



An Chomhairle Náisiúnta Eacnamaíoch agus Shóisialta
National Economic & Social Council

Environmental Data as a Driver of Innovation

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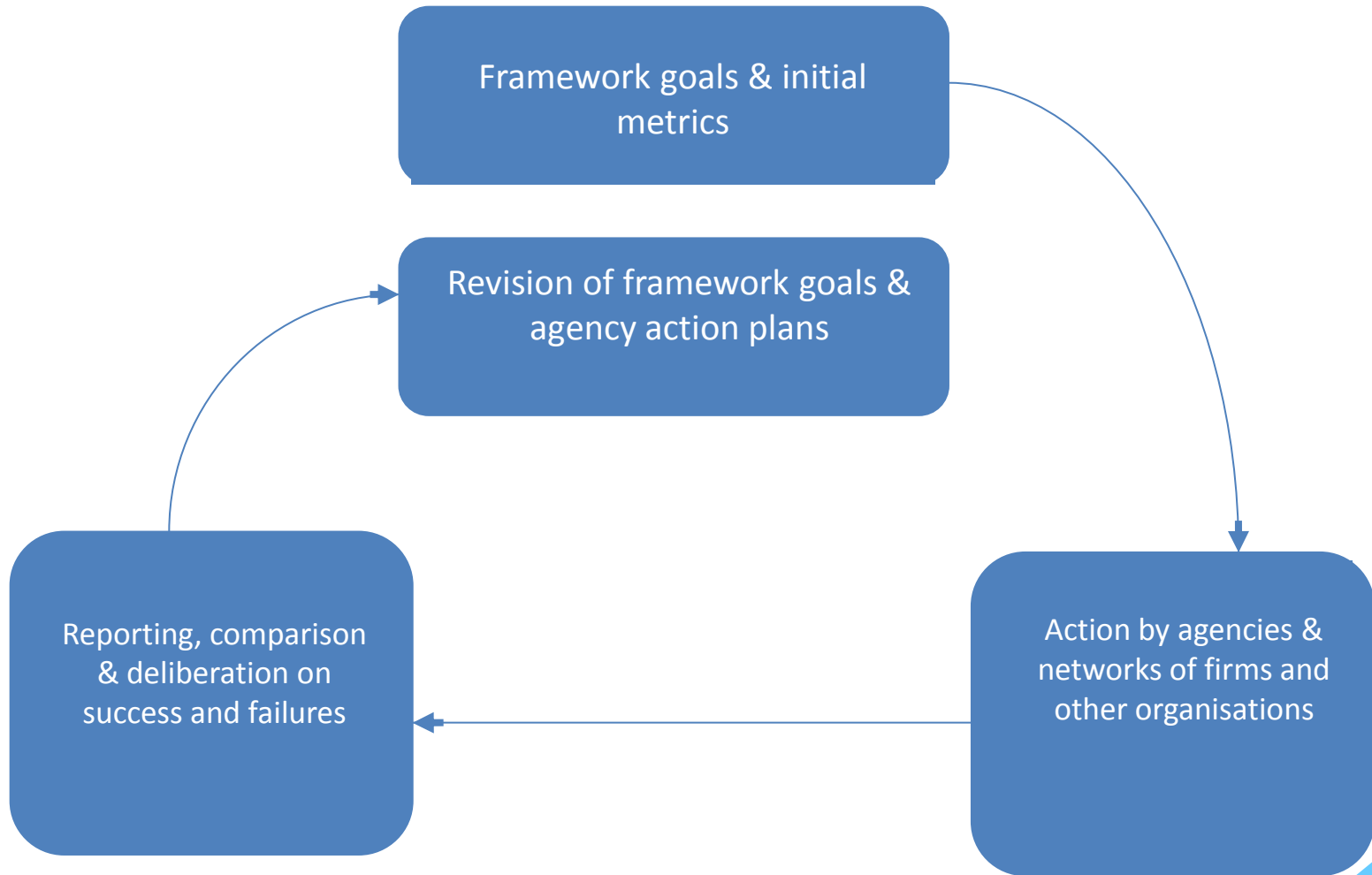
NESC project on environmental data?

- Since 2012, role as environmental advisory council
- Our first project was on climate change:
 - shaped our ideas & perspective on policy and data, particularly the role of data gathering & use in innovation & learning
- Wider focus is **integration** with economic & social policy:
 - Not only in high-level decision making,
 - But also at administrative & ground-level
- ***Ireland's Environmental Data: Inventory, Assessment and Next Steps NESC, 2014:***
 - made clear & interesting recommendations
- NESC posed questions for wider discussion

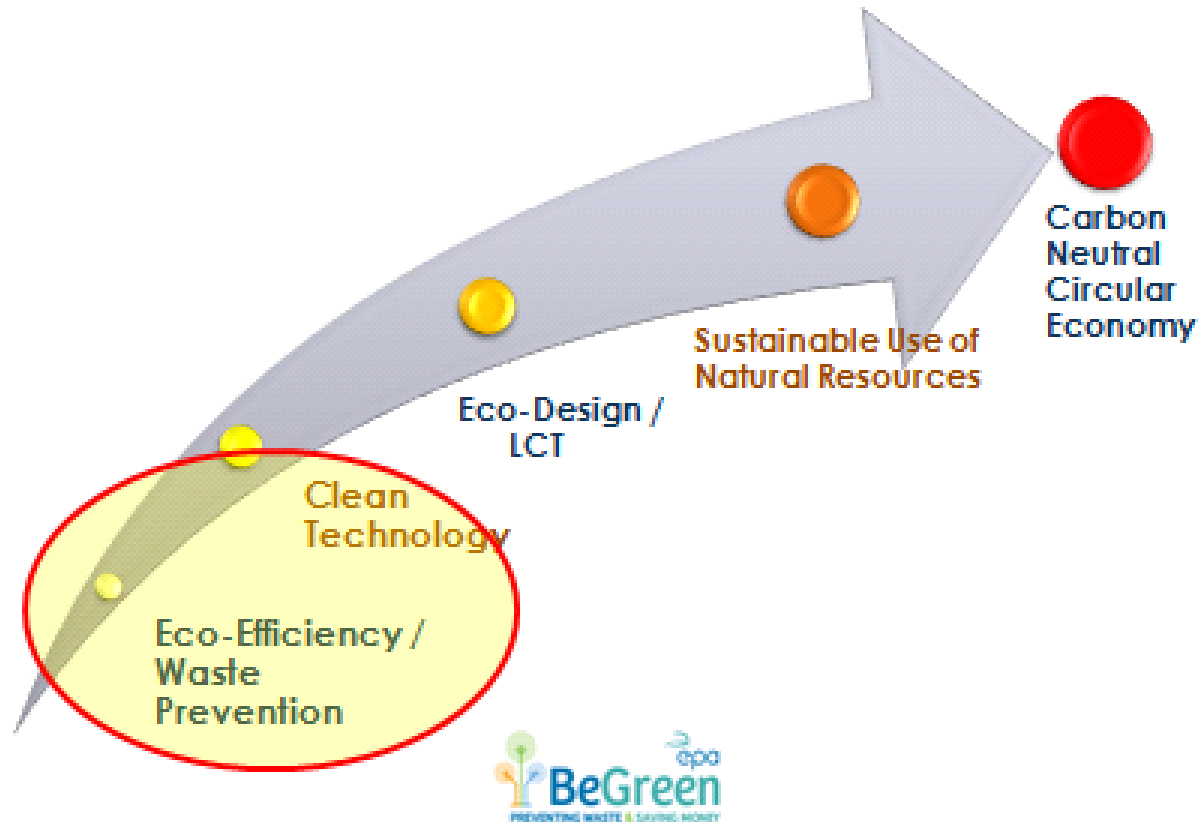
The Climate *Policy* Problem - Three Ideas

- 1. Climate change policy is a loop not a line:**
in which 'how much' is related to understanding of 'how to'
- 2. Balance emphasis on 'how much' with more focus on 'how to' decarbonise**
- 3. The transition must engage actors at all levels in all sectors, in a governance system that animates, learns from & pushes networks of agencies, firms & others**

Framework goals & learning from agency-based networks



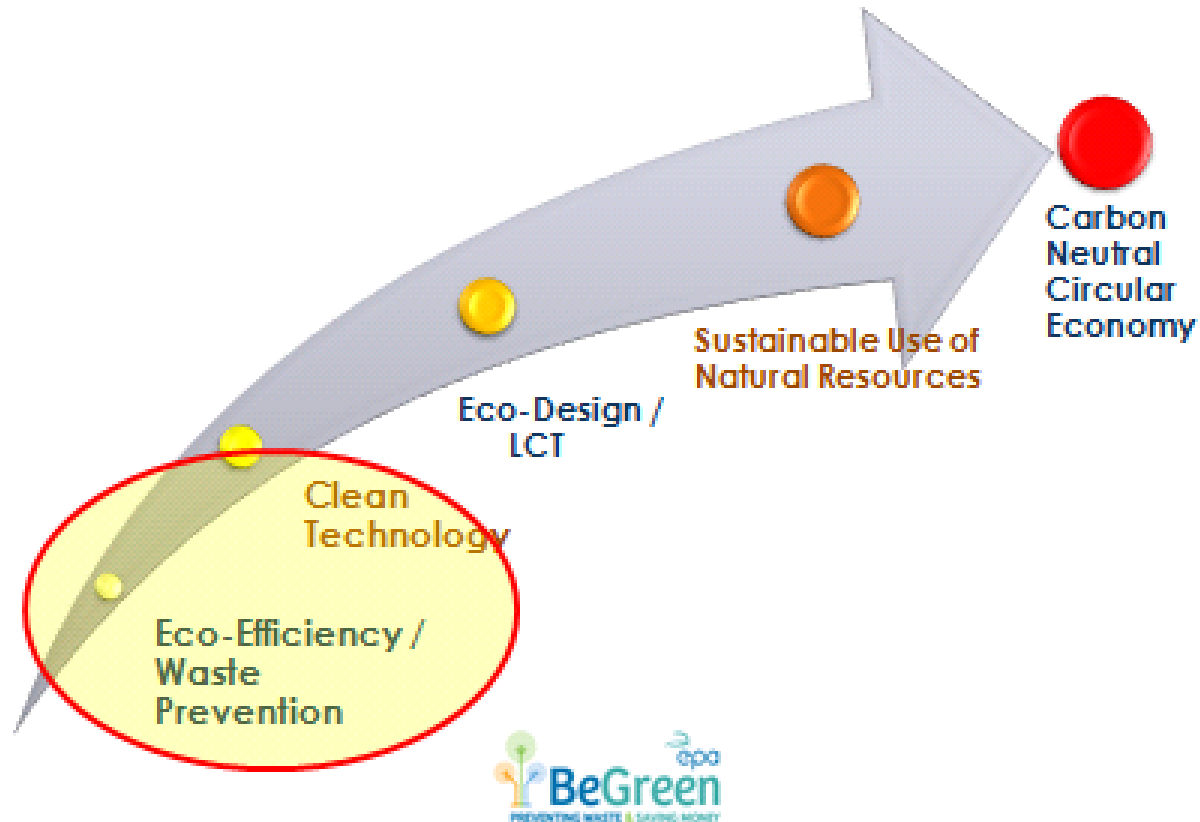
Challenges -Moving the Agenda



Source: EPA

Challenges -Moving the Agenda

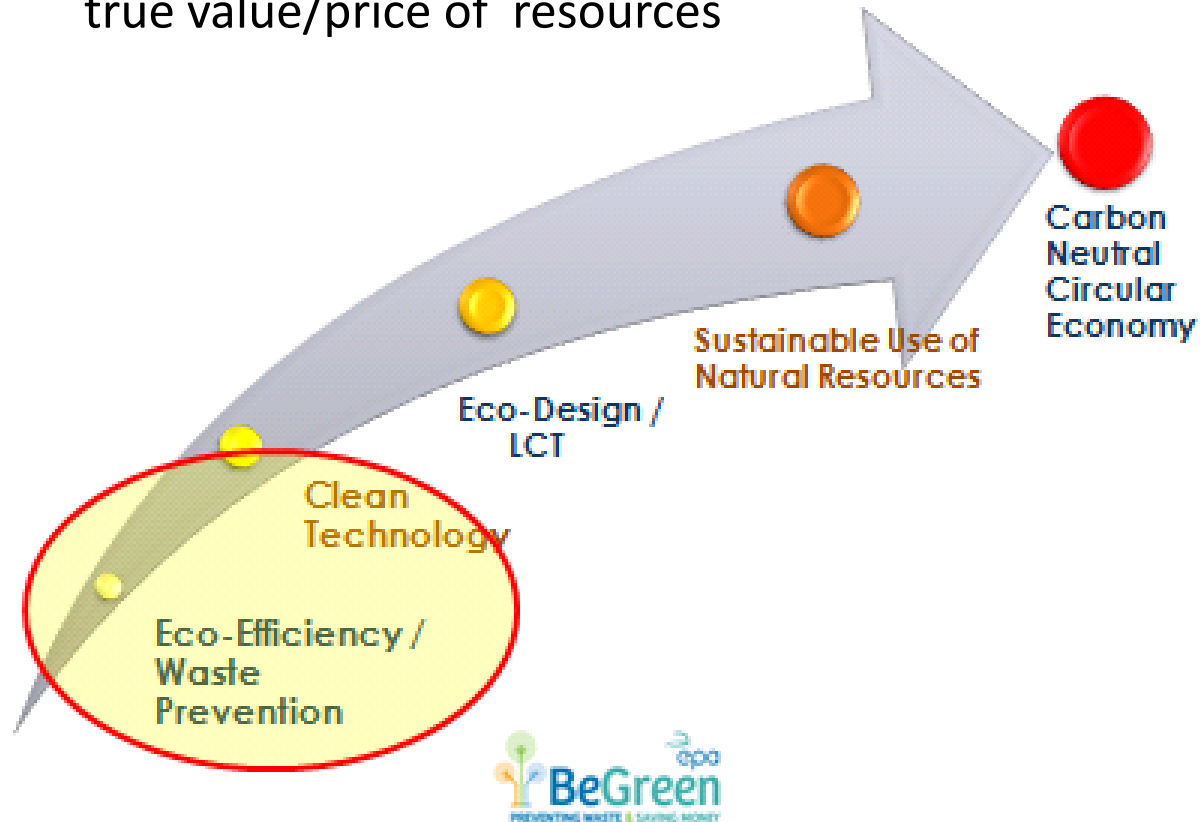
Measurement of natural capital:



Source: EPA & NESCC

Challenges -Moving the Agenda

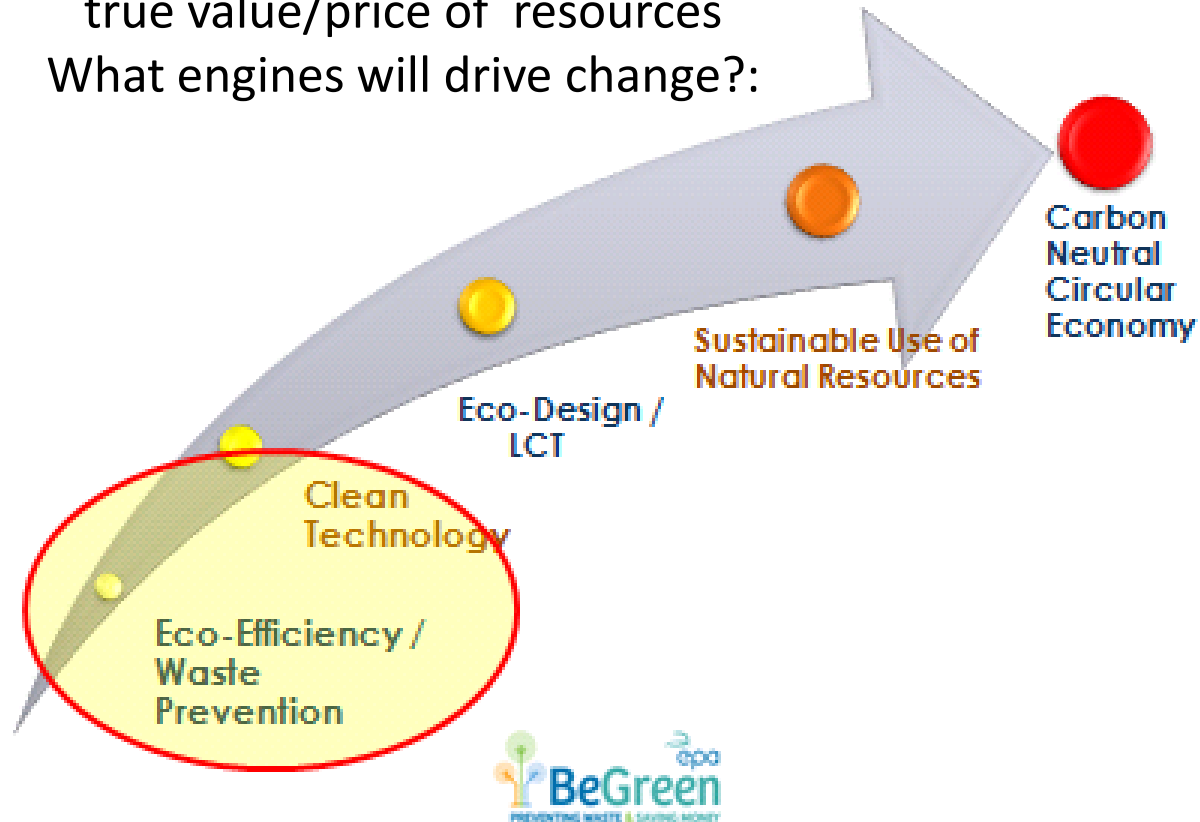
Measurement of natural capital:
true value/price of resources



Source: EPA & NESG

Challenges -Moving the Agenda

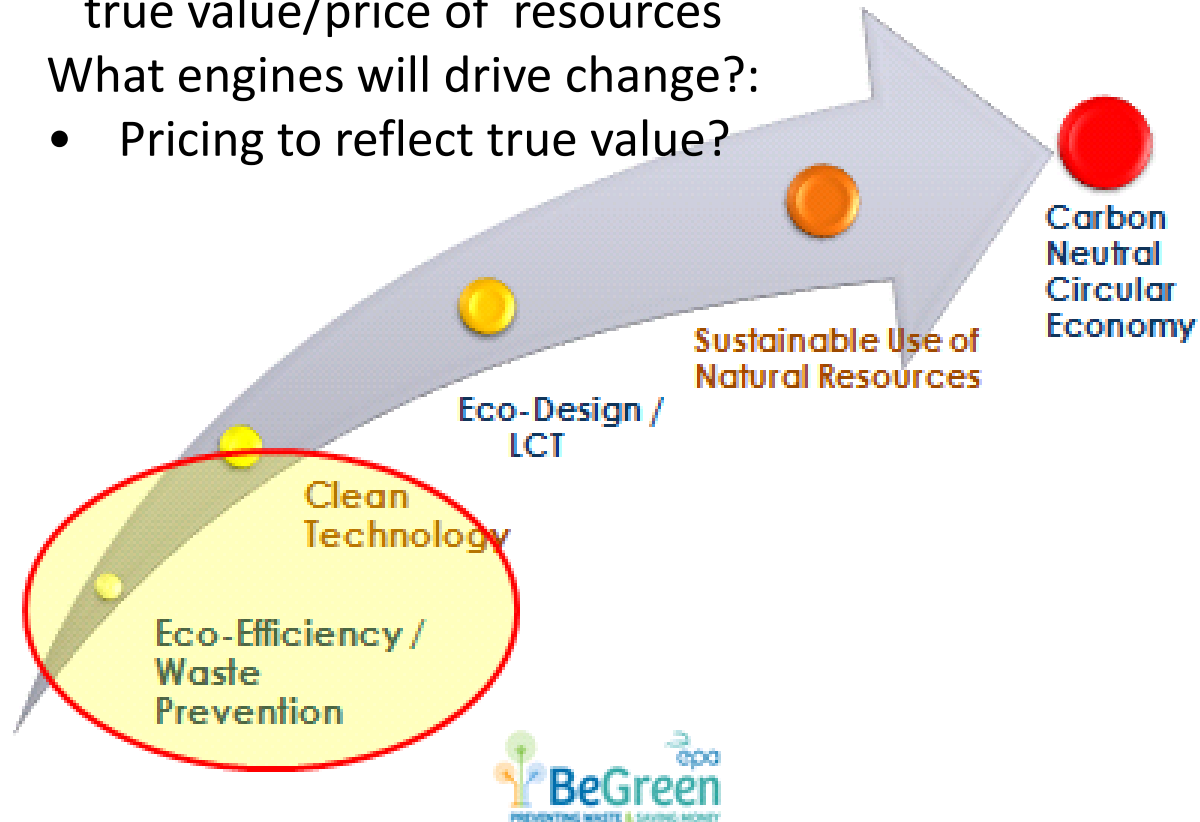
Measurement of natural capital:
true value/price of resources
What engines will drive change?:



Source: EPA & NESCE

Challenges -Moving the Agenda

- Measurement of natural capital:
true value/price of resources
- What engines will drive change?:
- Pricing to reflect true value?



Source: EPA & NESCC

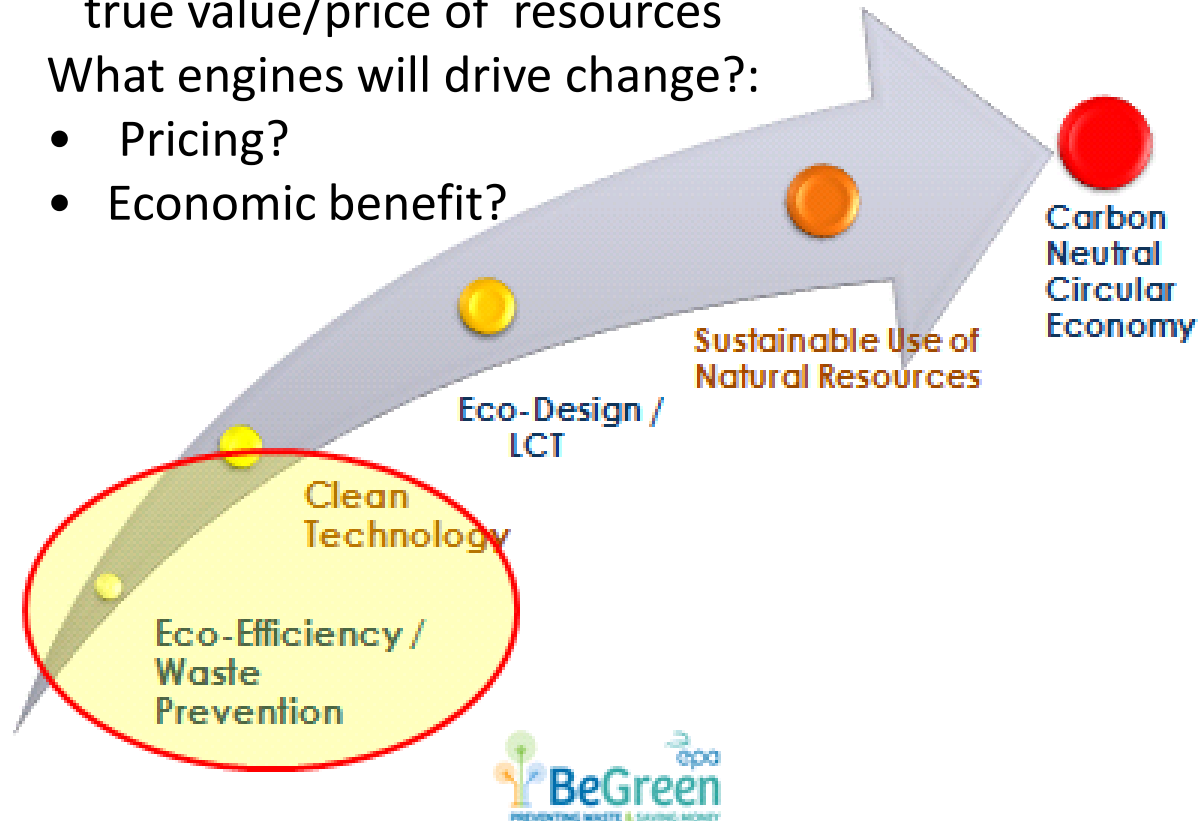
Challenges -Moving the Agenda

Measurement of natural capital:

true value/price of resources

What engines will drive change?:

- Pricing?
- Economic benefit?



Source: EPA & NESCC

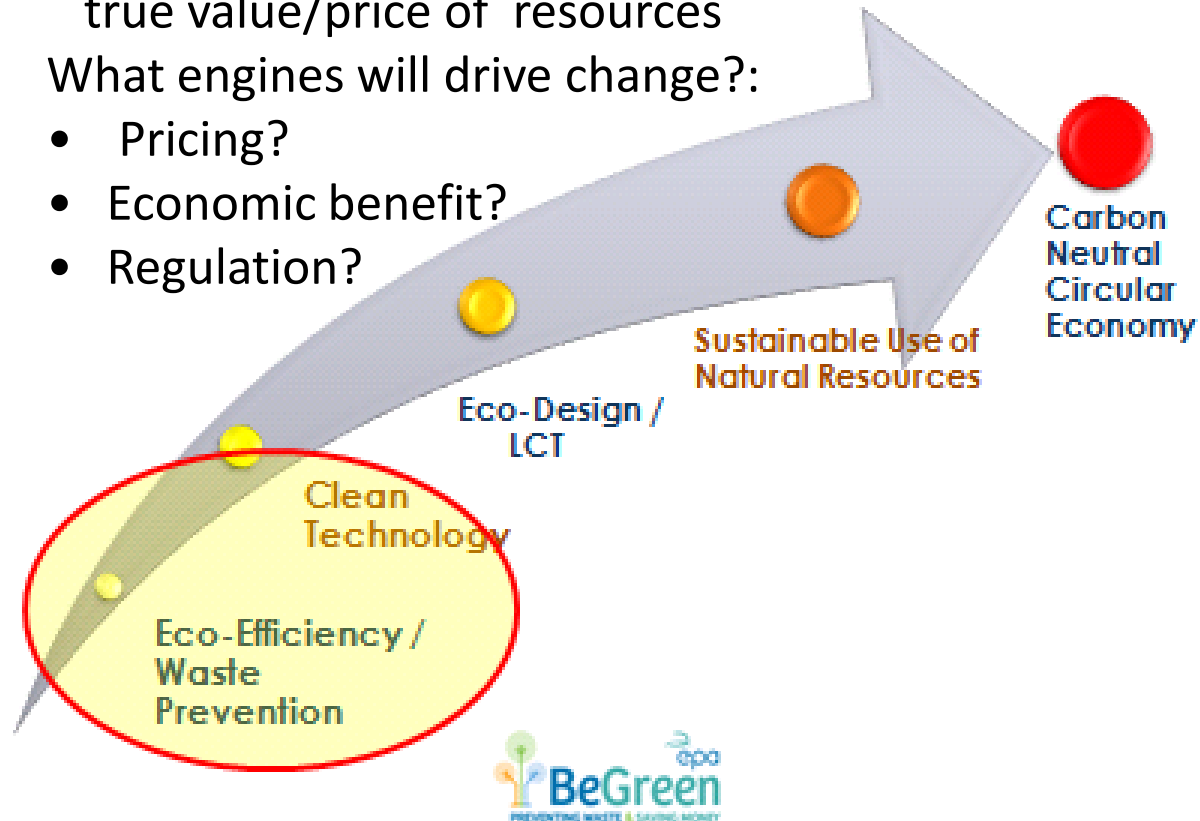
Challenges -Moving the Agenda

Measurement of natural capital:

true value/price of resources

What engines will drive change?:

- Pricing?
- Economic benefit?
- Regulation?



Source: EPA & NESCC

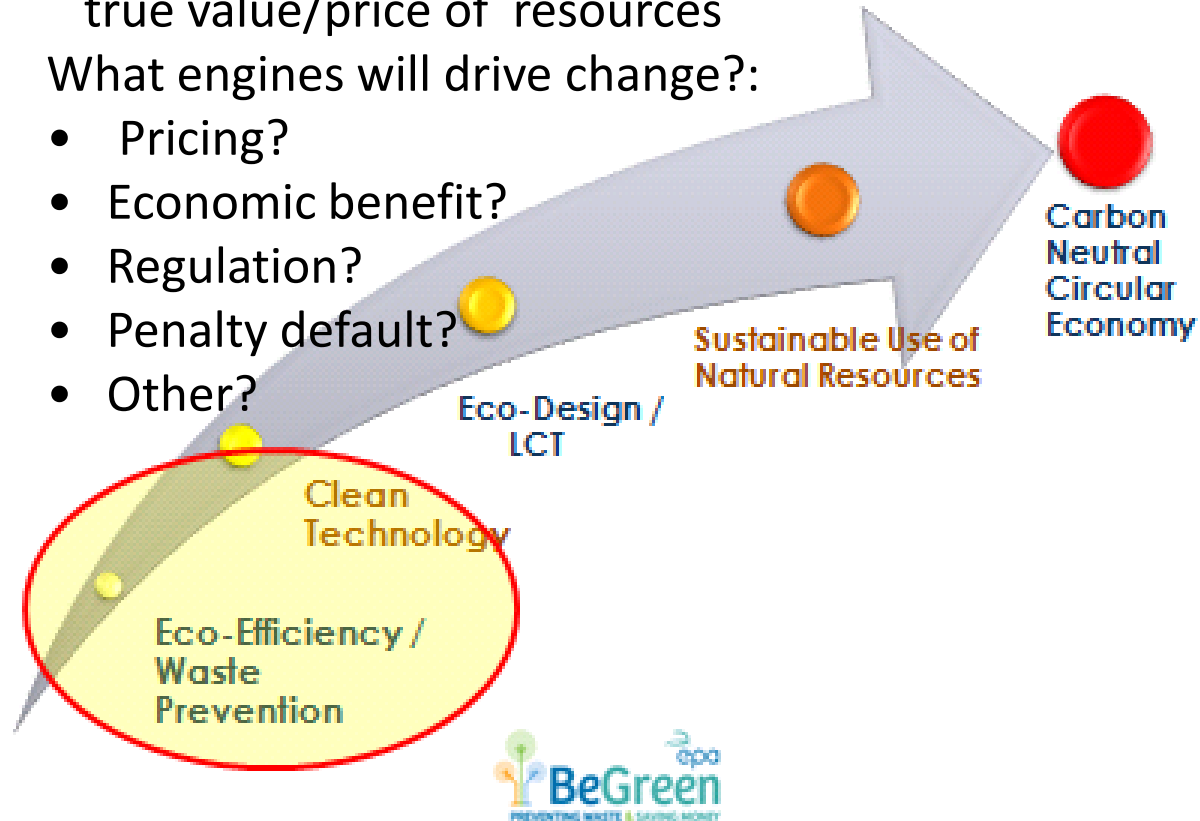
Challenges -Moving the Agenda

Measurement of natural capital:

true value/price of resources

What engines will drive change?:

- Pricing?
- Economic benefit?
- Regulation?
- Penalty default?
- Other?



Source: EPA & NES

Origin Green:
agriculture
& food: certification,
measurement &
marketing

Green public
procurement: new
Office of
Government
Procurement

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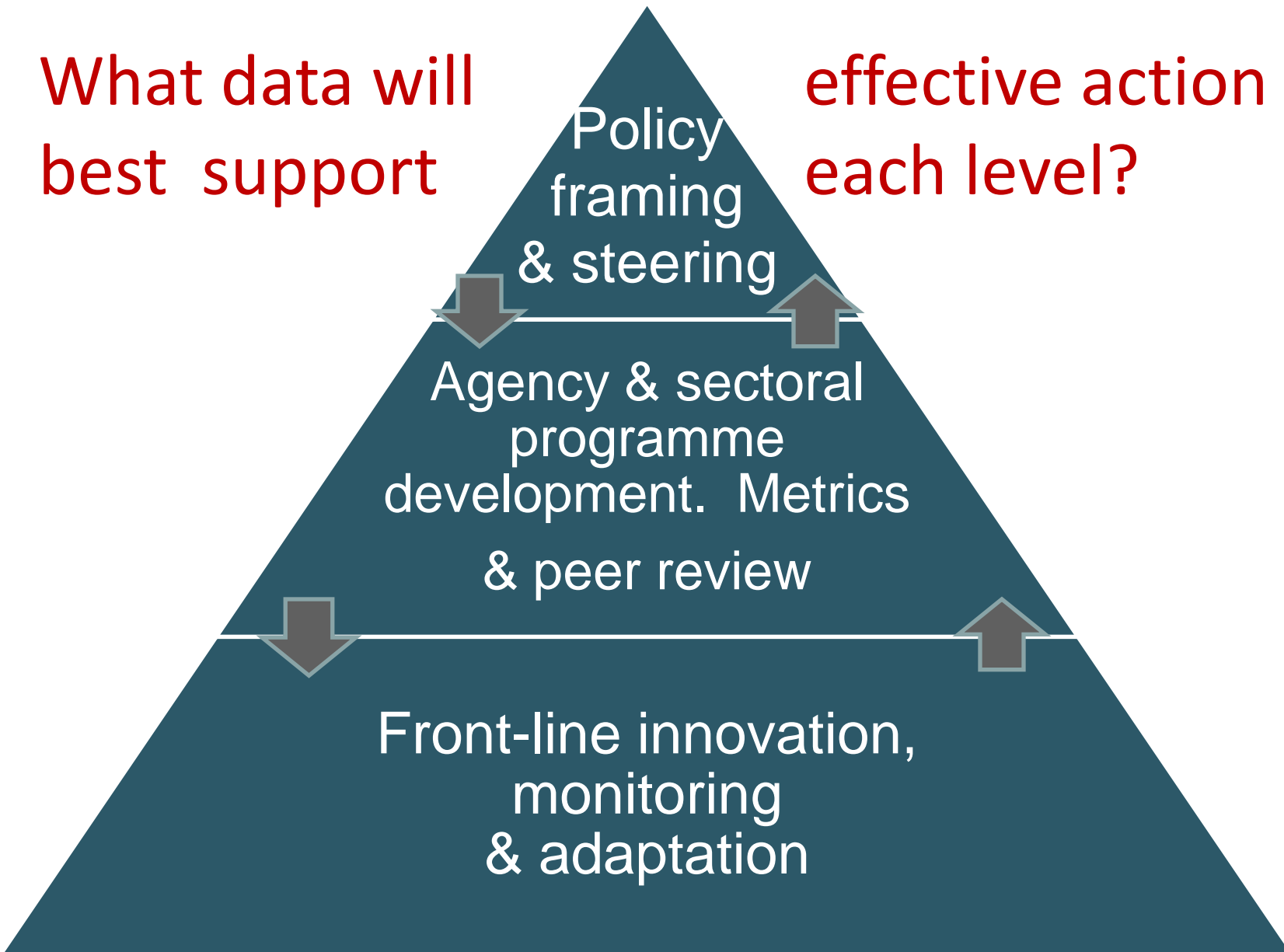
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