



Horizon 2020 and public procurement

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Demand-driven innovation is considered to have huge untapped potential to grow the EU economy and help address environmental and social challenges

" Public procurement is at the centre of recent demand-side innovation policy initiatives.

Because of their large purchasing power governments can pull demand for innovation and can also create a signalling effect as lead user and influencing the diffusion of innovations more broadly".

*DEMAND-SIDE INNOVATION POLICIES – © OECD
2011*

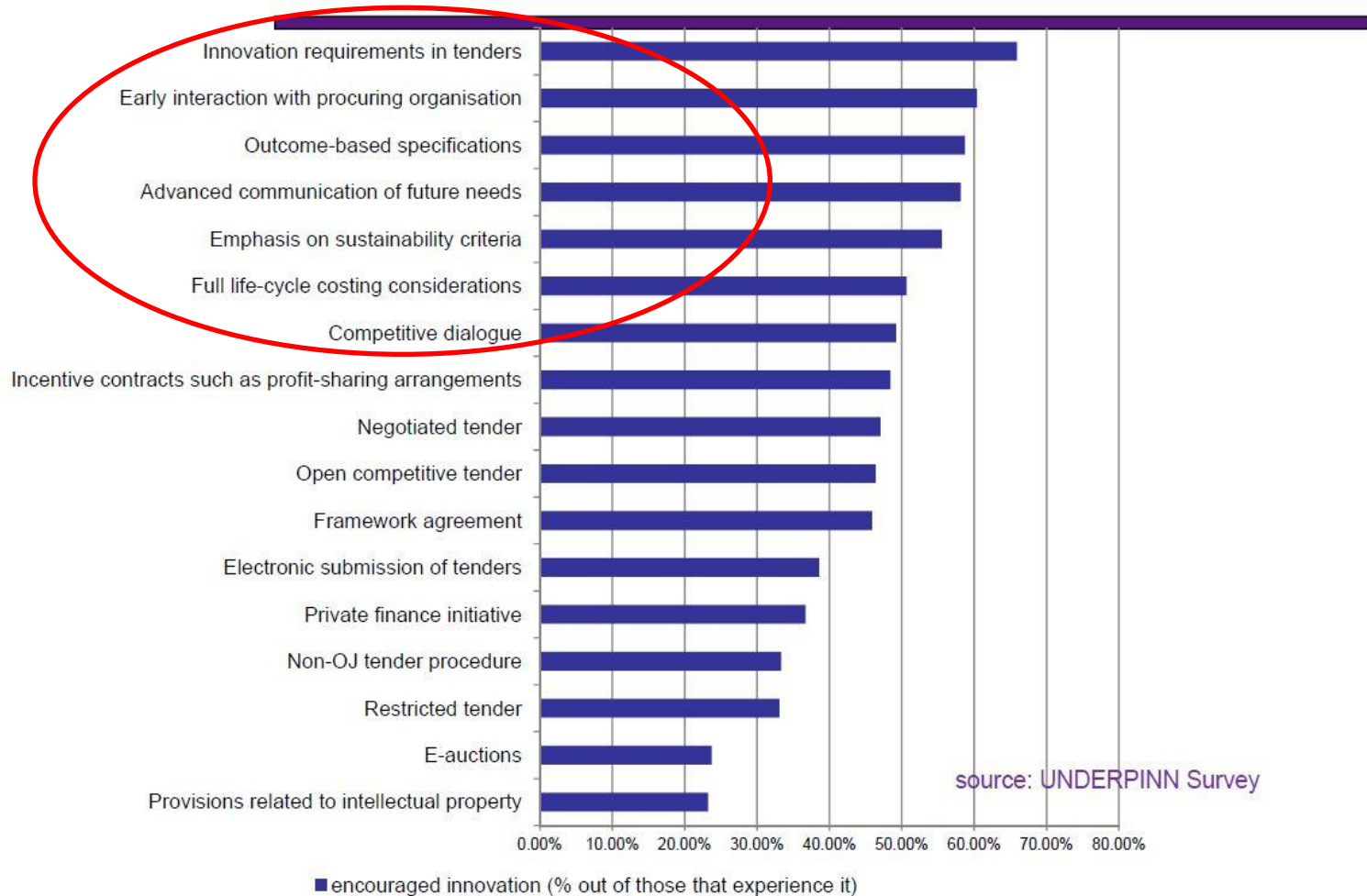
In 2010, in the EU the public sector spent over **EUR 2 406 billion** on goods, services and works – amounting to around **19.7% of EU GDP**

In 2010, over **160 000** invitations to tender were published for a value of **EUR 447 billion**

Which practices encourage innovation?



Which practices encourage innovation?





EU Framework Programme for Research and Innovation

- Nearly €80b over seven years (2014-2020)
 - Excellent Science
 - Industrial Leadership
 - » Including ICT
 - Societal Challenges
 - Health, demographic change and wellbeing
 - Food security, sustainable agriculture and forestry, marine, maritime and inland water research and the bioeconomy
 - Secure, clean and efficient energy
 - Smart, green and integrated transport
 - Climate action, environment, resource efficiency and raw materials
 - Europe in a changing world
 - Secure societies – protecting freedom and security of Europe and its citizens





- Increased focus on innovation
- Two new instruments related to procurement
 - Public Procurement of Innovation (PPI) – innovative goods & services
 - » EU co-funding rate increased from 20% to 35%
 - Pre-commercial Procurement (PCP) – R&D
 - » EU co-funding rate increased from 70% to 90%
- Also other instruments to drive innovation from the demand side
 - Coordination and Support Actions (CSA)
 - » Supports the development of networks and preparation activities
 - Innovation Action (IA)
 - » Supports demonstration of new solutions in real applications
 - Inducement Awards
 - » EUR 1 million prize in 2019 for a CHP installation in a hospital using 100% renewable energy sources



- **Information and Communication Technologies**
 - CSA – Innovation procurement networks (25/4/17 deadline)
 - IA – Collective awareness platforms for sustainability and social innovation (25/4/17 deadline)
 - IA – Interfaces for accessibility (25/4/17 deadline)
 - IA – Equipment assessment experiments with end users (25/4/17 deadline)
- **Health, demographic change and well-being**
 - PCP – eHealth innovation in empowering the patient (16/2/16 deadline)
 - PPI for deployment and scaling up of ICT solutions for active and healthy ageing (16/2/16 deadline)
- **Climate action, environment, resource efficiency and raw materials**
 - CSA - Preparing for PCP and/or PPI in support of climate action, environment, resource efficiency and raw materials (deadline 8/3/16)
- **Secure, clean and efficient energy**
 - CSA - Engaging and activating public authorities (deadline 15/9/16 and 7/6/17)



The screenshot shows the 'Innovation Procurement Newsletter' page. At the top left is the European Commission logo. The main title is 'Innovation Procurement Newsletter'. Below this is a navigation menu with links: 'Funding opportunities', 'In focus', 'Events', 'News from around Europe', 'News from EU funded projects', and 'Studies & Surveys'. A central image shows a glowing yellow cube. Below the image are social media icons for LinkedIn and Facebook. The main content area features a section titled 'Funding opportunities' with a sub-heading: '130M euro of EU funding for innovation procurement in 2016-17 - Latest news: Horizon 2020 templates for PCP tender documents published'.

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