

## Buy Smart+

### Country Experiences: Czech Republic

Zagreb, 11 March 2013

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# Procurement legislation

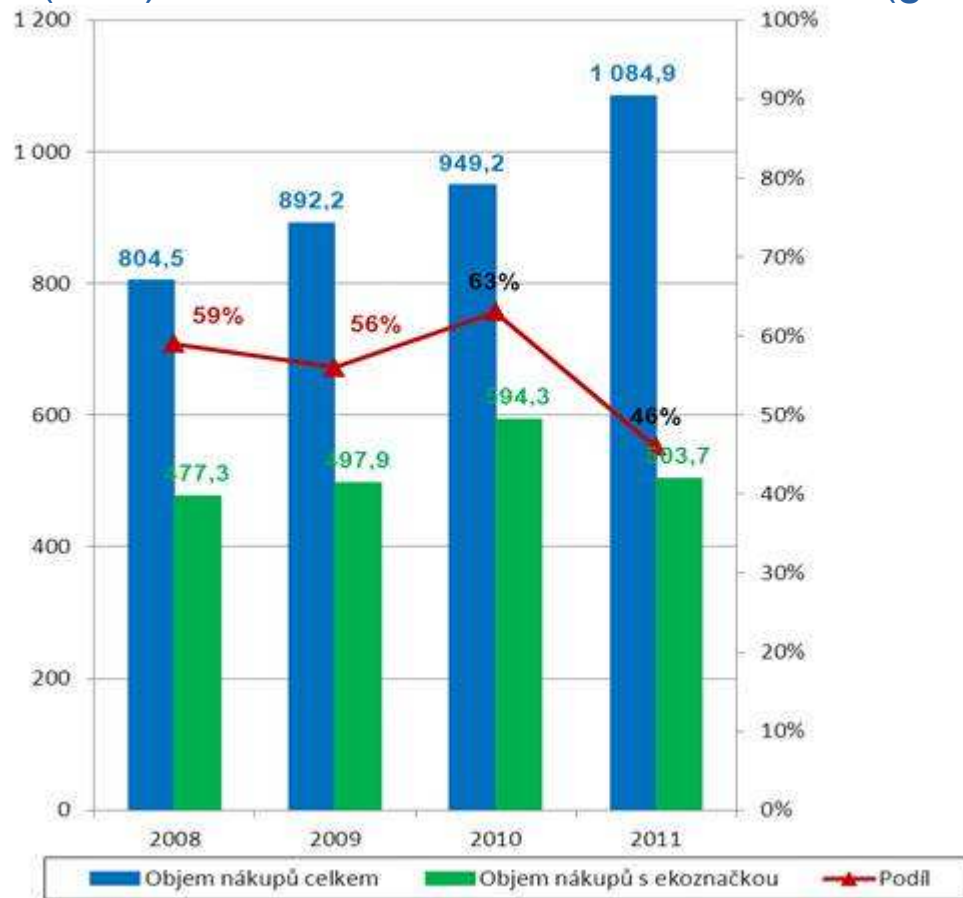


- Govt. Decision No. 465/2010 „**Rules for the application of environmental requirements in public contract award procedures and purchases made by the state and local administration**“
  - Members of the government and government organizations have to follow these criteria
  - Other public organizations are recommended to follow them
  - Purchase methodologies for **furniture and IT equipment** containing specific introductions how to enter and evaluate GPP tender and examples of the tender documentation
  - Criteria for **other products** were supposed to follow, but no progress yet
  - Recommends to governmental and public organisations to prefer products with **eco-labels**
- **Expected developments:**
  - Amendment of Govt. Decision No. 465/2010
  - No monitoring in the next year

# Procurement practice – evaluation of Govt. Decision No. 465/2010



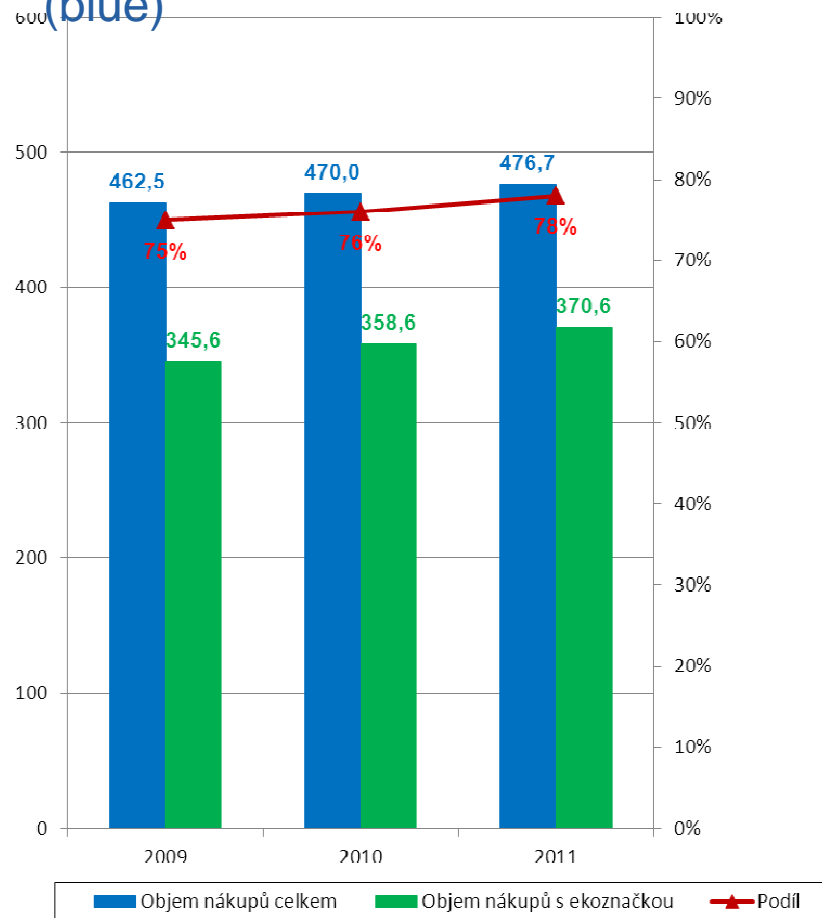
- Governmental purchases in mil. CZK & share of products with eco-label (blue) (green)



# Procurement practice – evaluation of Govt. Decision No. 465/2010



- Governmental IT purchases in mil. CZK & share of products with eco-label (blue) (green)



- Act No. 137/2006 on public tenders
  - Implementing environmental provisions of the directives 2004/18/EC and 2004/17/EC
  - Giving the possibility to include **environmental criteria in GPP**
  - To evaluate the offers according to lowest price or **the most economically advantageous offer** in which more criteria can be introduced
  
- Currently more pressure to use the **lowest price** as the only evaluation criterion due to:
  - Financial crisis and cuts in the public budgets
  - Corruption scandals and the new anti-corruption policy
  - Increase in the number of lawsuits

- Update of Act No. 137/2006 on public tenders → part of governmental will to avoid corruption
  - This update supports in greater degree an objective criteria (no subjective criteria)
  - this requires a very detailed tender documentation(e.g. value of thickness of thermal insulation has to be specified)

As a result:

- suppliers can not propose their own solution and improve energy performance or other env. characteristics
- suppliers are forced to offer a low price to get a contract → lower quality of works as a result

## Political initiatives / other projects

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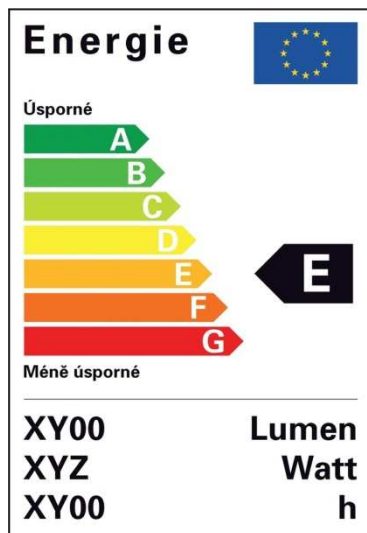


- Political initiatives
  - Last initiative was inclusion of GPP in the NEEAP
  
- Other projects
  - Project Buysmart + has currently no competitor directly in GPP area in the Czech Republic
  - Guidebook on GPP for the Programme EFEKT (Ministry of Industry)
  - Some projects on inclusion of social criteria when buying IT equipment

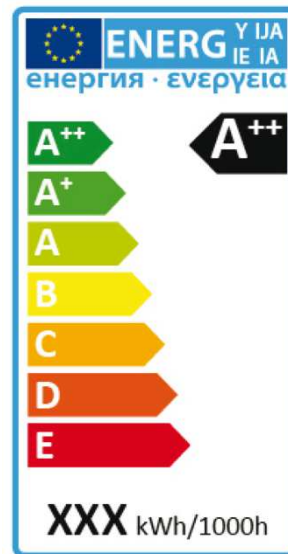
# Important labels in the Czech Republic for our product groups: IT, lighting, vehicles and building

- IT equipment - none
- Lighting

current label for lamp



new label for lamp



example of new label for luminaire



Regulation No 874/2012  
valid from 1.9.2013

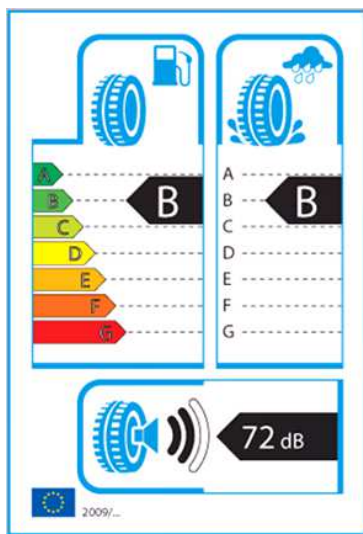


# Important labels in the Czech Republic for our product groups: IT, lighting, vehicles and building



## ➤ Vehicles

For tyres



Regulation No 1222/2009  
valid from 1.11.2012

## ➤ Building – Certificate of energy performance of the building

current certificate

**PRŮKAZ ENERGETICKÉ NÁROČNOSTI BUDOVY**

Novostavba rodinného domu

Celková podlahová plocha: 142,4 m<sup>2</sup>

Měrná vypočtená roční spotřeba energie v kWh/m<sup>2</sup>rok: 132

Celková vypočtená roční dodaná energie v GJ: 67,70

Podíl dodané energie připadající na:	
Vytápění	66,0 %
Chlazení	
Větrání	
Teplá voda	21,0 %
Osvětlení	13,0 %

new certificate

**PRŮKAZ ENERGETICKÉ NÁROČNOSTI BUDOVY**

Ulice, číslo: \_\_\_\_\_

PSČ, místo: \_\_\_\_\_

Typ budovy: \_\_\_\_\_

Plocha obývací budovy: \_\_\_\_\_ m<sup>2</sup>

Objemový faktor teploty A/V: \_\_\_\_\_ m<sup>3</sup>/m<sup>2</sup>

Energetická vztáhná plocha: \_\_\_\_\_ m<sup>2</sup>

**ENERGETICKÁ NÁROČNOST BUDOVY**

Celková dodaná energie (E<sub>net</sub>) na vypočtené množství: \_\_\_\_\_ kWh/m<sup>2</sup>rok

Neobnovitelná primární energie (E<sub>np</sub>) na vypočtené množství: \_\_\_\_\_ kWh/m<sup>2</sup>rok

Měrné hodnoty: **A** (Dop.), **B** (Dop.), **C** (XXX), **D** (XXX), **E** (XXX), **F** (XXX), **G** (XXX)

Hodnoty pro celou budovu: **XX** (Dop.), **XX** (Dop.)

**UKAZATELE ENERGETICKÉ NÁROČNOSTI BUDOVY**

Okres budovy	Vyspání	Osvětlení	Větrání	Uprava vlností	Teplá voda	Osvětlení
A	B	C	D	E	F	G
XX	XX	XX	XX	XX	XX	XX

valid from 1.4.2013

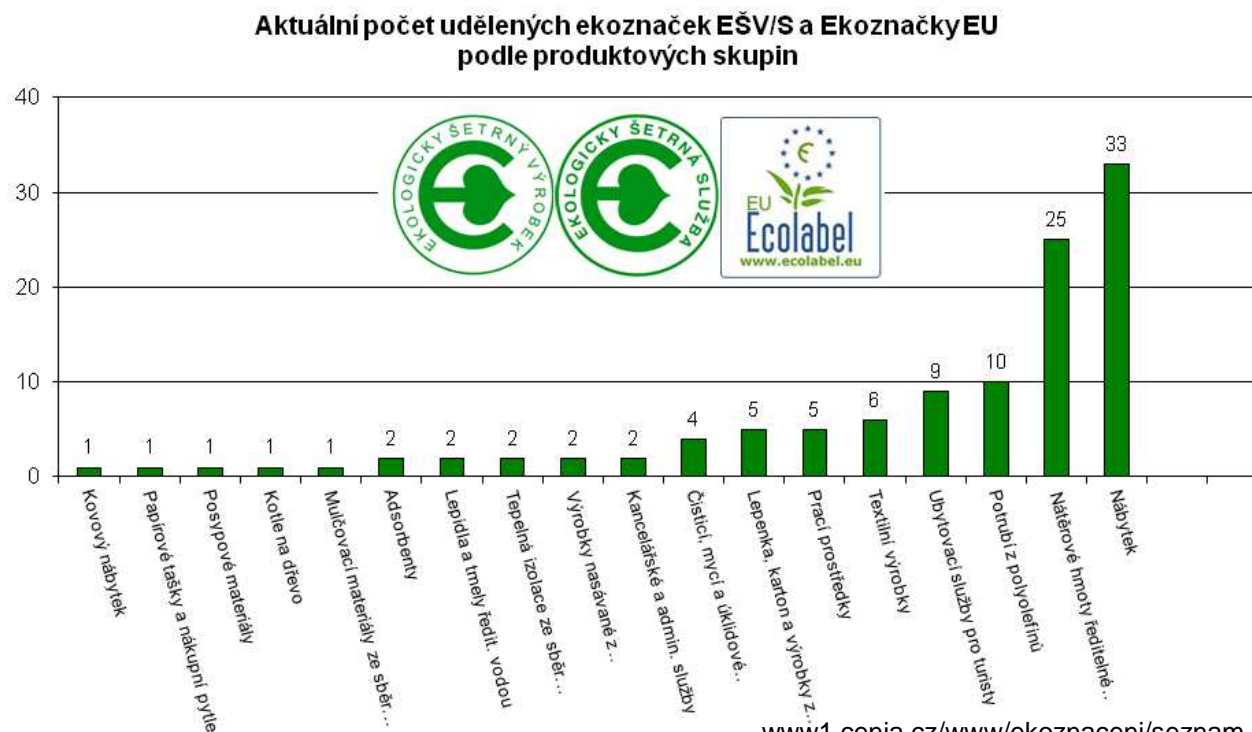
# Important labels in the Czech Republic other



## ➤ Environmentally friendly product/service

Managed by the Agency for environmentally friendly products and services as part of Czech Environmental Information Agency (CENIA)

Počty licencí dle skupin	
Kovový nábytek	1
Papírové tašky a nákupní pytle	1
Posypové materiály	1
Kotle na dřevo	1
Mulčovací materiály ze sběr. papíru	1
Adsorbenty	2
Lepidla a tmely ředit. vodou	2
Tepelná izolace ze sběr. papíru	2
Výrobky nasávané z papíroviny	2
Kancelářské a admin. služby	2
Čisticí, mycí a úklidové prostředky	4
Lepenka, karton a výrobky z nich	5
Prací prostředky	5
Textilní výrobky	6
Ubytovací služby pro turisty	9
Potrubi z polyolefinů	10
Nátěrové hmoty ředitelné vodou	25
Nábytek	33



[www1.cenia.cz/www/ekoznaceni/seznam-esv](http://www1.cenia.cz/www/ekoznaceni/seznam-esv)

# Buy Smart+ experiences



## ➤ WP2 Helpdesks

- Purchasing Policies, Procurement Standards, Labels, Guidelines and calculation tools for our product groups ( IT, vehicles, lighting, building) and online training tool
  - all documents and tools uploaded to the website

## ➤ WP3 Knowledge Transfer

- Twinning with Hungary and Austria  
results: one question and meeting in Hungary

## ➤ WP4 Training

- Consultations: 24/45

the most common questions are about buildings

- Trainings: 6/20

GPP general and energy labels – town Říčany  
lighting – town Říčany, Zlín, Praha, Brno  
buildings – town Říčany

# Buy Smart+ experiences

## - Good Practise: 4/6

### 1) Street lighting in the City of Havířov (product group: Lighting)

- Within the project described in this case study, the public lighting management system has been introduced.
- The management system allows for continuous (distance) monitoring and switching.
- The main subject of the tender dossier was the requirement for **delivery of the managing workstation including software** and for delivery, mounting and putting into operation of **10 distribution boards**.



### 2) Ministry of the Environment of the Czech Republic (product group: IT equipment)

The main aim of MoE in the tender (apart from the obvious reason - purchase of IT equipment) was confirming the possibility of using the environmental requirements set by the National legislation Rules. The subject of the tender was **IT equipment with higher energy efficiency and lower impacts to an environment**.

Ministerstvo životního prostředí

# Buy Smart+ experiences



## - Good Practise: 4/6

### 3) INTOZA – OTAZNIK training centre (product group: Building)

Intoza company specializes in construction of low-energy and passive houses. In line with this specialization they have built their own quarters in Ostrava in passive standard. The quarters of Intoza company, building called OTAZNÍK (“Question mark”), is **the very first passive office building in the Czech Republic**. The administrative building fulfils its “passive function” in two ways. Firstly, it is the passive house, and secondly it serves as a **training centre and illustrative example during seminars on new energy efficient technologies**.



### 4) Street lighting in Moravska Trebova

Thanks to the employment of method EPC during the **reconstruction of the street lighting in Moravská Třebová**, the Czech Republic is now able to present a unique approach which is very likely to be employed again in the future.



# Buy Smart+ experiences



- Networking:  
cooperation with Czech Environmental Information Agency (CENIA)

## ➤ WP5 Pilot Projects

### Shopping centre Chodov in Prague

Use of rainwater and drainage water for flushing toilets, watering and cleaning.

- reduction of the consumption of the drinking water



production of the drinking water is very energy intensive



## ➤ WP7 Dissemination

- Presentations – 5/5
- Newsletter – 2/5
- Media coverings - 12/12
- Press releases / articles – 2/5

# Lessons learnt



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- Focused on buildings (building envelope, technical equipment of buildings)
  
  - **Success factors** in public and private sector
    - subsidy programmes: **Green Savings, Operational Programme - Environment, Programme Eco-energy**
    - motivational factor → more levels of subsidy depending on the CO<sub>2</sub> savings (the level of subsidy is set up according to level of energy savings)
    - financing by EPC method
  
  - **Barriers** in public sector
    - Act No.137/2006 on public tenders minimalises a possibility to apply conditions of GPP
    - the most commonly used criteria is the lowest price
  
  - **Barriers** in private sector
    - long pay-back period → is longer than the private sector accepts

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# Thank you for your attention

SEVEN o.p.s., Czech Republic

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