Monitoring of Innovation Procurements in Estonia

Paul Jaakson
Executive Officer/Ministry of Economic Affairs and Communications

07.09.2017
Overview

1. Stimulus of measurement
2. e-Procurement register
5. Summary
1. Stimulus of measurement

- Level of innovation awareness among procurers (%)
- Economic impact of innovation procurements (€)
- Efficiency of policy making initiatives (change)
- Good examples
2. e-Procurement register

- In 2015 80% of procurements in e-Procurement register
- Goal for 2018 is 100% (https://www.rahandusministeerium.ee/et/riigihangete-politika)
3. Survey

- Basic task: Basic level of innovation procurements? Monitoring system?
- Mapping the experience of other countries
- Definition of innovation
- Analysis of public procurements in 2015 in the public procurement register
- Potential innovation procurements
- Questionnaire
- Basic level of innovation procurements in Estonia 2015

Figure 1. Scheme of survey of basic level of innovative procurements
Innovation definition

1. Did you acquire research and development activity in the scope of this procurement? (For example: basic research, application research, testing and development etc.)

2. Was the object of the procurement novel for the contracting authority as well as for the whole market in general? (For example: Defence Forces procured a blocking device for the activation signal of explosives set off by radio which did not previously exist on the market.)

3. Was the solution procured in the scope of this procurement novel for the contracting authority? (For example: the procurement of a control system of smart street lighting. Must be novel in local level but may be used in another country.)

4. Did the procured solution make the work processes at the facilities of the contracting authority more effective? (For example: using an IT solution in new fields such as the procurement for a traffic flow control and planning system at Tallinn harbour)
3. Survey - Results

76 procurements were considered as innovative. 90% of innovative procurements are in the field of IT or related to IT.

Figure 2. Fields of procurement objects
3. Survey - Results

Outcome:

• 0,7–1,2% of e-procurements carried out in Estonia in 2015 can be considered innovative.

• Survey can be found here: https://www.mkm.ee/sites/default/files/inno_26_eng.pdf

• Filter out „regular“ procurements
• 4 yes/no questions that procurers will answer
• Procurements will get marked as „potentially innovative“
• The measurement started on 01.09.2017
• Enables to question bidders
Innovation questions

1. Did you acquired research and development activity in the scope of this procurement?

2. Was the object of the procurement novel for the contracting authority as well as for the whole market in general?

3. Was the solution procured in the scope of this procurement novel for the contracting authority?

4. Did the procured solution made the work processes at the facilities of the contracting authority more effective?
Summary

- e-Procurement register enables monitoring
- Innovation questions as a “definition of innovation“
- Monitoring system as a „filter“
- Outcome: List of potentially innovative procurements
Thank you!

Paul Jaakson
paul.jaakson@mkm.ee