

# Eco-innovation: state of the art and potential in German Public Procurement



Market lounge at EcoProcura 2014

Gent 25/09/2014

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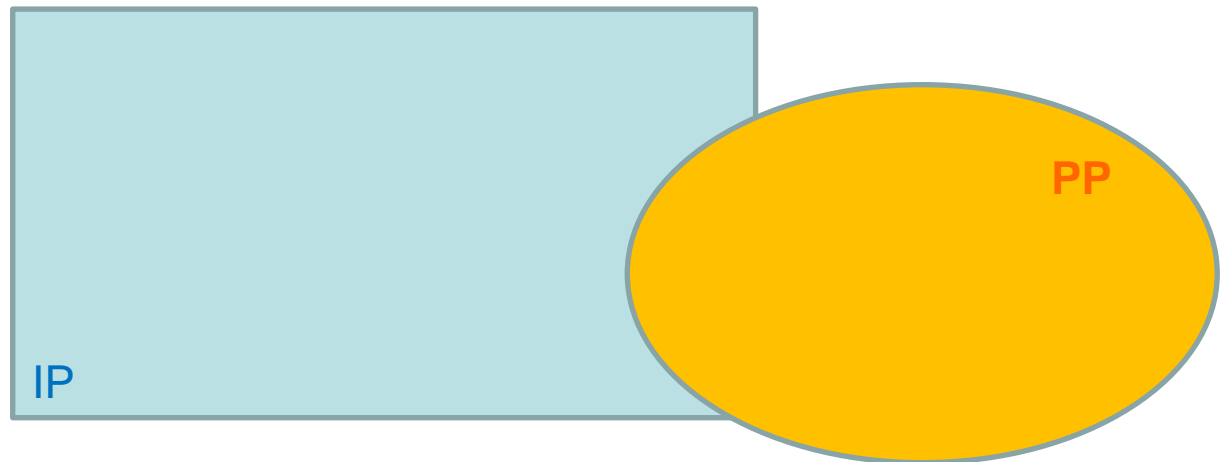
# The IÖW

## Institute for Ecological Economy Research

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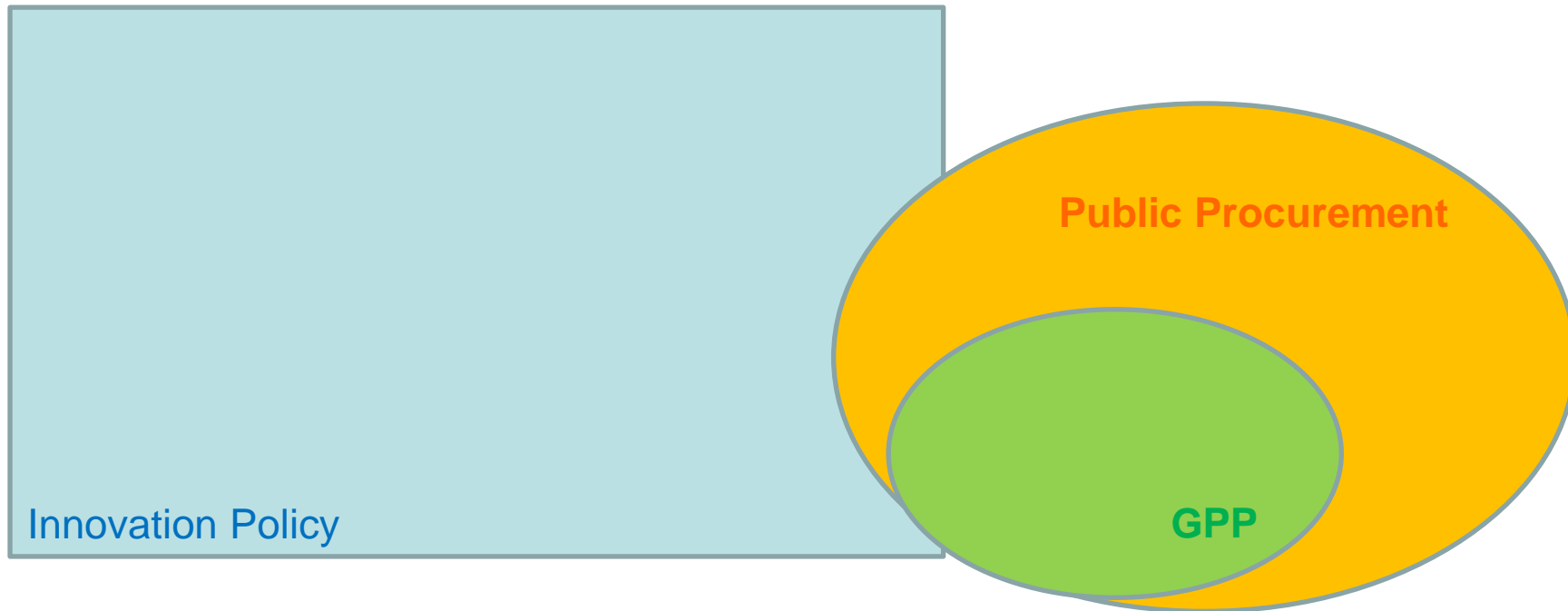
- leading scientific institute/ think tank
- practice-oriented research, consulting, strategies and approaches for a viable, sustainable economy
- founded in 1985
- non-for-profit
- „Center of excellence in social-ecological research“  
recognition by the German Federal Ministry of Education and Research
- > 400 completed research and consulting projects



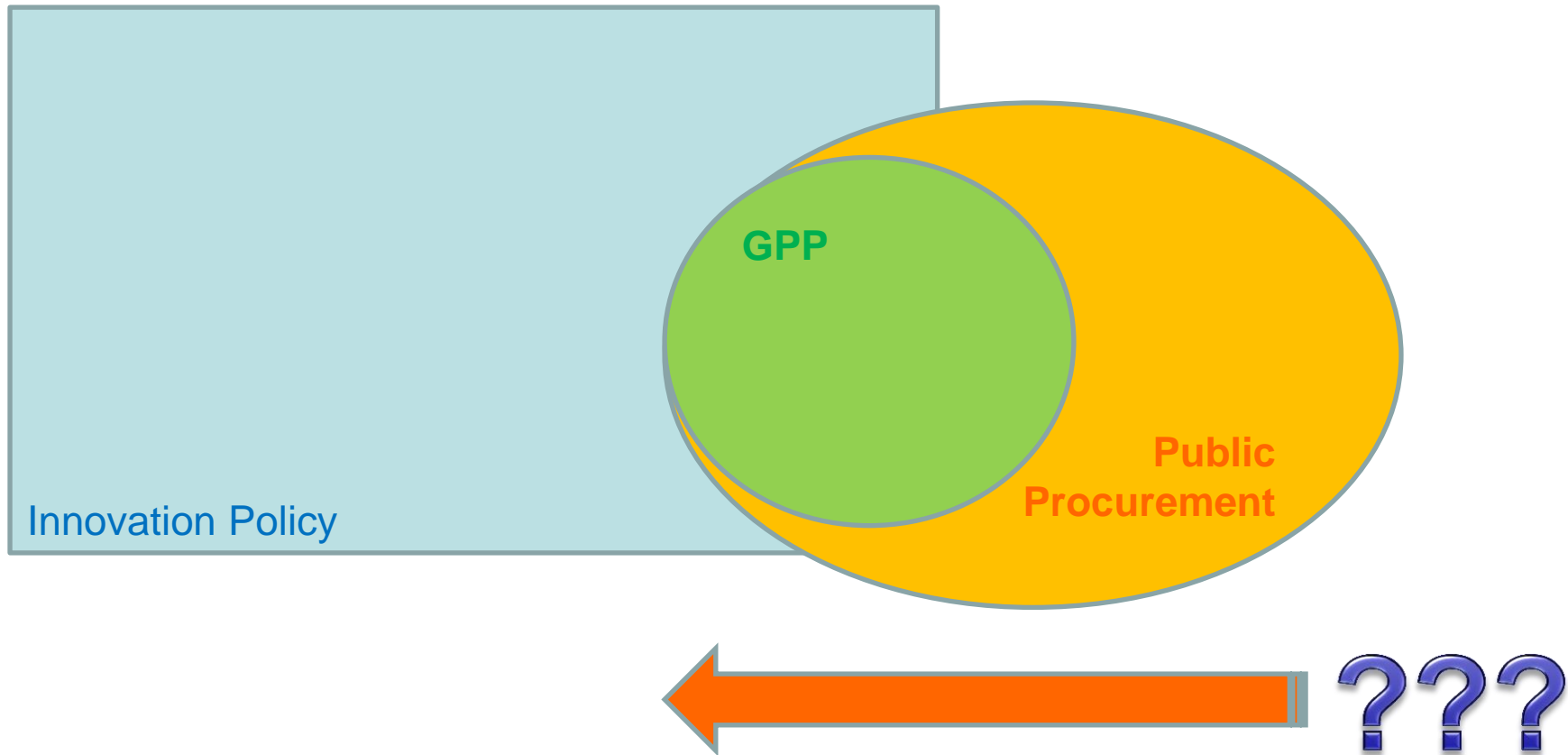
Spot on PP within the

# INNOVATION POLICY DEBATE

# The role of eco-innovative PP



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# General Potential of PP to stimulate (any kind of!) innovation

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## **Procurement of innovation**

Goods with new technologies

New application of existing  
technologies

New service approaches

Relevant PP expenditure:  
10% of all PP expenditure.

Priority goods & services:  
IT/ ICT; Energy and Environment,  
R&D and facility management

## **Innovative procurement processes**

(New) Management routines,  
such as

eProcurement

Joint procurement

Pre-commercial procurement

High potential for  
realising efficiency gains

# Specific German policy actions to spur innovation through PP

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- 2006 Hightech-Strategy
- 2007 **State Secretaries' Decision** on innovation orientation in PP
- 2008 Masterplan Environmental technologies (to be updated in 2015)
- 2009 Act on the modernisation of procurement law/  
report „public procurement as engine for innovation“
- 2011 Alliance on sustainable procurement
- 2012 **Competence Center for Innovative Procurement** (KOINNO)
- September 2014 **Hightech-Strategy**

# Significant policy instruments for GPP in Germany

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- no national level scheme / **no NAP for GPP**
- **Mandatory criteria** for wood, energy efficient products and services on federal level.
- **Mandatory use of LCC** in procurement procedures.
- **Procurement guidance** for several product groups based on criteria of the ecolabel Blue Angel.

# Significant initiatives for innovative GPP in Germany

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- **National Climate Initiative** funding for climate friendly investment in public facilities
- **German Procurement Agency, KOINNO and various municipalities:**
  - new organisational understanding, structures and networks
  - Energy efficiency (lighting)
  - PCP and PPI in E-mobility concepts, road construction, energy supply & storage

# Current challenges in tendering eco-innovative solutions

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less than half of the innovations presented at KOINNO address more environmentally sound solutions

Main focus:

- Economic growth, wealth and innov. leadership
- Change in understanding and infrastructure: mainstreaming IT-infrastructure, eProcurement, eHealth

Best practices for successful procurement of eco-innovation:

**Hamburg** recycled asphalt; integrative e-mobility strategy

**Kreis Coesfeld** biogas from domestic food waste  
→ delivering heat to 1400 households

**Friedberg/ Frankfurt region** street lighting with motion sensors

**Thank you for your attention.**



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