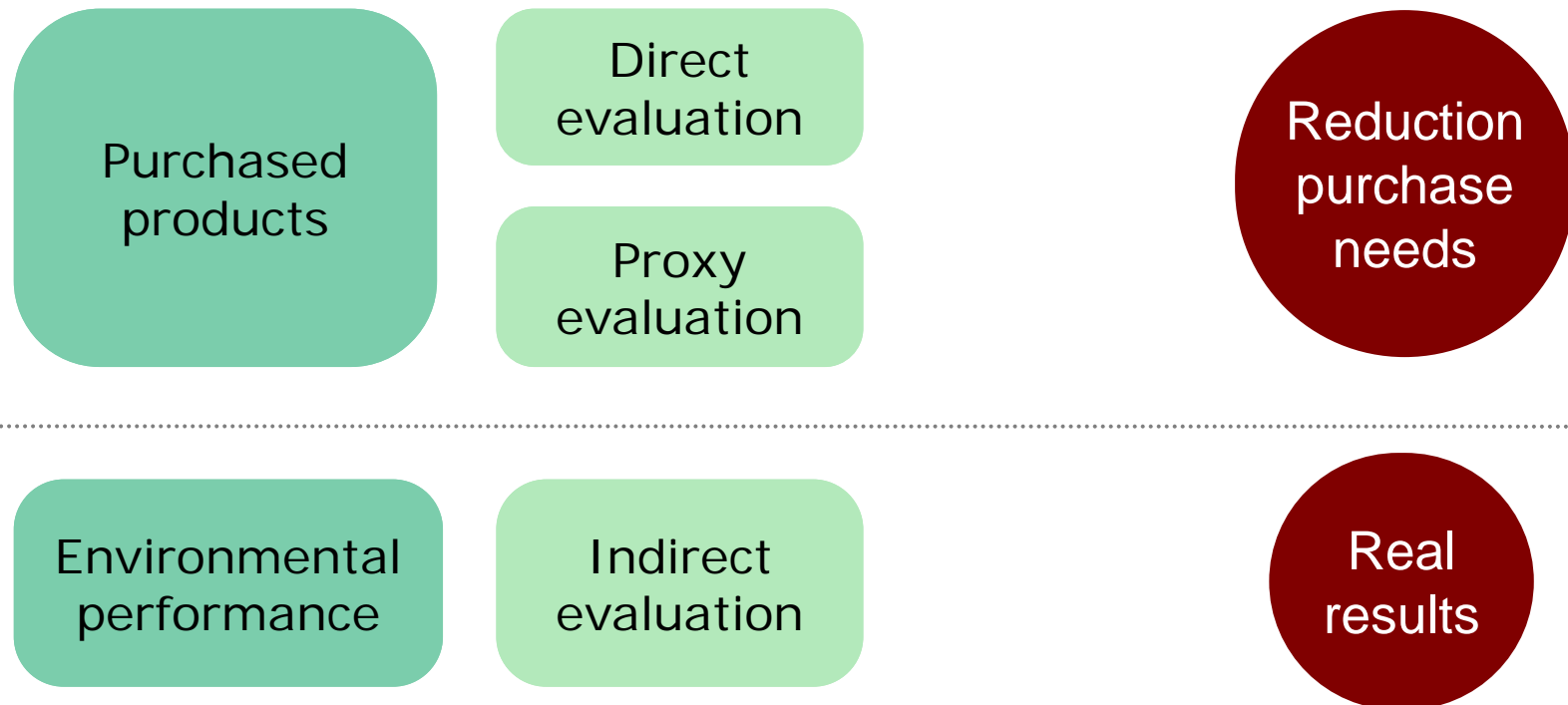
Product based

Proxy evaluation



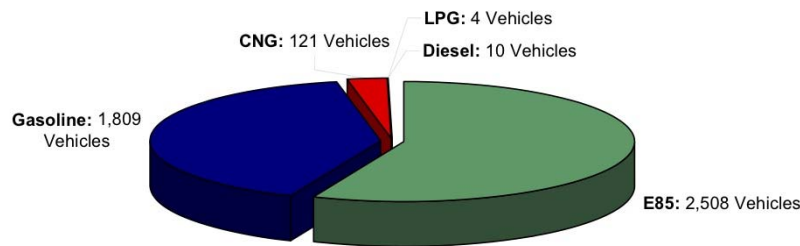
# Environmental benefits (goal 3)

- Rarely calculated, but of interest
- 2 options:



# Environmental relief (goal 3)

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



United States of America

FAST

Track vehicles + fuel

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

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

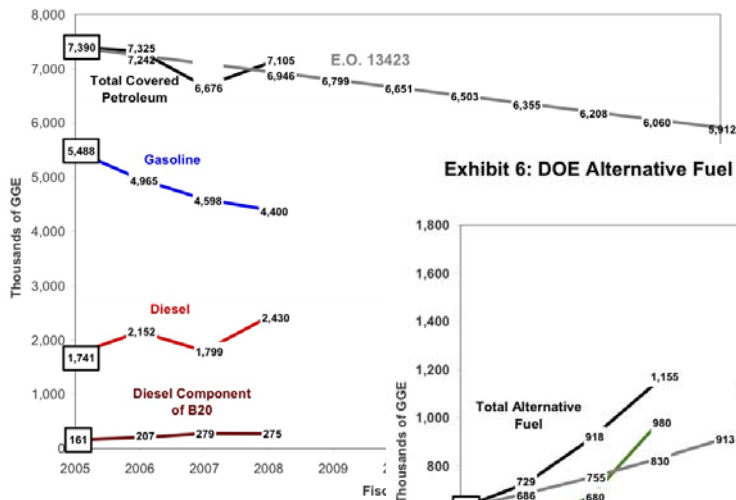
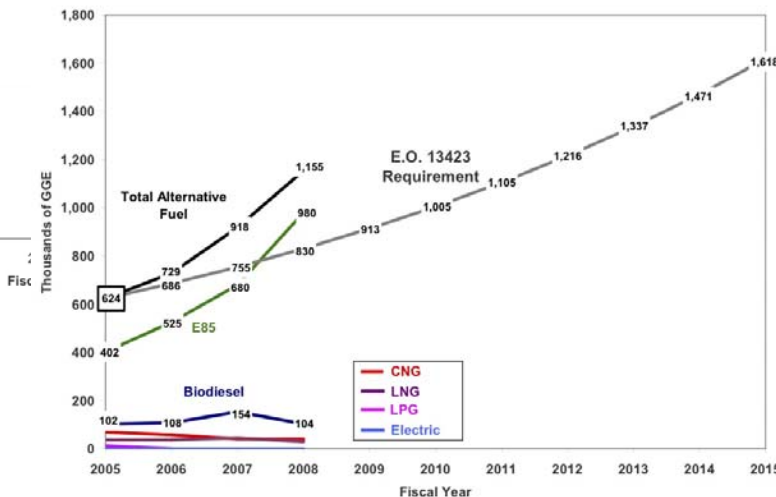


Exhibit 6: DOE Alternative Fuel Increase vs. E.O. 13423 Goals



# 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](http://superefficient.org/procurement_me)

Reference this presentation as:

Ecoinstitut (2013). Monitoring and Evaluation of Green Public Procurement Programs [Slides]. Clean Energy Solutions Centre Webinar, September 25th 2013.



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BARCELONA

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[www.ecoinstitut.es](http://www.ecoinstitut.es)

[ecoinstitut@ecoinstitut.es](mailto:ecoinstitut@ecoinstitut.es)

Torre dels Pardals, 69 entl. 4a

08032 Barcelona

Tel 933481386 / Fax 934361094