

# Evaluating the Implementation of the Circular Economy through Public Procurement

## Enabling Implementation of Circular Procurement

Cuno van Geet  
Rijkswaterstaat, Netherlands

EEEN workshop, Edinburgh 23 November 2017

# Evaluating the Implementation of the Circular Economy through Public Procurement

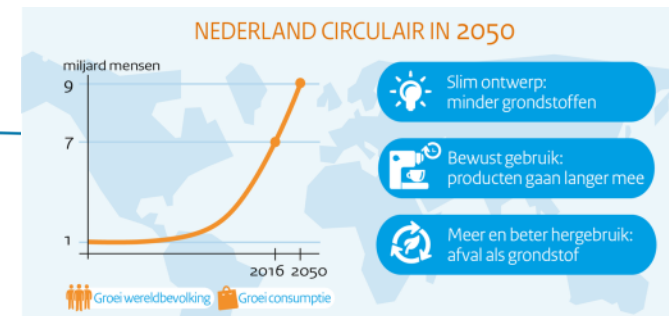
## Implementing Circular Procurement pilots

Take Padding  
PIANOo, Netherlands

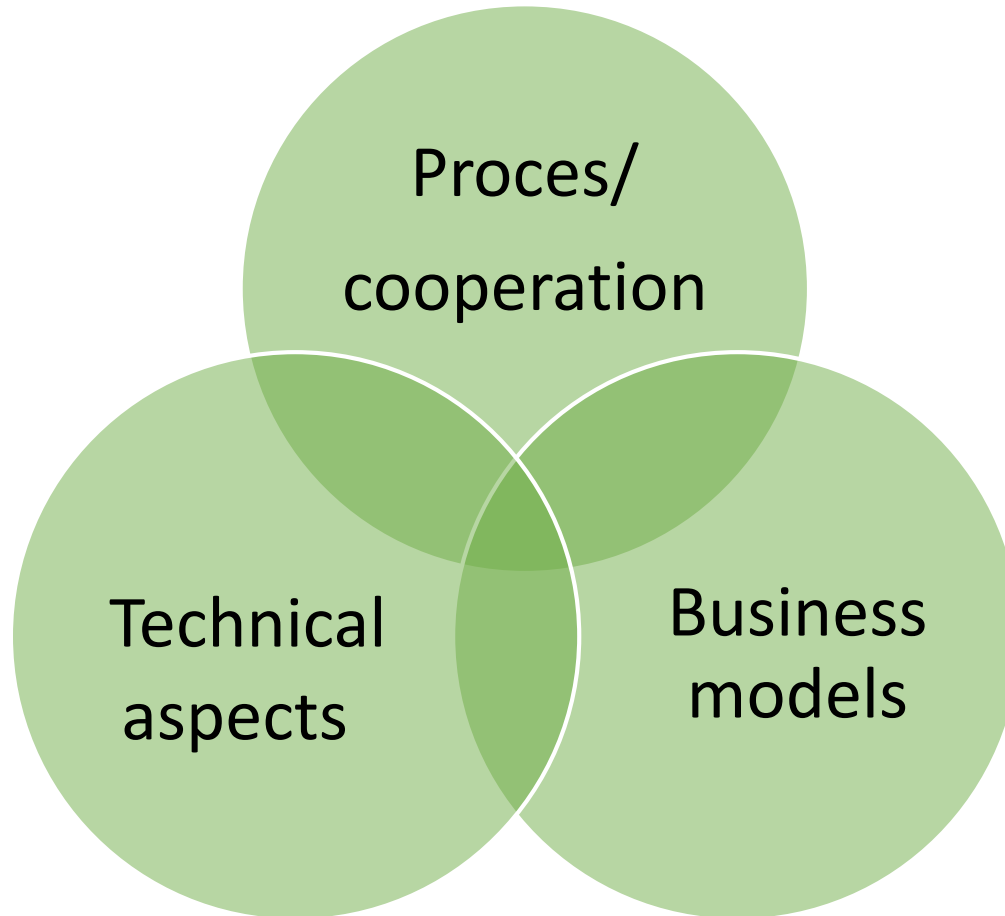
EEEN workshop, Edinburgh 23 November 2017

# Goals, goals, goals...

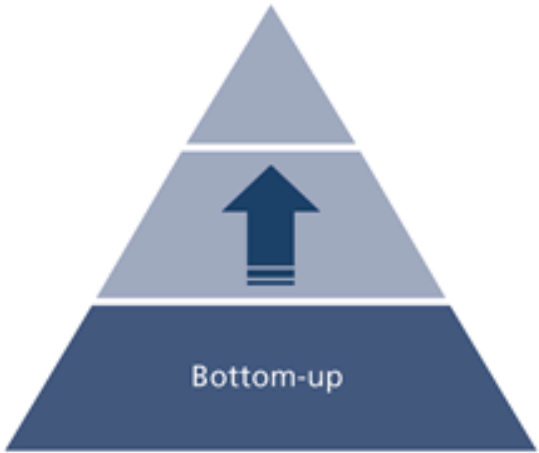
- 2015: Resolution Dutch parliament: 10% Circular procurement in 2020
- 2016: Program NL circular 2050: whole Dutch economy circular in 2050
- 2017: (Concept) circular transition agenda's (implementation plans): 25% Circular procurement in 2020, 50% CP in construction in 2023,... etc etc



# XX% Circular Procurement?



# Dutch approach of circular procurement



# 2013: Green Deal Circular Procurement



**green deal  
circulair  
inkopen**

- Every participant will start 2 pilots
- In 2016 CP should be a structural part of procurement policy.
  
- Community of Practice
- Active online and 'live' knowledge sharing
- Tools, best and worst practices
- In company Training

GEA



Rabobank

Interface FLOR



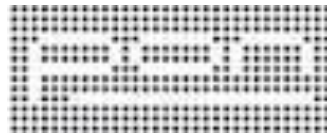
Rijksoverheid



UMC Utrecht



Gemeente Amsterdam



Gemeente Rotterdam



VANDERLANDE

provincie Utrecht

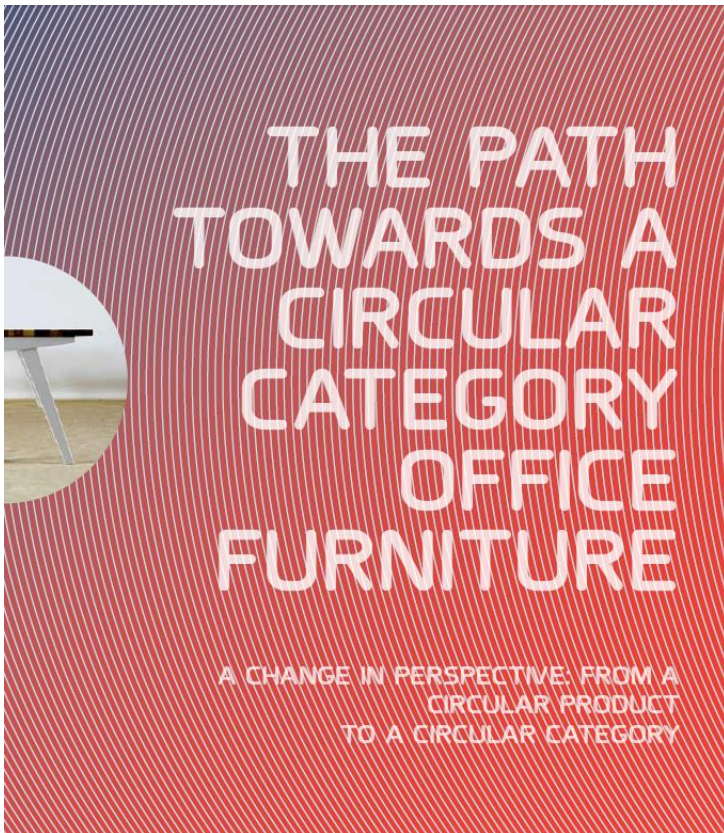
ProRail

# Municipal Office city of Venlo





# Towards circular office furniture for Dutch central government



Focus on redeployment of existing furniture and prolonging the lifetime of furniture

Expected annual savings:  
€8-11 million

# Circular Lighting solutions Schiphol airport



# New office: Alliander, Netherlands



# Circular design thinking

BUILDING CIRCULAR

ROOF  
STRUCTURE

SAFE  
LIGHT  
TRANSPORTABLE



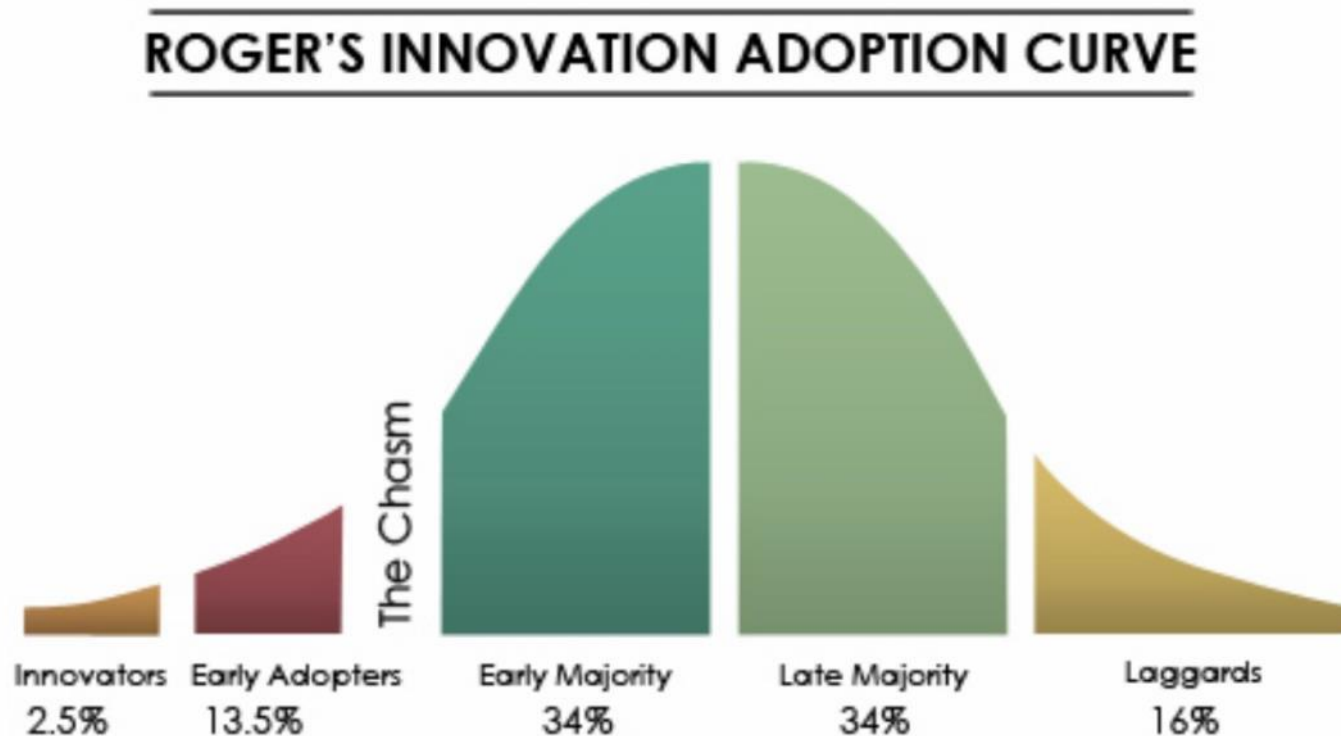
# Examples of Challenges

Customization is key



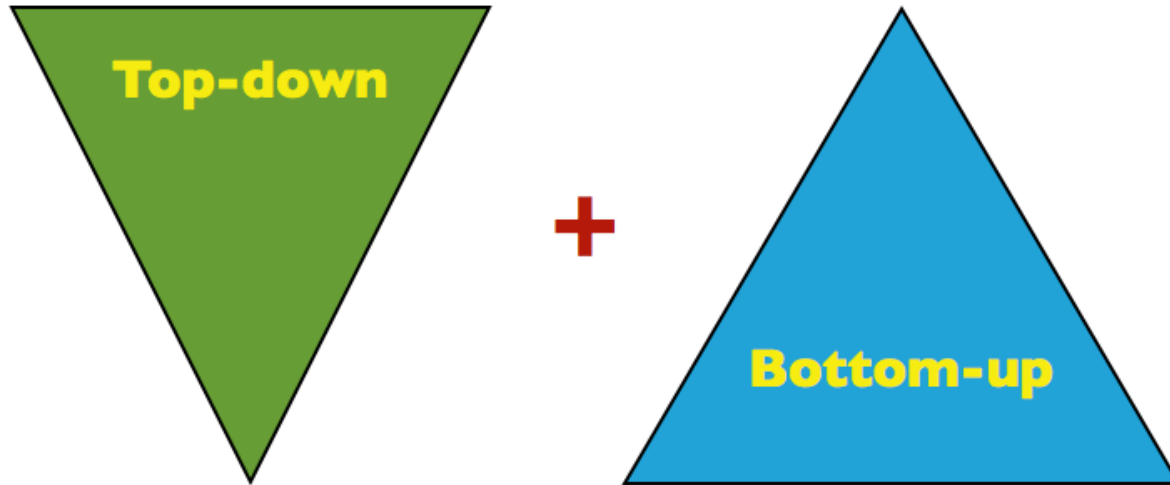
However, 'Classic' sustainable public procurement has a strong focus on standards, templates etc

# Pilots, pilots, pilots... how to cross 'the chasm'

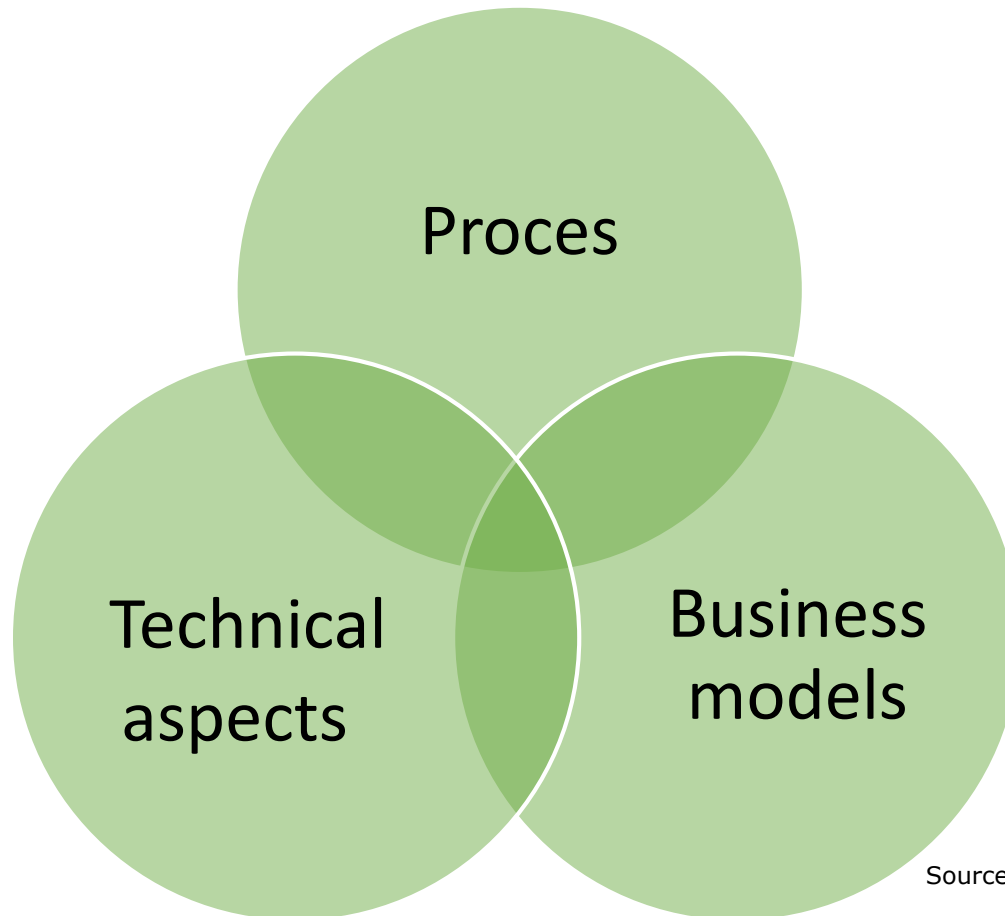


Trying to convince the mass of a new idea is *useless*.  
Convince *innovators* and *early adopters* first.

# Need for a top-down approach?



# Circular Procurement: How (and what) to measure?



Source: [www.Copper8.com](http://www.Copper8.com)



# Evaluating the Implementation of the Circular Economy through Public Procurement

## Challenge in Evaluating impacts of Circular Procurement

Mervyn Jones  
Sustainable Global resources, U.K.

EEEN workshop, Edinburgh 23 November 2017


# Estimated REBus benefits of scaling CE/P

European Union € 324 billion ([www.rebus.eu](http://www.rebus.eu))

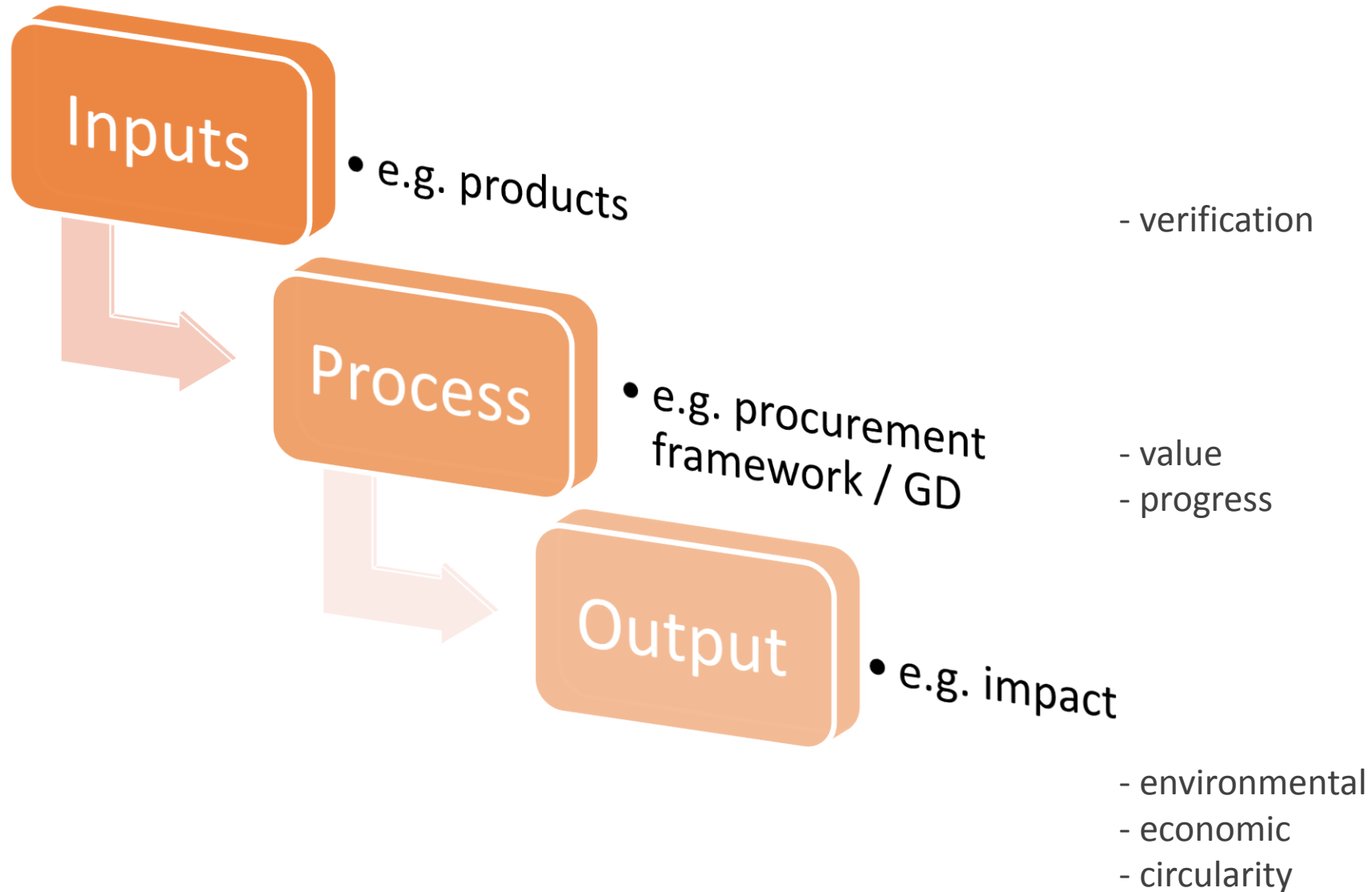


Sources: EU, Ellen McArthur Foundation, Club of Rome, TNO, WRAP


# Challenge

- We lack a consistent measure of Sustainable Public Procurement as a mechanism for implementing circular economy and SDG goals
  - We can greatly improve our CO2 footprint with SPP and still act 95% linear
- 

# Circular procurement indicators



# Key questions

- How do we escalate SPP as an implementation instrument for circular economy?
  - How do we monitor and measure implementation of frameworks like the Green Deals going forward
  - What are the data collection and evaluation requirements?
- 



Rijkswaterstaat  
Ministry of Infrastructure and the  
Environment



Cuno van Geet Take Padding  
Rijkswaterstaat, Netherlands  
[cuno.van.geet@rws.nl](mailto:cuno.van.geet@rws.nl)  
[Take.Padding@PIANOo.nl](mailto:Take.Padding@PIANOo.nl)



Mervyn Jones  
Sustainable Global Resources, UK  
[mervyn@sustainableglobalresources.co.uk](mailto:mervyn@sustainableglobalresources.co.uk)

 **Interreg**  
Baltic Sea Region



EUROPEAN UNION  
EUROPEAN  
REGIONAL  
DEVELOPMENT  
FUND

CircularPP

