

Good examples of making inventory of the central government building

Ing. Pavel Sitný

Director

ENVIROS, s.r.o.

Approach and Structure description



Please give an overview of :

- 1. Adopted Approach (*Default or Alternative Approach*)** As for the alternative or default approach in the Czech Republic was not yet decided. 1. phase, 14 ministries, 60 selected buildings, consumption per year from invoices, now started 2. phase with 4-5 thousands buildings, consumption per month or year (50:50), main and secondary measure devices,
- 2. How has been the inventory structured?** Administrative buildings of ministries, now has to be extended to all state organizations,
- 3. Who are the ministers or public bodies responsible/involved in the process of the inventory preparation?** Responsible persons nominated by Ministers + its deputy + major of the building through a web application, coordination State Energy Inspectorate (SEI),
- 4. Which kind of data have been included? (e.g. Bs energy performances, energy data, ...)** consumption/m², number of employees, working hours, energy costs per month, degree days, development trend, supplier of energy, comparison between buildings to motivate to switching of supplier,



- 1. Which are the existing Data Bases on Public Buildings ?** CRAB - <http://crab.uzsvm.cz/> , Central Registry Office Buildings, EU subsidized development of CRAB,
- 2. Are there specific DB under development?** CRAB is approved by law,
- 3. Which is the responsible body for these DBs?** Office for Government Representation in Property Affairs, SEI, MPO, ENVIROS,
- 4. Could DBs from Energy Building Certification be utilised for the inventory making?** Yes, with some limitations
- 5. Are there Obligation on Energy Audit in force for Public or Private Buildings?** Yes, when the consumption is higher then stated by law,
- 6. Which Criteria have been identified for the exemption of certain public Buildings categories?** See EED

Issues and solutions



CONCERTED ACTION
ENERGY EFFICIENCY
DIRECTIVE



- 1. Main Issues during inventory making (barriers, lacks, difficulties encountered)** Budget, energy education of ministerial employees, loss of employment for some officials, necessary competence to decide,

✓

- 2. Solutions (which options to overcome above constraints)** Automatic data collection

✓

Organisational structure and costs



- 1. What has been the Organizational Structure adopted?**
- 2. Who are the people or bodies involved in running/coordinating the project?** SEI, MPO, ENVIROS, + nominated persons from ministries
- 3. How many people have been working to establish/accomplish the inventory?** *16 with part time job*
- 4. What is the cost of the activity?** 15 thousand of EUR per year
- 5. Where did the funding come from?** State budget
- 6. Are there specific funds addressed to the inventory making?** No

A multipurpose exercise?



- 1. How does the inventory making affect the Building stock renovation strategy (art. 4 EED, Building renovation):**Monitoring of government buildings serve inter alia to create strategy to meet EED, art. 4
- 2. Does inventory making for EED creates overlapping or additional value to activities to be implemented upon the provisions of both EPBD and RES Directives?** CRAB is used to optimize the use of state real property. Energy has just joined him with no ties to EPBD or RE4S.
- 3. Any suggestion about how to optimize efforts and avoid double work?** No comment

Thank you for your attention



CONCERTED ACTION
ENERGY EFFICIENCY
DIRECTIVE



Josef Votruba & Pavel Sitný

**Na Rovnosti 1
130 00 Prague 3
Czech Republic**

Tel: +420 284 007 493

Email: josef.votruba@enviros.cz

