

**thank you for joining!**  
the webinar will begin shortly.

*brought to you by:*



# improving EPR programs worldwide: the new OECD guidelines

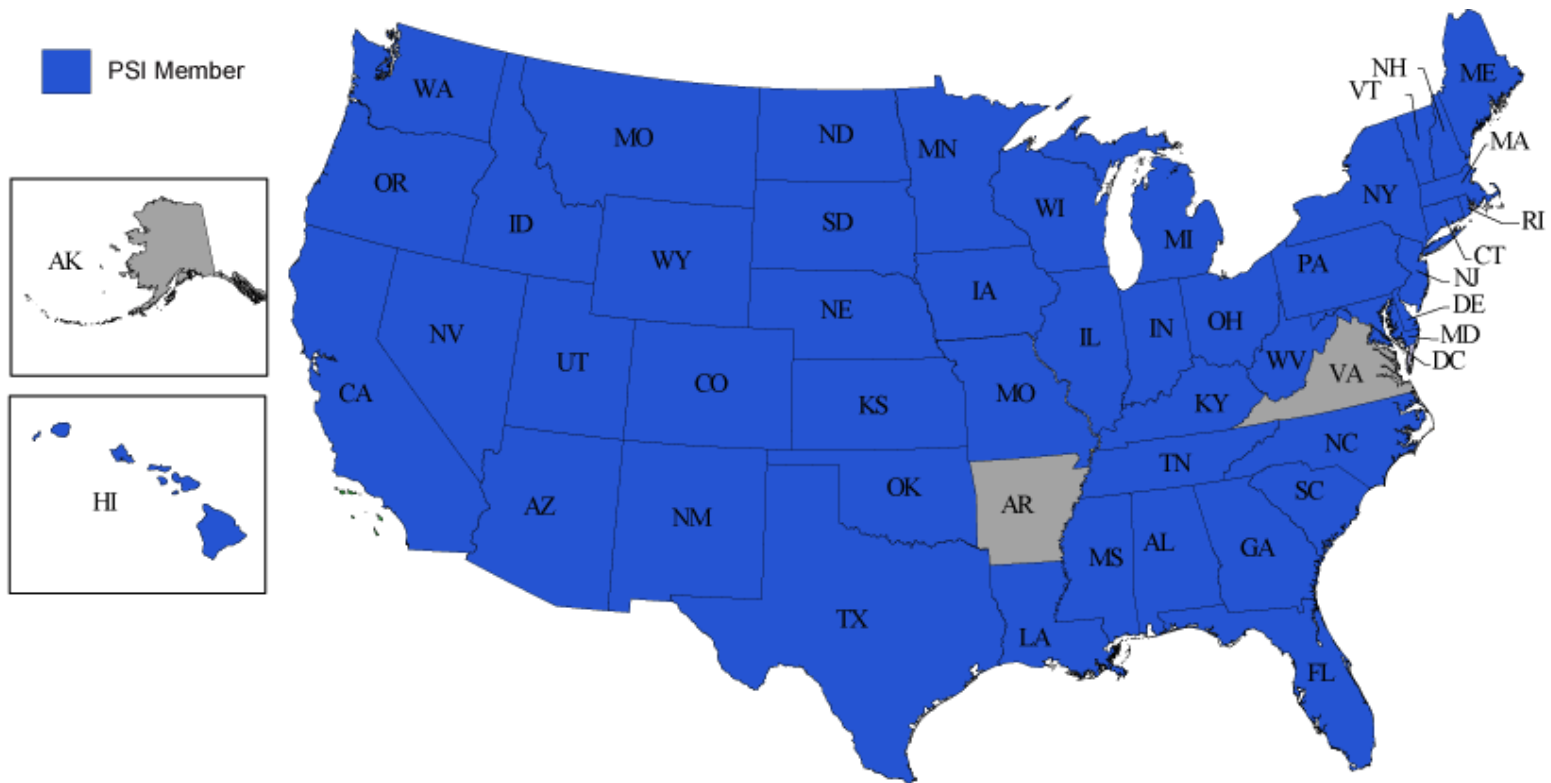
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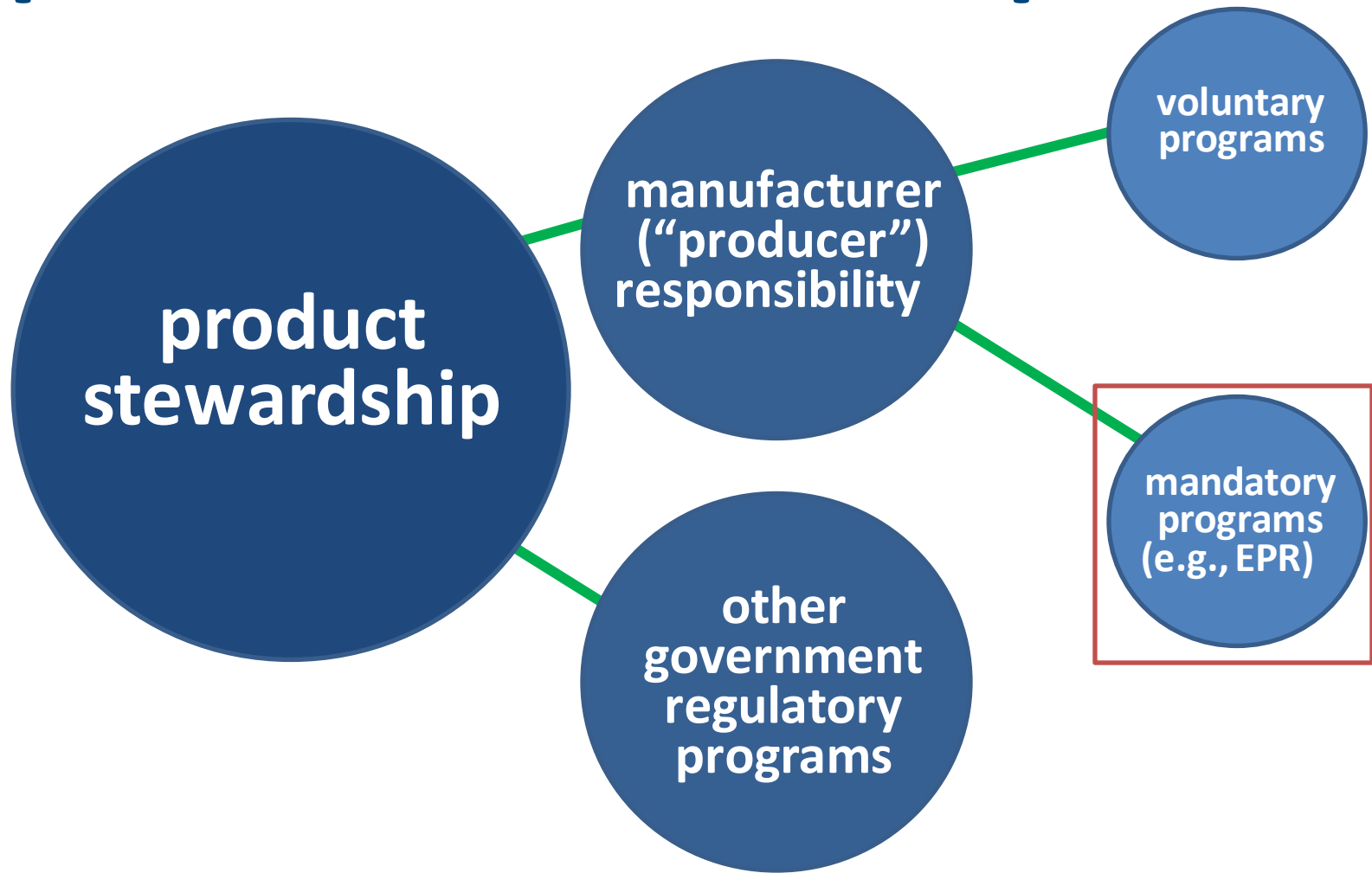
*June 29, 2016*

# who is the product stewardship institute?



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# product stewardship vs. EPR



# a look at state and local EPR laws around the U.S.:

3



4



9



10\*



11



13



15



24



## 94\*\* EPR laws in 33 states

*\*includes 9 local laws and 1 state law*

*\*\*not including 10 container deposit laws*

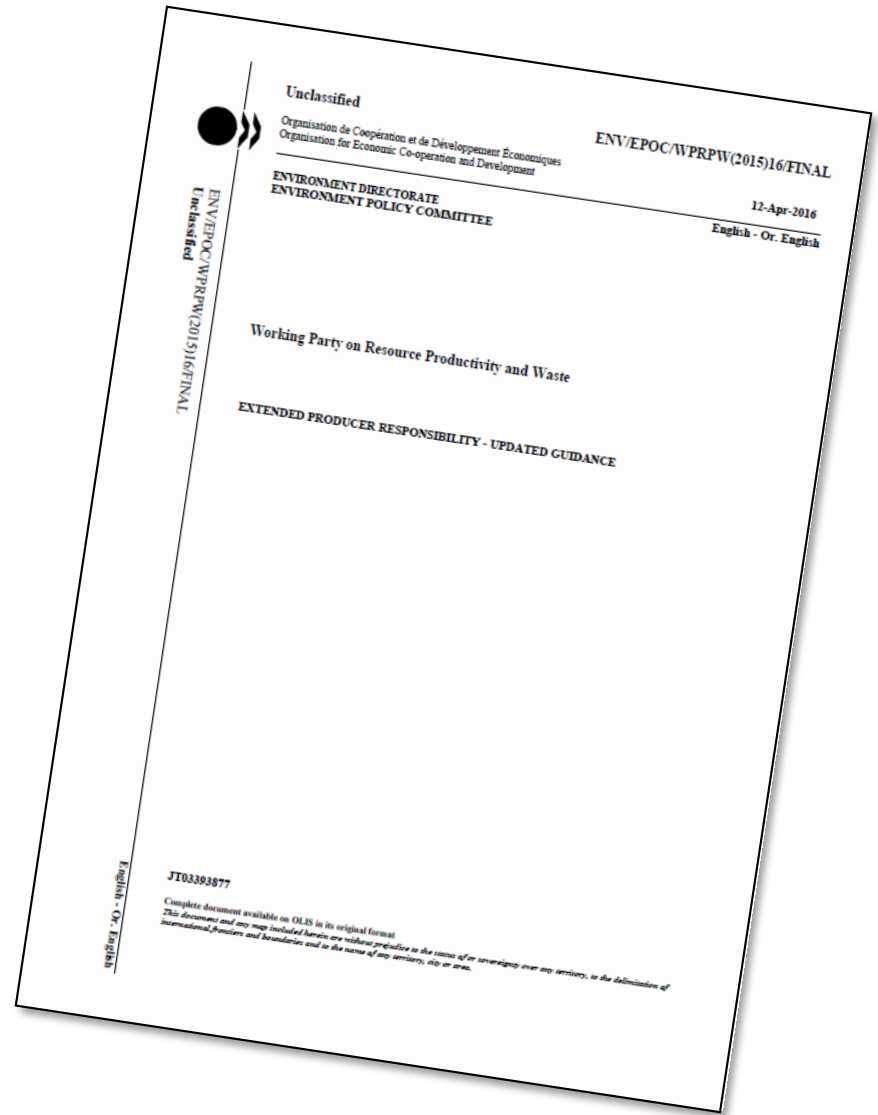


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over 350 EPR programs  
**around the world**



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please welcome today's  
**panelists:**



***peter börkey***

**principal administrator -  
environment directorate**  
*organisation for economic  
cooperation & development (OECD)*



***reid lifset***

**associate director, school of  
environmental management**  
*yale university*



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# today's moderator:



*scott cassel*

**CEO and founder**  
*product stewardship institute*

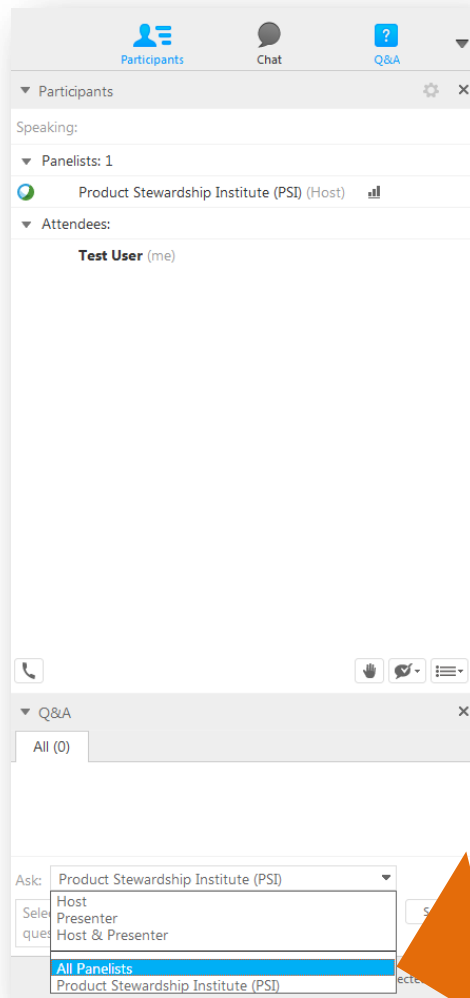
[scott@productstewardship.us](mailto:scott@productstewardship.us)

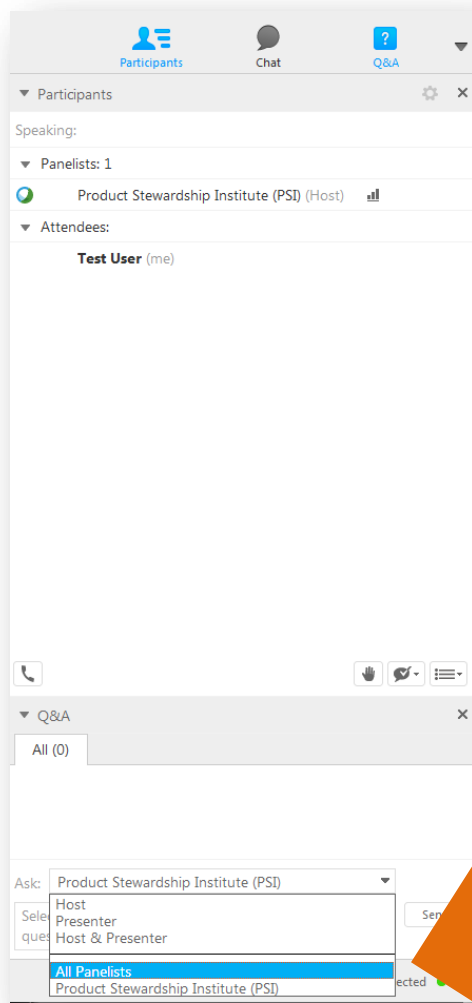


webinar  
**logistics!**



# how to ask technical questions (e.g., “how do I...?”)





how to ask  
**content-related  
questions**  
(e.g., “what does the  
speaker mean by  
x,y,z...?”)

please welcome our  
**first speaker:**



***peter börkey***

**principal administrator -  
environment directorate**  
*organisation for economic  
cooperation & development (OECD)*



# EPR – UPDATED OECD GUIDANCE

Peter Börkey, OECD Environment Directorate

Product Stewardship Institute Webinar,  
29 June 2016





# Outline

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- OECD EPR project
- Definition and trends
- Achievements
- Guidance
  - Governance
  - Competition
  - Design for environment
  - Informal sector





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# OECD EPR Project







# OECD Project on Extended Producer Responsibility

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- Objectives
  - Assist Governments that are considering introducing new or revisiting existing EPRs
  - Update 2001 OECD Guidance Manual on Extended Producer Responsibility
  - Build on parallel EU Commission work on EPRs





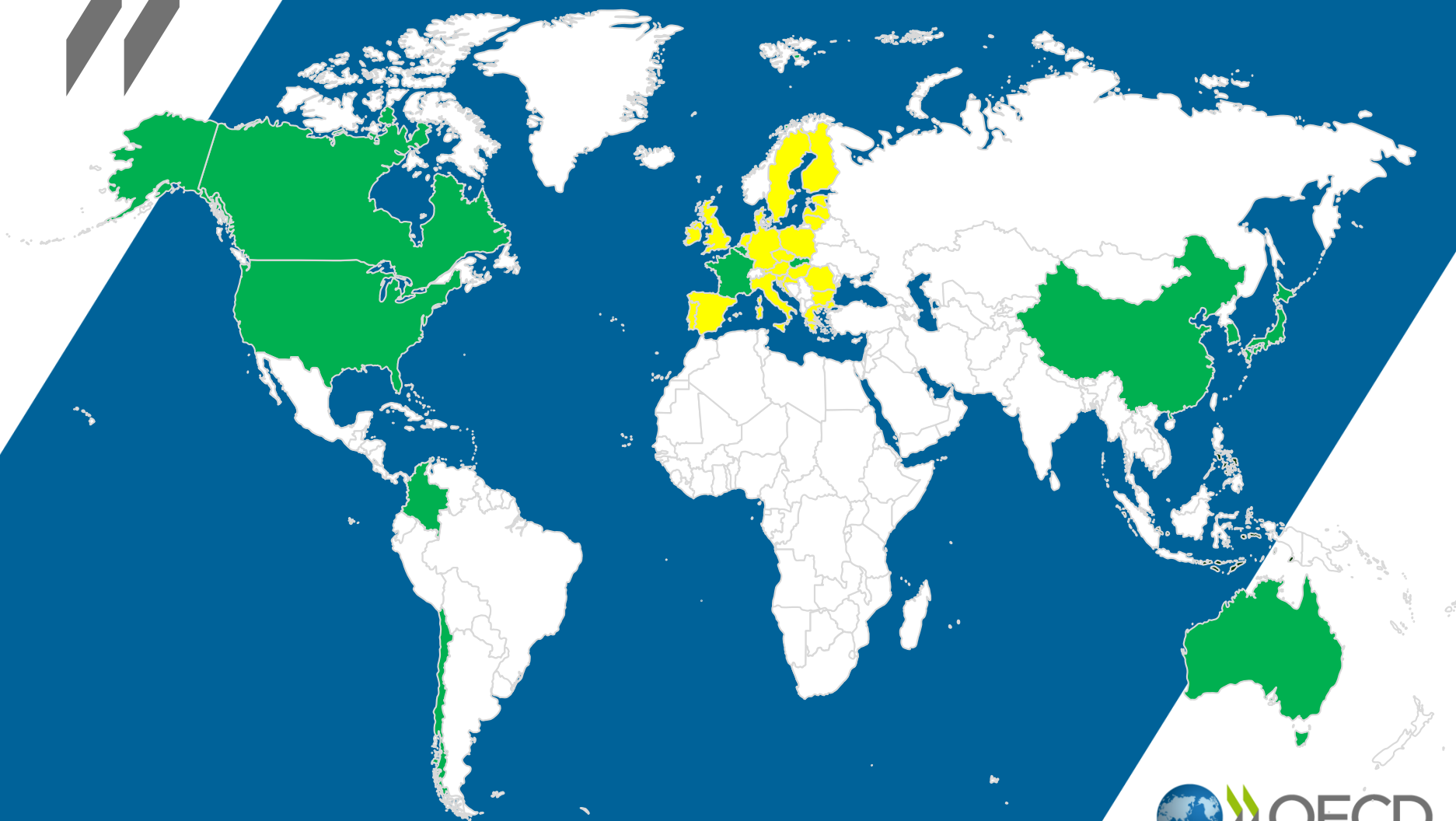
## Description of work

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1. Review of economic literature on EPRs
  2. In-depth case studies of around 40 EPR schemes covering 5 product groups
  3. Policy guidance with a focus on:
    - Governance
    - Competition
    - Design for Environment
    - The informal sector
  4. Policy dialogues in emerging market economies
- The work benefits from financial support from the EU



# 14 country case studies completed





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# Definition and trends





# Extended Producer Responsibility Systems

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- OECD definition:

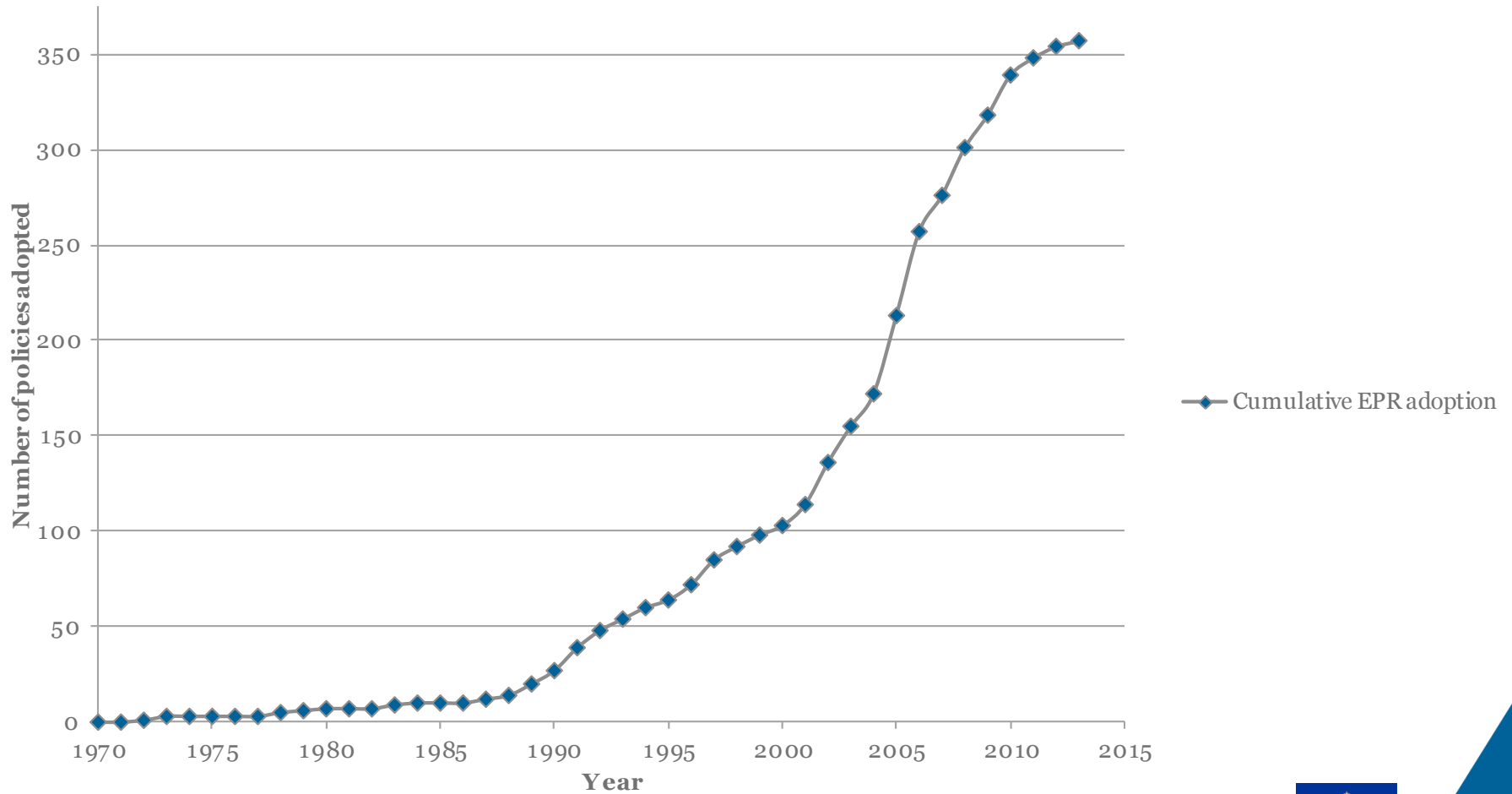
EPR is an environmental policy approach in which a producer's responsibility...for a product is extended to the post-consumer stage of a product's life cycle.





# Extended Producer Responsibility is Expanding

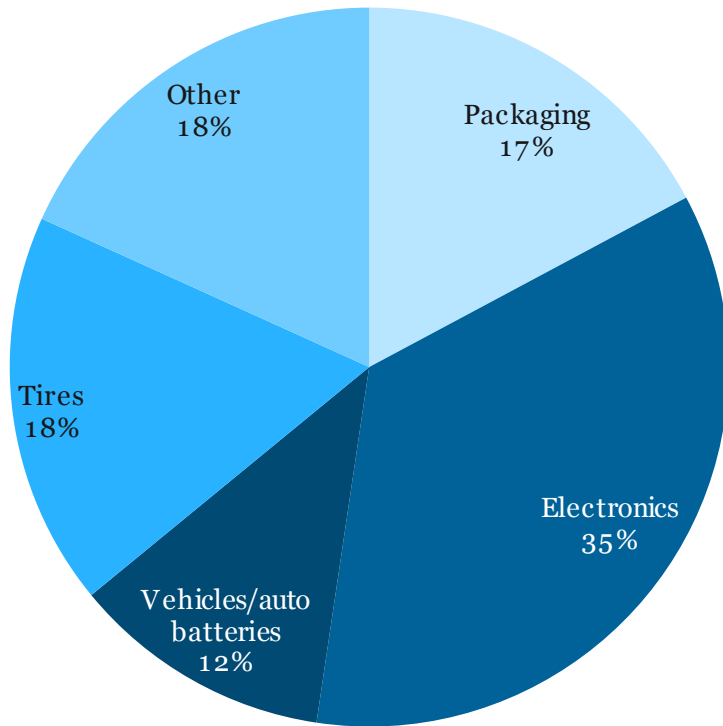
## Cumulative EPR adoption



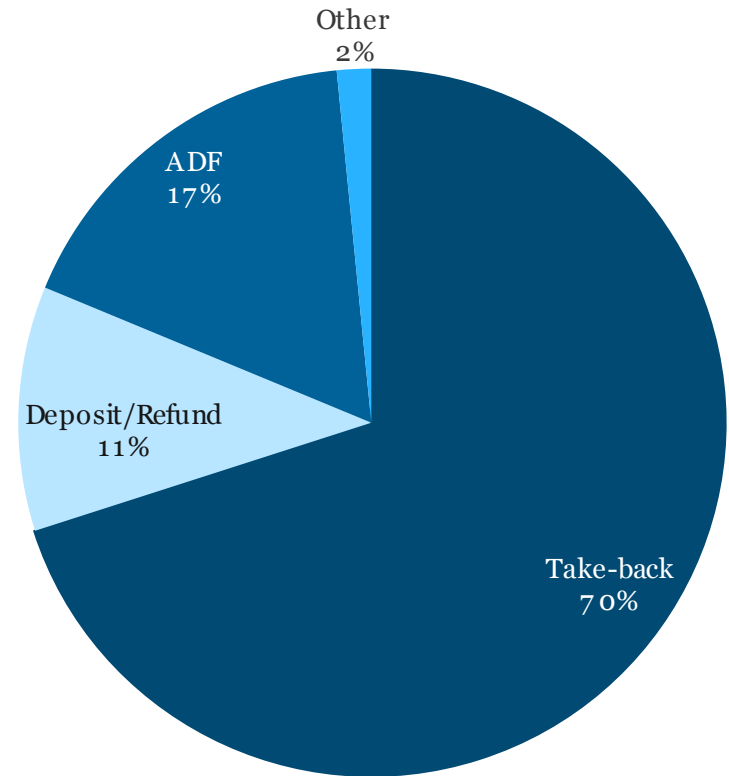


# Extended Producer Responsibility by product type and instrument

## EPR by product type



## EPR by policy





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# Achievements







# Key messages on achievements of EPRs

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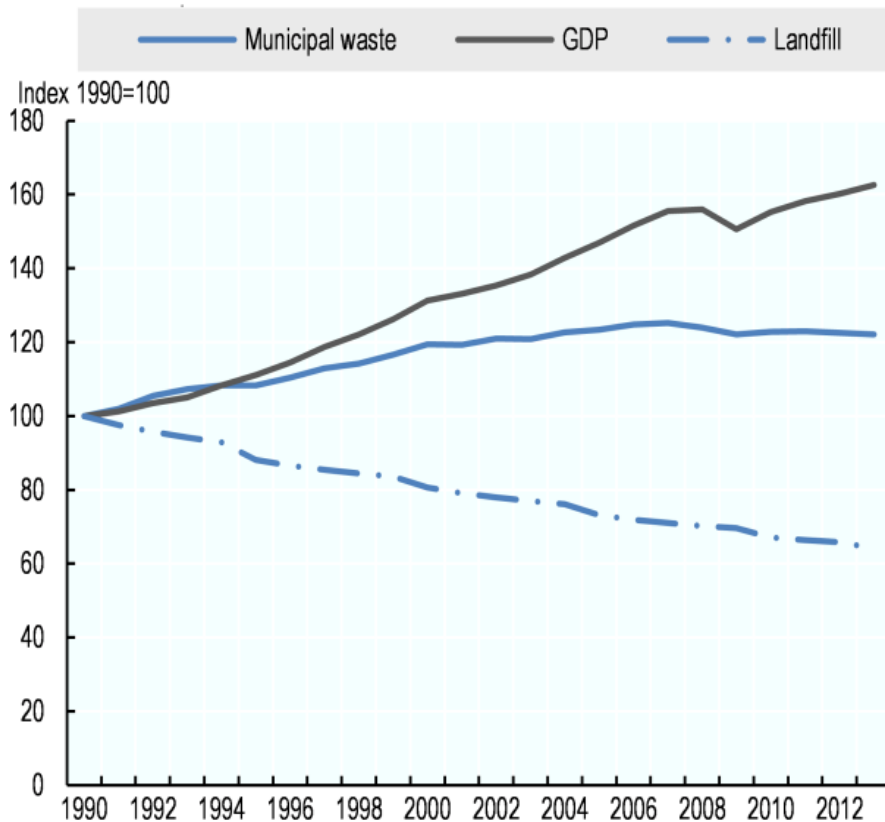
- Reduced disposal and increased recycling
- Reduced burden on public budgets
- Economic opportunities
- Limited impact on DfE



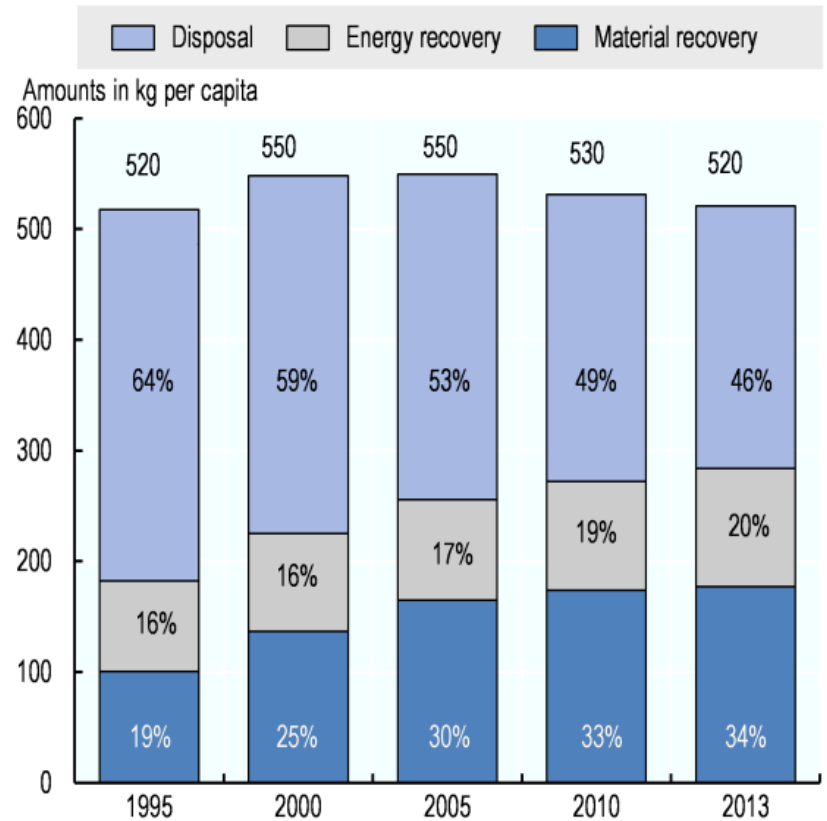


# Trends in MSW management

## Decoupling trends, municipal waste generation versus GDP, 1990-2013

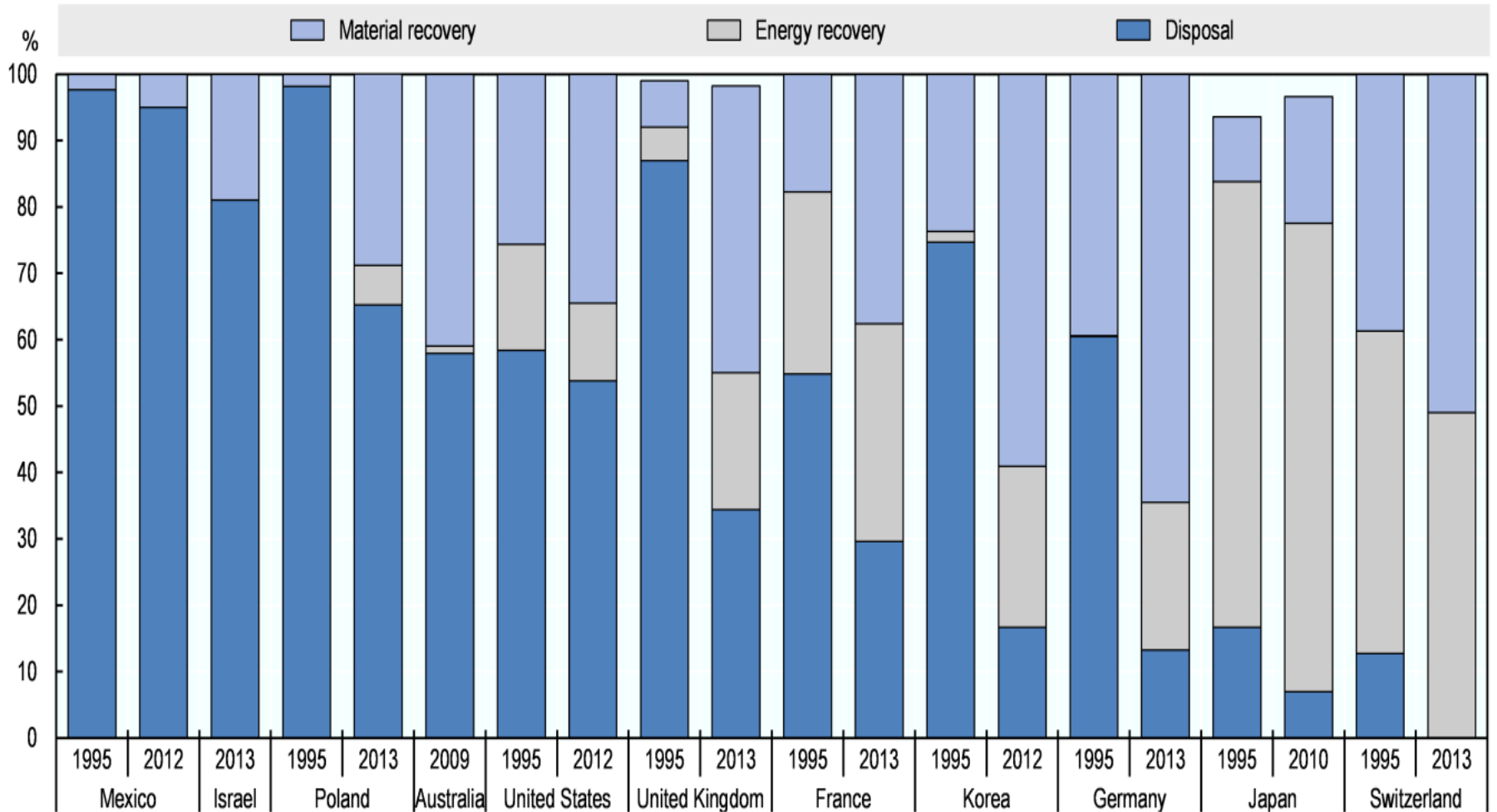


## Municipal waste management, recovery and disposal rates, OECD 1995-2013





# But significant differences in performance





# Performance of EPRs in the EU

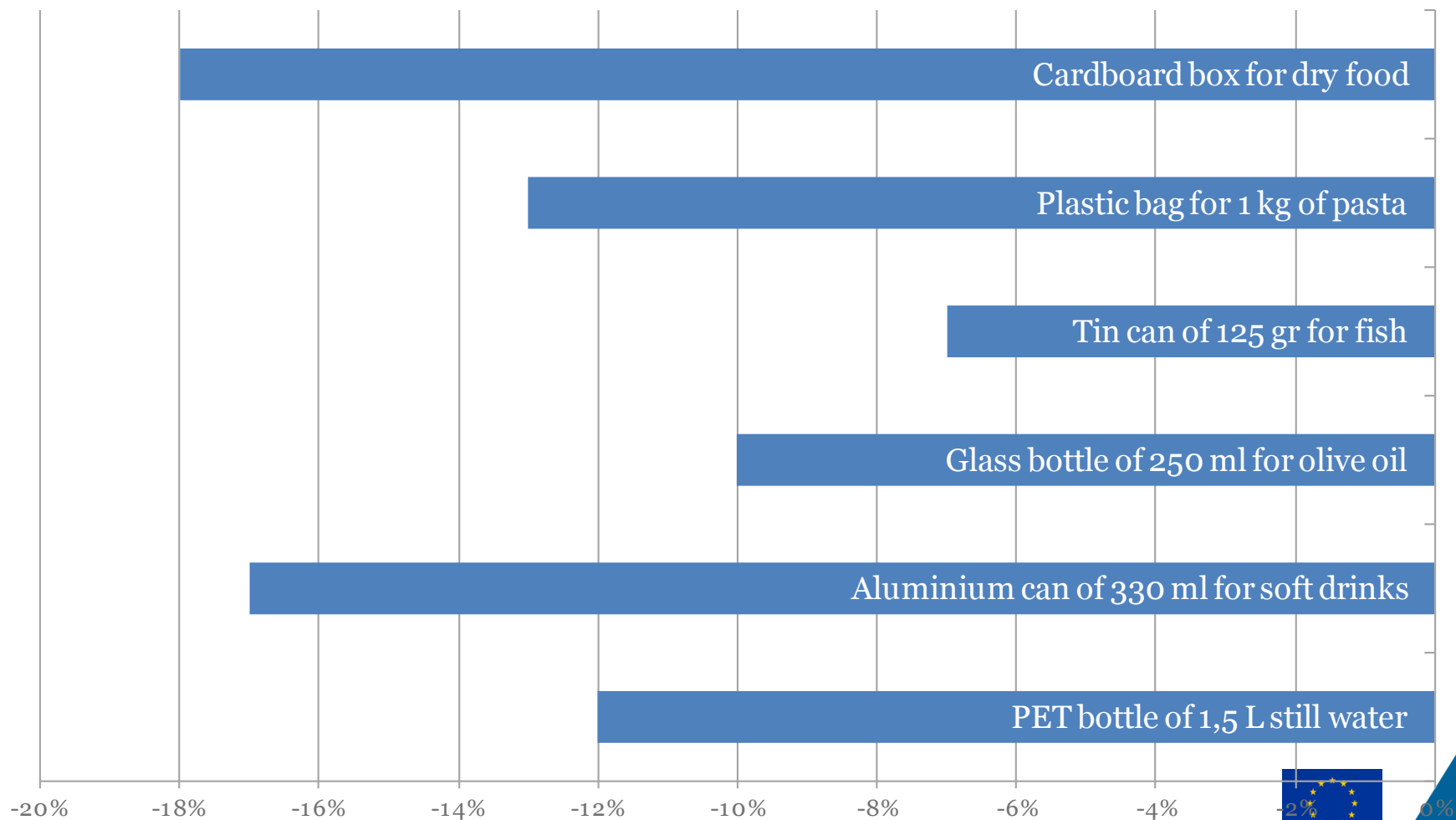
	<b>Collection (C) or recycling and recovery rates (R)</b>	<b>Average producer fees</b>
<b>Batteries</b>	5-72% (C)	240-5400 EUR/t
<b>ELV</b>	64-96% (R)	0-66 EUR/Vehicle
<b>Oil</b>	3-61% (C)	42-231 EUR/t
<b>Packaging</b>	29-84% (R)	20-200 EUR/t (average 92)
<b>WEEE</b>	1.2-17.2 kg/cap (C) (average 6.6)	68-132 EUR/t





# Reduction in food packaging in the EU (2000-2010)

**% change**



Source: PRO Europe





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# Guidance

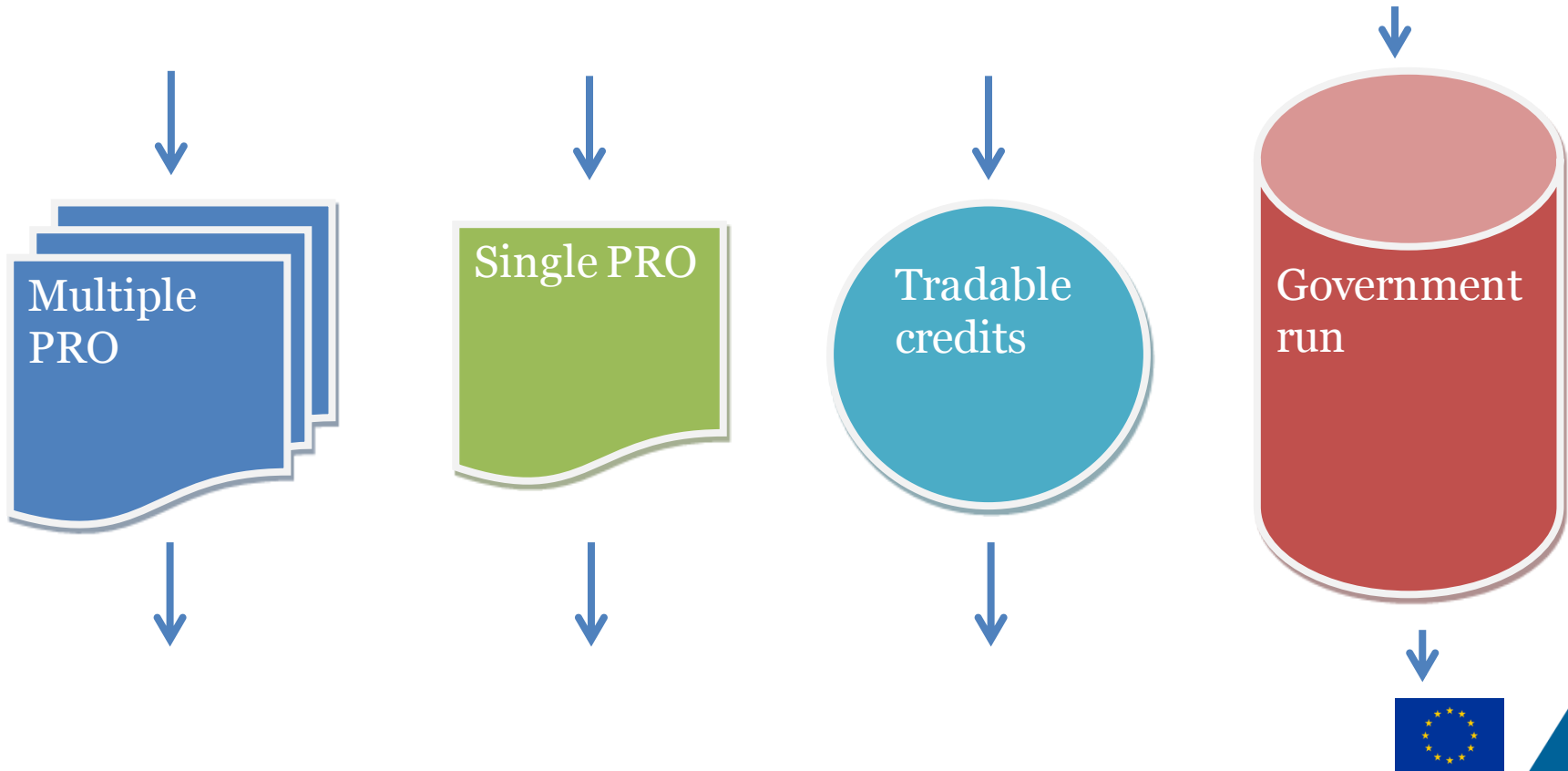




# EPR Governance

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- 4 models with advantages and disadvantages





# EPR Governance

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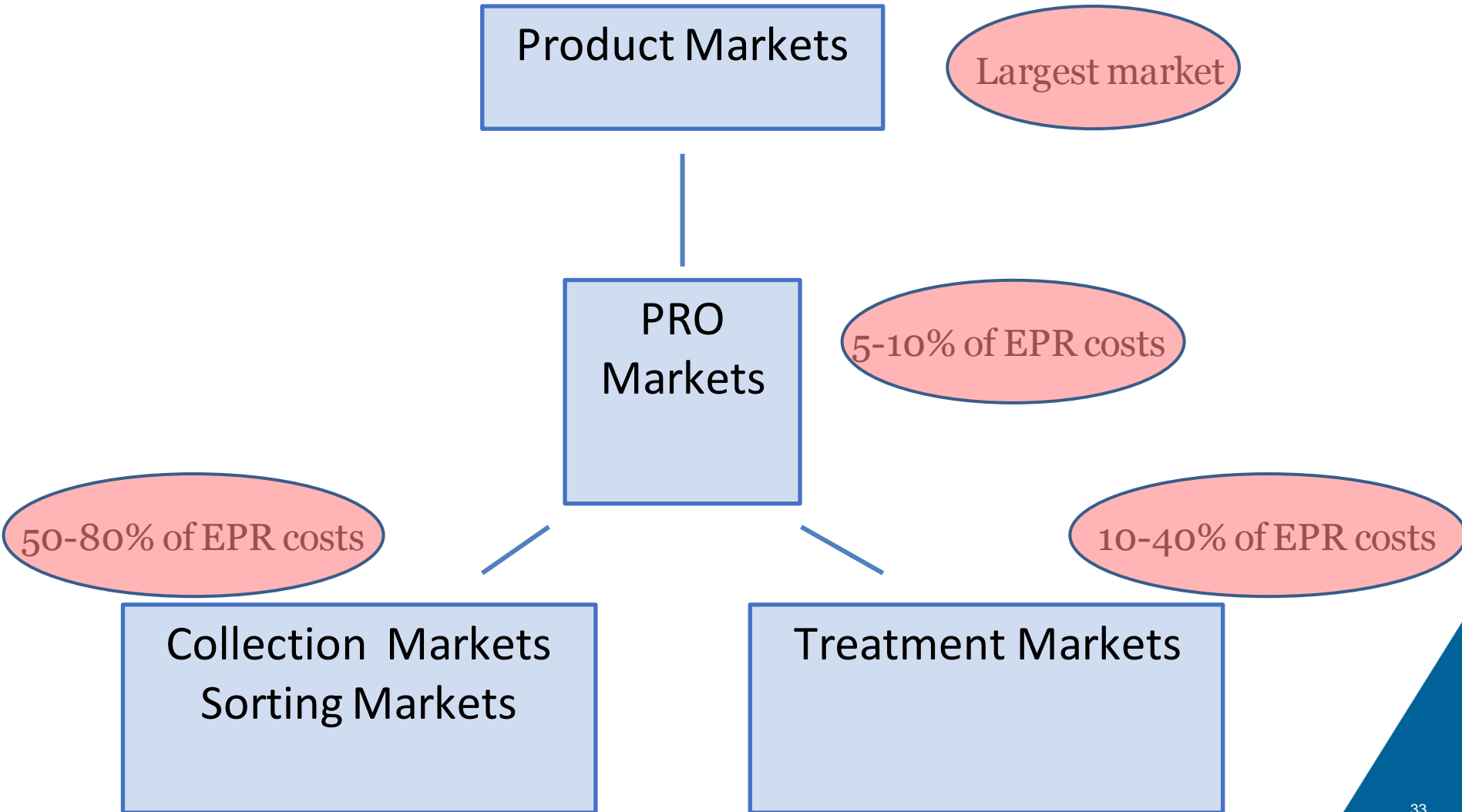
- All models require strong government involvement:
  - To enforce a level playing field
  - To enforce environmental standards and targets
- EPR can not be run by the private sector on its own
- Transparency is paramount for effective government oversight







# Key markets with competition concerns





# EPR and competition

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- Competition impact assessments should be integrated into design of EPR
- PRO should only be established as single operator if net benefits can be demonstrated
- Services that PROs procure should be procured by transparent, non-discriminatory and competitive tenders
  - Relevant factors include contract duration, recovery of sunk costs, and principle of non-exclusivity





## EPR and DfE

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- So far little impact on DfE due to use of CPR rather than IPR
- Variable fee CPRs preferable to fixed-fee CPRs
- Modulation of fees according to design is an option, but administrative costs need to be assessed
- Full cost recovery important to maximise incentive effect





# EPRs and the informal sector

- Emerging economies have a large informal sector that has a potentially important role in EPRs.
- Need to distinguish between types and impacts of informal sector:

Positive impacts	Negative impacts
In collection and sorting, the informal sector can provide positive economic and environmental impacts	Unsound practices need to be eliminated (e.g. informal processing)
Some evidence that informal systems collect more material than formal	

- Failure to include the informal sector into EPR can undermine them
- Need to register waste pickers and work towards formalisation and professionalisation
- Informal sector should be actively engaged in discussion for establishment of EPRs





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# THANK YOU!

For further information, please contact Peter Börkey,  
[peter.borkey@oecd.org](mailto:peter.borkey@oecd.org) or go to [www.oecd.org/environment/waste](http://www.oecd.org/environment/waste)



# thank you!



***peter börkey***

**principal administrator -  
environment directorate**  
*organisation for economic  
cooperation & development (OECD)*



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please welcome our  
**second speaker:**



*reid lifset*

associate director, school of  
environmental management  
*yale university*

# EPR Governance

## Insights from the OECD Report

Reid Lifset

Yale University

Improving EPR Programs Worldwide: the New OECD EPR Guidelines

Product Stewardship Institute Webinar

June 29, 2016



**What is the Role of Government in EPR Governance?**

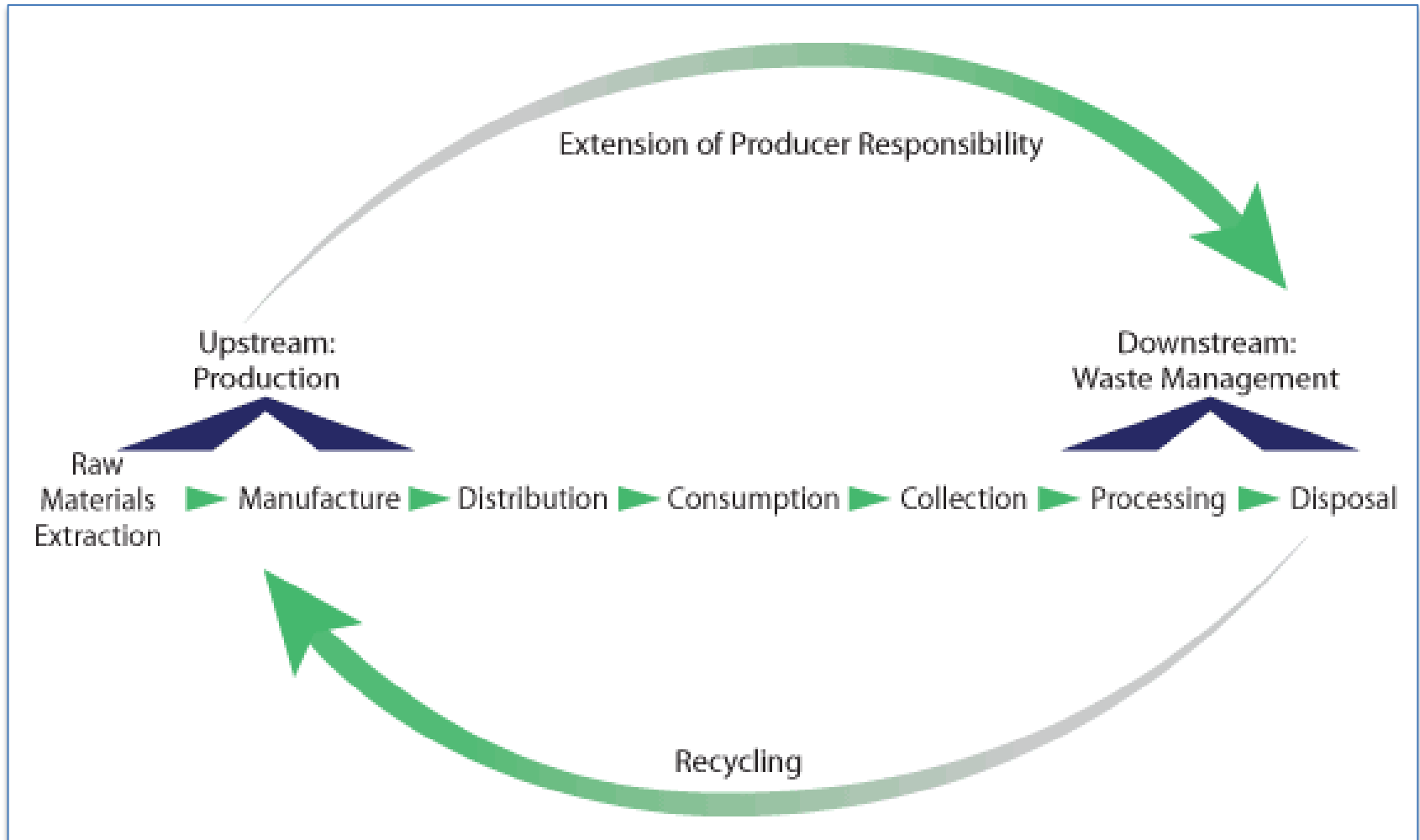
**What are the Typical Approaches to EPR Governance?**

**What Do We Know about Best Practice?**

# Outline of Report

- Why is government involved in EPR?
- Governance structures
- Governance functions
- Allocation of functions
- Resources for governments
- Patterns in EPR governance

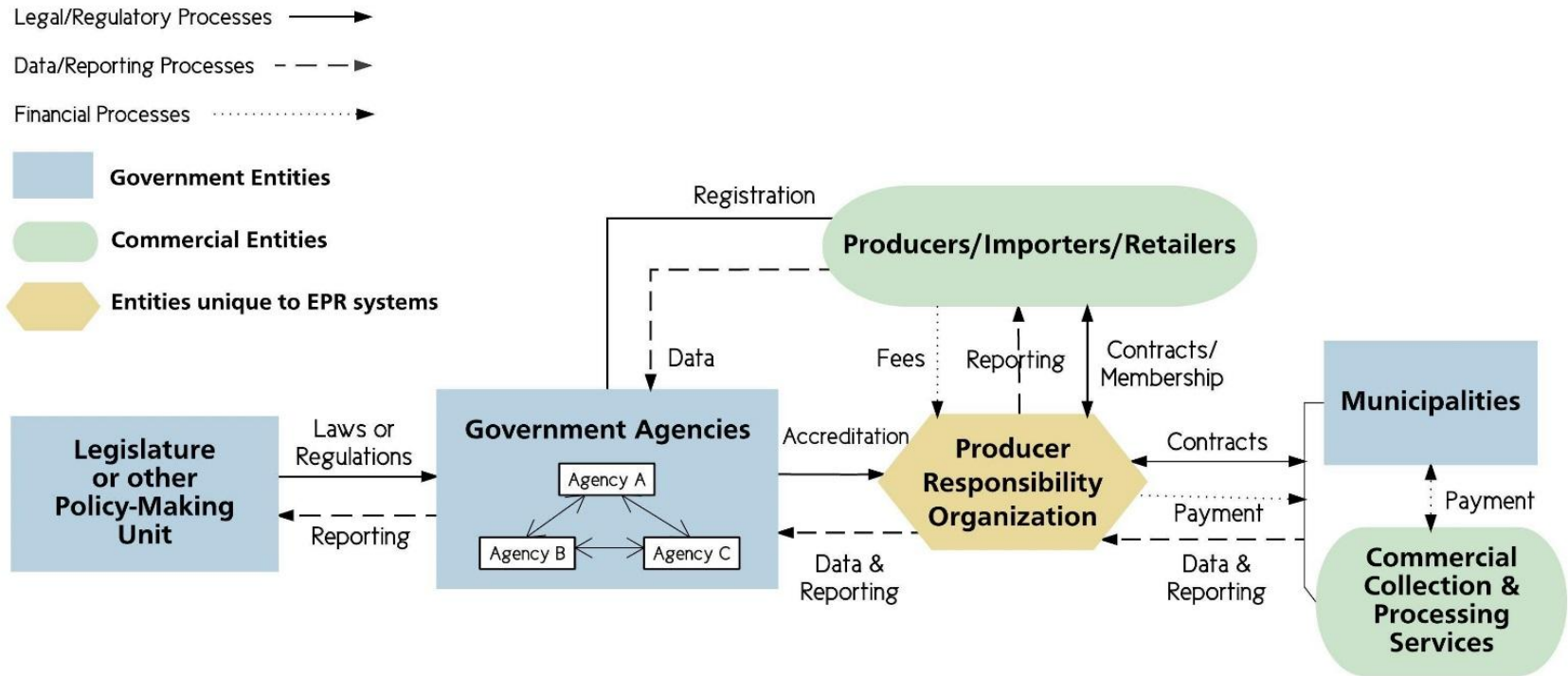
# Is this privatization? Not exactly...



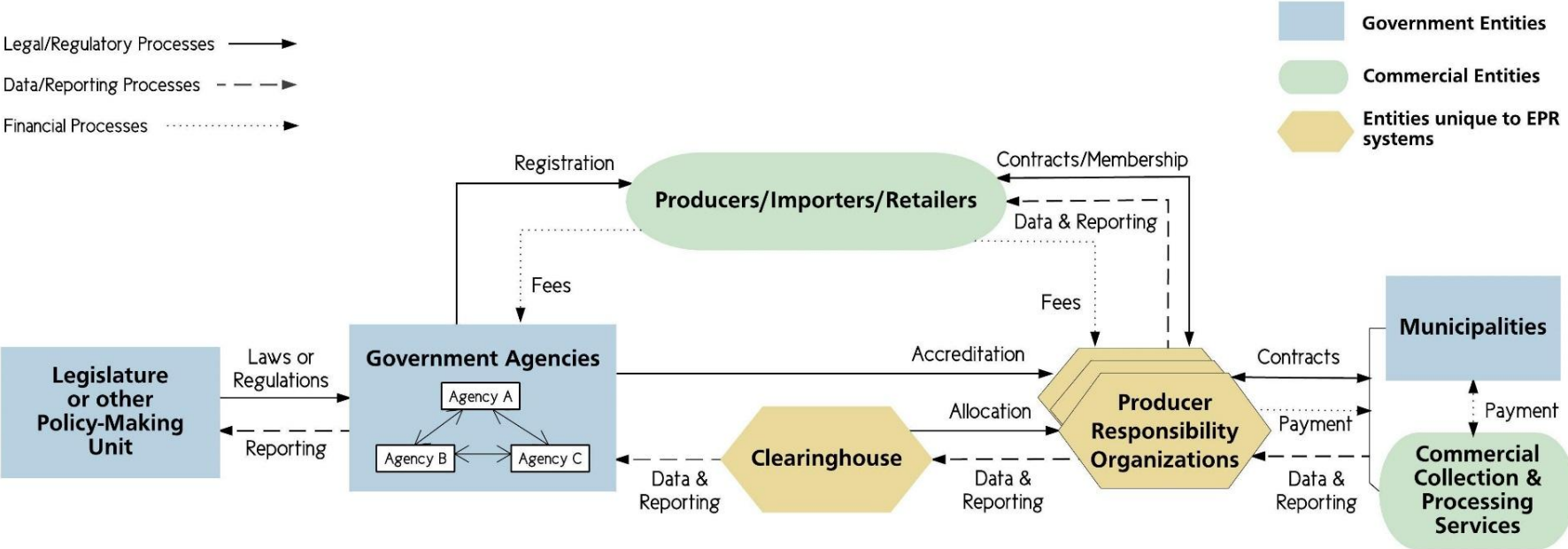
[www.cleaner.production.org/Producer.Introduction.php](http://www.cleaner.production.org/Producer.Introduction.php)

# GOVERNANCE STRUCTURES IN EPR

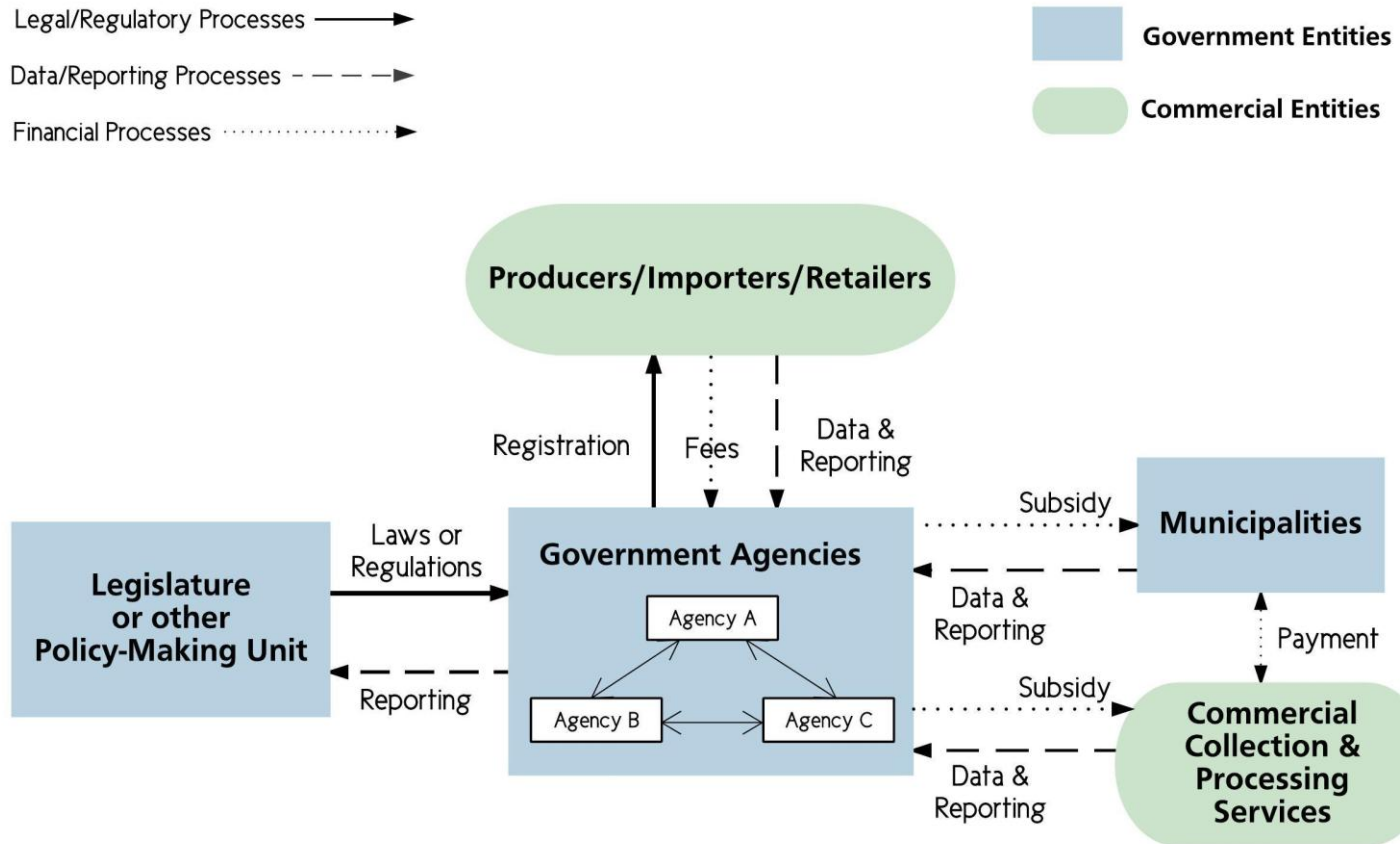
# Single PRO



# Multiple PROs



# Gov't Run/No PRO



# For-Profits in EPR

- For-profit PROs often owned by waste or logistics firms
- Data often unavailable or incommensurate
- Debate over for-profit PROs tied to debate over competition

EU/Bio-Deloitte: “...conditions needed to ensure fair competition are more important than the legal status of the PROs.”



# **GOVERNANCE FUNCTIONS IN EPR**

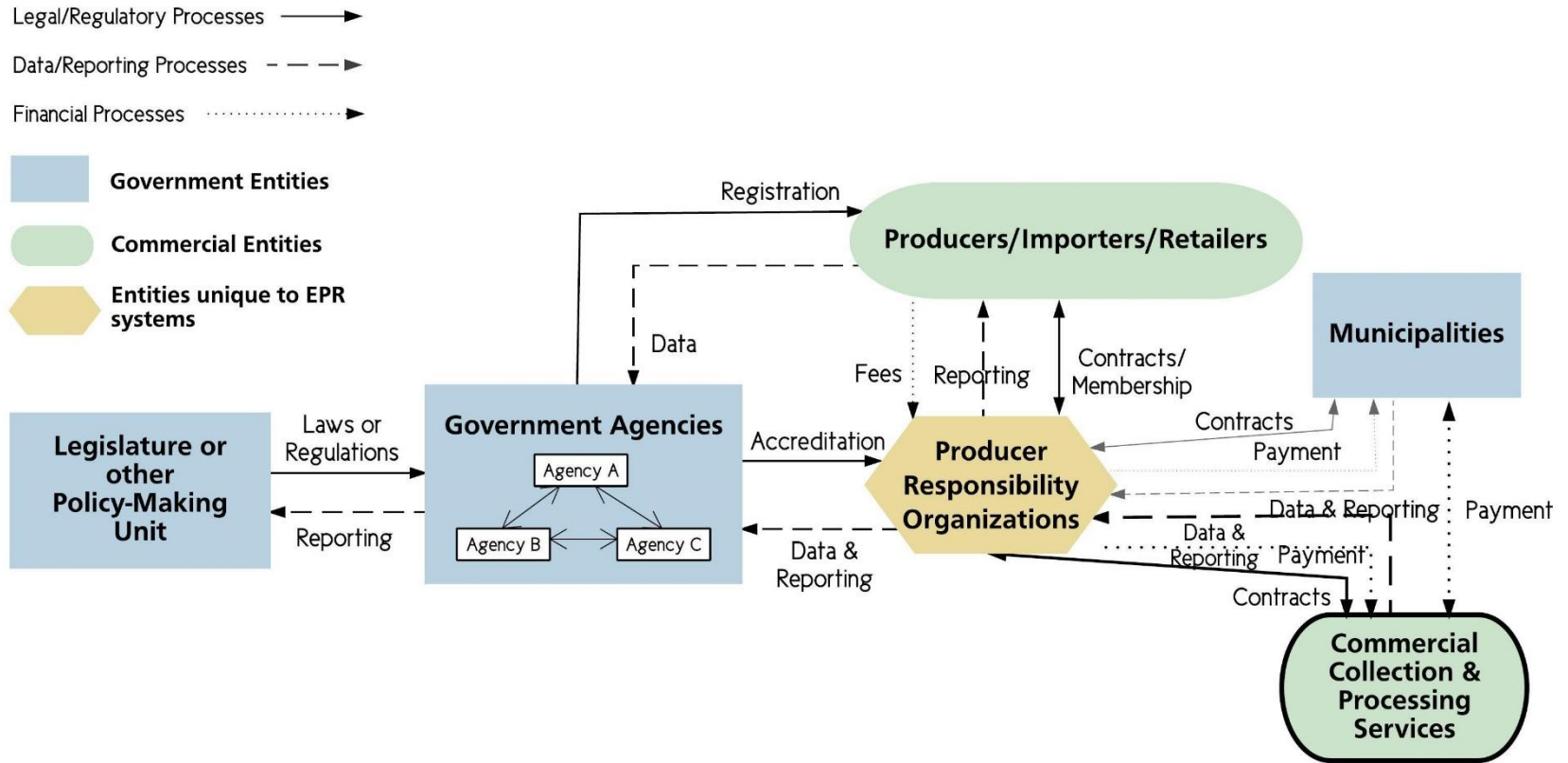
# Governance Functions

<b>Governance Function</b>
Policy formulation and evaluation
Operations
Stakeholder consultation
Registration (of producers)
Accreditation (of PROs)
Collection & disbursement of producer fees
Coordination
Monitoring
Enforcement

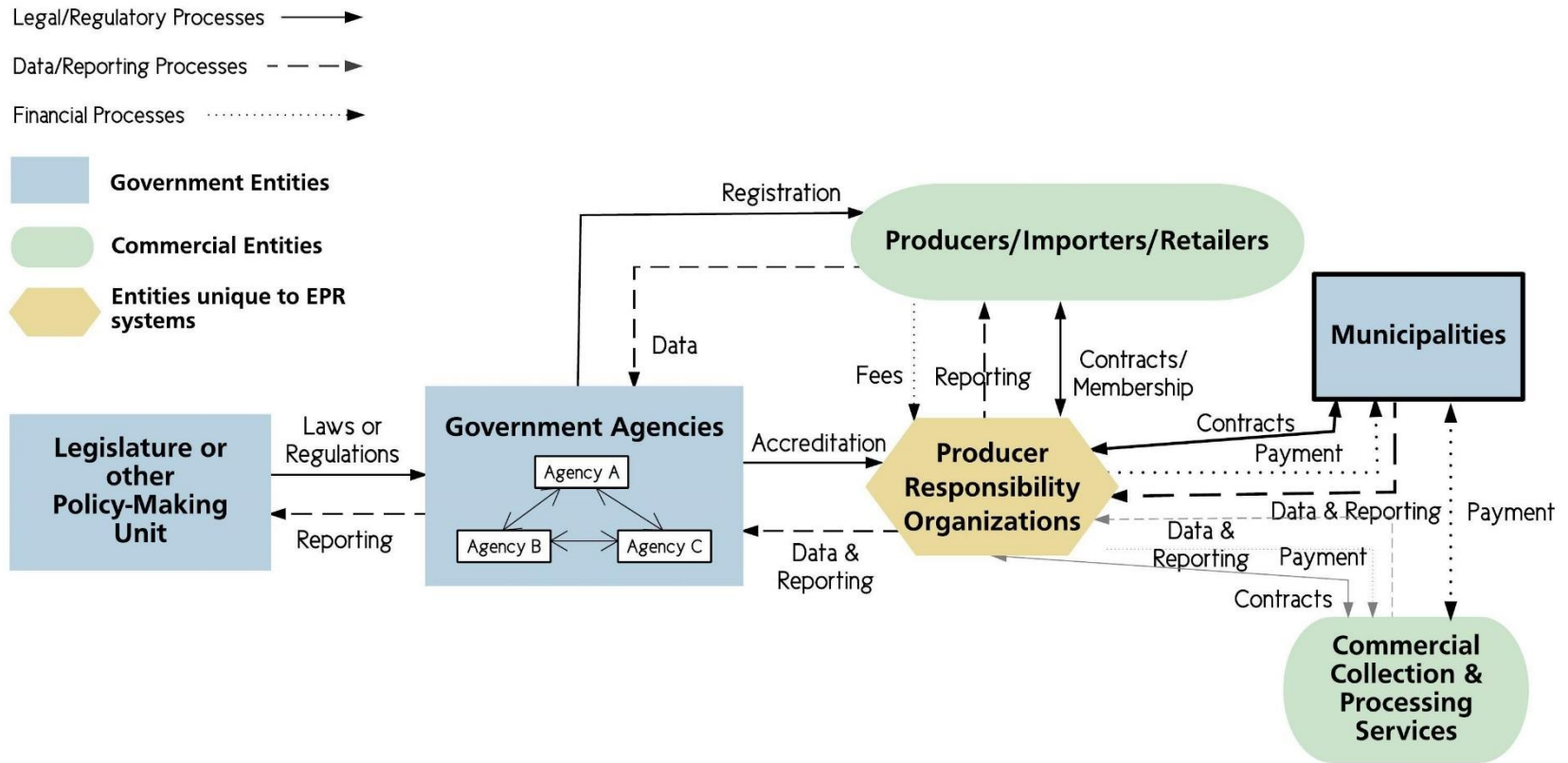
# Controversies in EPR Governance

- Role of municipalities
- Single vs. multiple PROs
- For-profit vs. non-profit PROs

# Dual Responsibility



# Shared Responsibility



# **FINDINGS AND RECOMMENDATIONS**

# Elements of good governance crucial and lacking

- Systematic monitoring
- Data collection
- Transparency
- Enforcement
- Adequate resources for oversight

# Increasing Understanding of EPR Governance

- Impact of governance structures difficult to establish
- Strategies
  - Collect basic cross-system information
  - Exploit country-level studies
  - Conduct comparative case studies



# Conclusions and Recommendations

- *EPR is only partial privatization*
- *Data are lacking and incommensurate*
- *A few basic approaches with many variants*
- *Best practice inconclusive*
- *Greater transparency is needed*
- *Conduct comparative analysis*

# Comments and Questions, Please!

# thank you!



*reid lifset*

**associate director, school of  
environmental management**  
*yale university*



# questions?



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# thank you!



***peter börkey***

**principal administrator -  
environment directorate**  
*organisation for economic  
cooperation & development (OECD)*



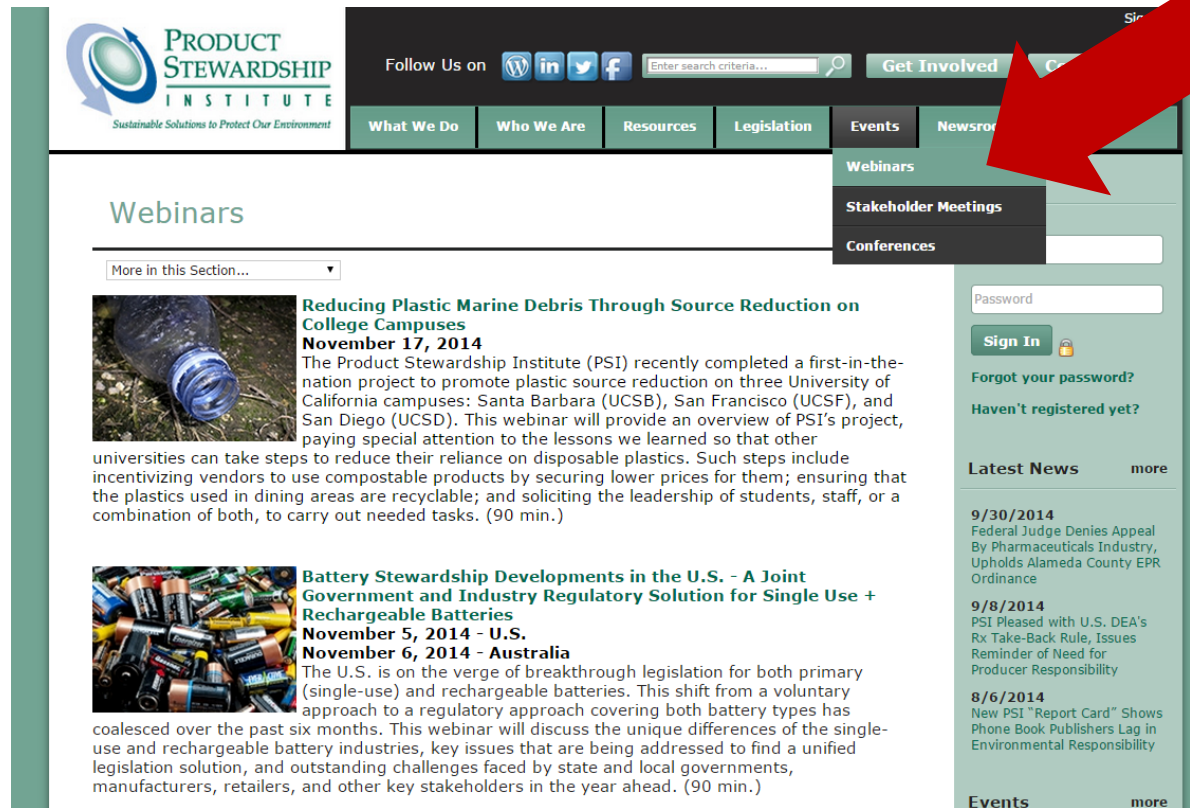
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*yale university*



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# to access recordings of past webinars:



The screenshot shows the Product Stewardship Institute website. The navigation bar includes 'What We Do', 'Who We Are', 'Resources', 'Legislation', 'Events', and 'Newsroom'. A dropdown menu is open under 'Events', with 'Webinars' highlighted. A red arrow points to this 'Webinars' option. Below the navigation, the 'Webinars' section is displayed, featuring two webinar listings with images and text descriptions. The first listing is 'Reducing Plastic Marine Debris Through Source Reduction on College Campuses' from November 17, 2014. The second listing is 'Battery Stewardship Developments in the U.S. - A Joint Government and Industry Regulatory Solution for Single Use + Rechargeable Batteries' from November 5, 2014 (U.S.) and November 6, 2014 (Australia). On the right side of the page, there is a 'Sign In' button and a 'Latest News' section with several news items dated from 2014.

your opinion  
**matters.**



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thank  
**you!**

**scott cassel**

ceo + founder

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**[www.productstewardship.us](http://www.productstewardship.us)**

