



Financing innovation procurement – the Swedish case

2017-11-29



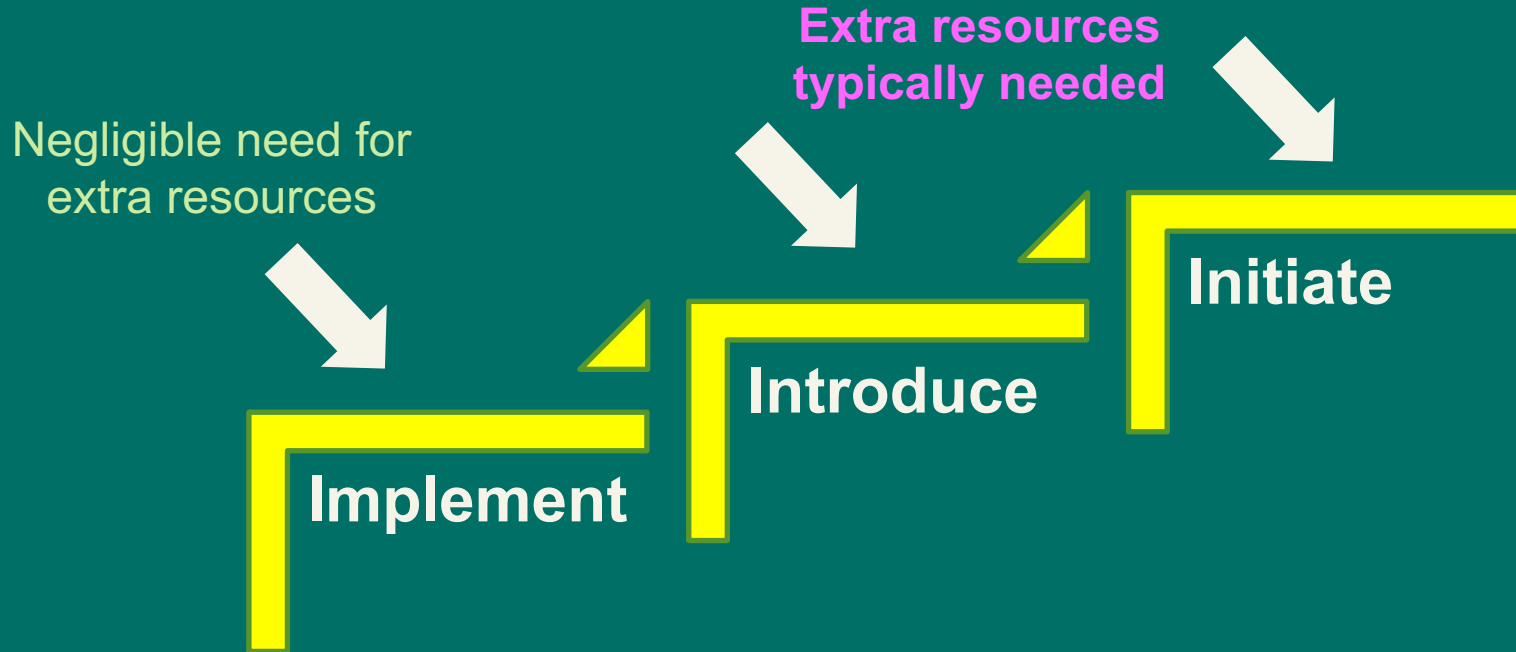
18,3%

of GDP equivalent
to annual public
procurement in
Sweden
(EUR 69,7 billion)

3,3%

of GDP equivalent
to annual R&D
investment in
Sweden
(EUR 14,6 billion)

Need for financing?



“Stairway” of innovation in procurement

- *Implement*: open up procurement to include new solutions
- *Introduce*: procure new solutions
- *Initiate*: acquisition of R&D with the aim to arrive at new solution

What sources of finance is available?

- Internal resources (e.g. strategic financial resources or R&D budgets) – only larger contracting authorities
- EU (R&D framework programmes and possibilities within the structural funds)
- Some governmental agencies: e.g. Swedish Energy Agency and Swedish Environmental Protection Agency (only for buyer's networks)
- **Vinnova**

Vinnova has three roles



Investment in
research and
innovation



National EU node



Expert agency



300 million euro
**invested by Vinnova in research and
innovation in 2016**

Source: Annual Financial Report 2016

Vinnova's investments in public innovation procurement

- Development of innovation procurement financing:
 - Special pilot programme between 2011 until 2013
 - Governmental assignment 2013 – 2014
 - Part of larger programme focused on innovation in public operations 2014 – 2017
 - Also "strategic projects" between 2014 - 2017
- Characteristics of financing:
 - Fairly small investment as a whole

Fairly small investments (with one exception)

(Main) applicants has to be procuring authorities

Financing only (no preparing or performing of procurements)

Support to many projects by the National Agency for Public Procurement

5 project types: pre-study, procurement, EU project, buyer's network and knowledge

Both PCPs, negotiated proc., comp. dialogue etc. (no innovation partnerships yet)

● Ongoing VINNOVA innovation procurement projects: 12 (total stock is around 40)

- Green: procurement
- Blue: pre-study
- Grey: EU-projekt
- Yellow: buyer's network
- Red: knowledge

Beställargrupp välfärdsteknik

Beställargrupp boknings- och bidragssystem

Electric roads, Swedish Transport Authority

Dekontaminerande tvättekni, Räddningstjänsten Göteborg

IMAILE, Halmstad municipality

Innovationsupphandling för att motverka fall på sjukhus, Region Skåne

IUpp arbetsmodell för små och medelstora kommuner, Skurup kommun

IUpp för drift och underhåll, Trafikkontoret, Stockholms stad

Innovativ marksanering, Stockholms stad

Kunskapspaketering och spridning IUpp, Karolinska universitetssjukhuset

Internet of things för effektivare smittspårning, Innovation Skåne

Nationellt samordnad innovationsupphandling av nya lösningar för positionering av patienter vid strålbehandling, Norrlands universitetssjukhus

Innovation procurement at Vinnova in the future

Expand into Vinnova's general portfolio

Focus on capacity building (buyer's networks, poss. lab)

Innovation partnership (an alternative to grants?)



Also: follow-up of projects planned for spring 2018, together with National Agency for Public Procurement).

Innovation procurement financing in Sweden in general

- Hopefully more buyer's networks, financed by themselves and other national agencies.
- Apart from that, little chance of national financiers of innovation procurement (other than Vinnova)
 - National Agency for Public Procurement is not a financing authority, and there are no indication that this will change



Sweden's Innovation Agency

www.vinnova.se