

A « *collectively recognized ecological debt* » based on a measure of the cost of ecosystem degradation

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Ministry for an ecological and solidary transition (MTES/CGDD/SEEIDD)



Expert meeting on ecosystem valuation in the context of natural capital accounting

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MINISTÈRE
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Photo : A. Bouissou/Terra

Ministère de la Transition écologique et solidaire

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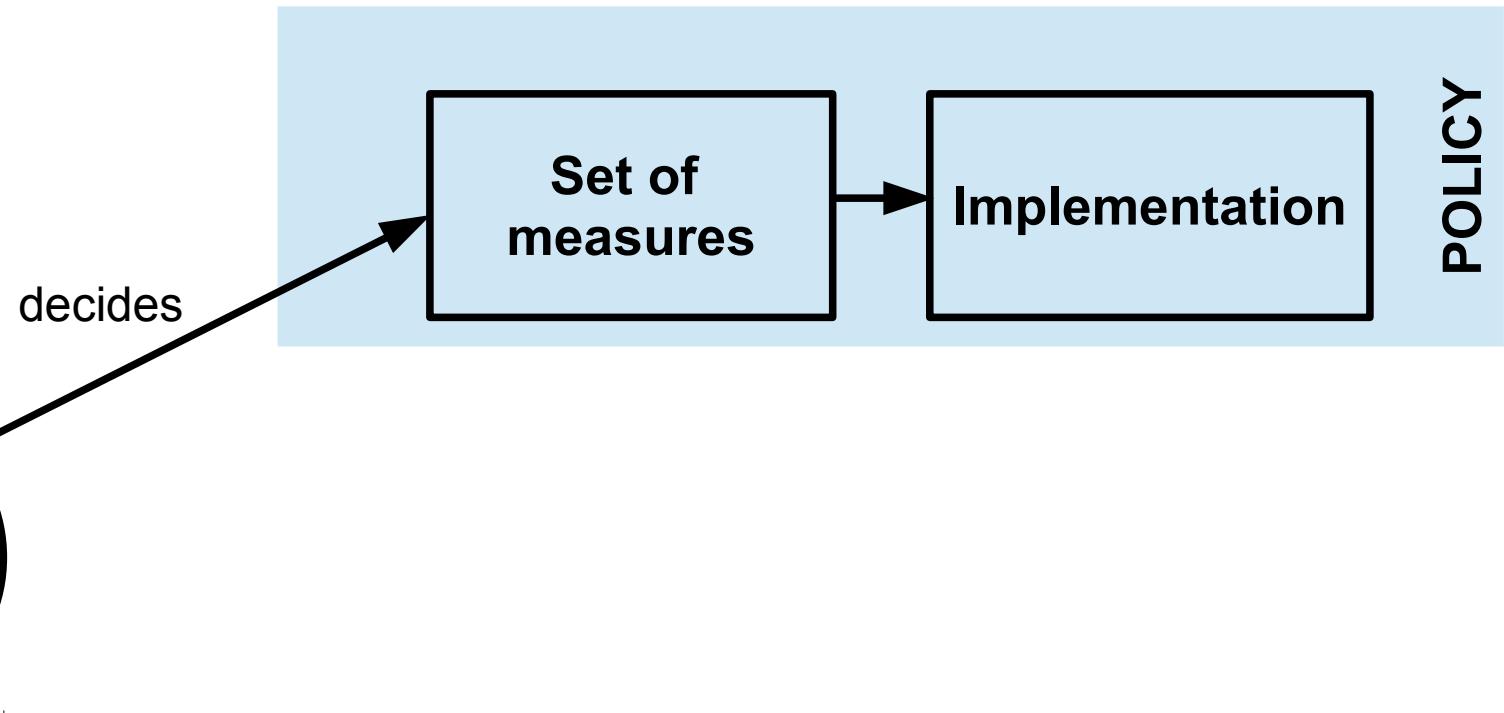
A policy framework for integrated ecosystem management



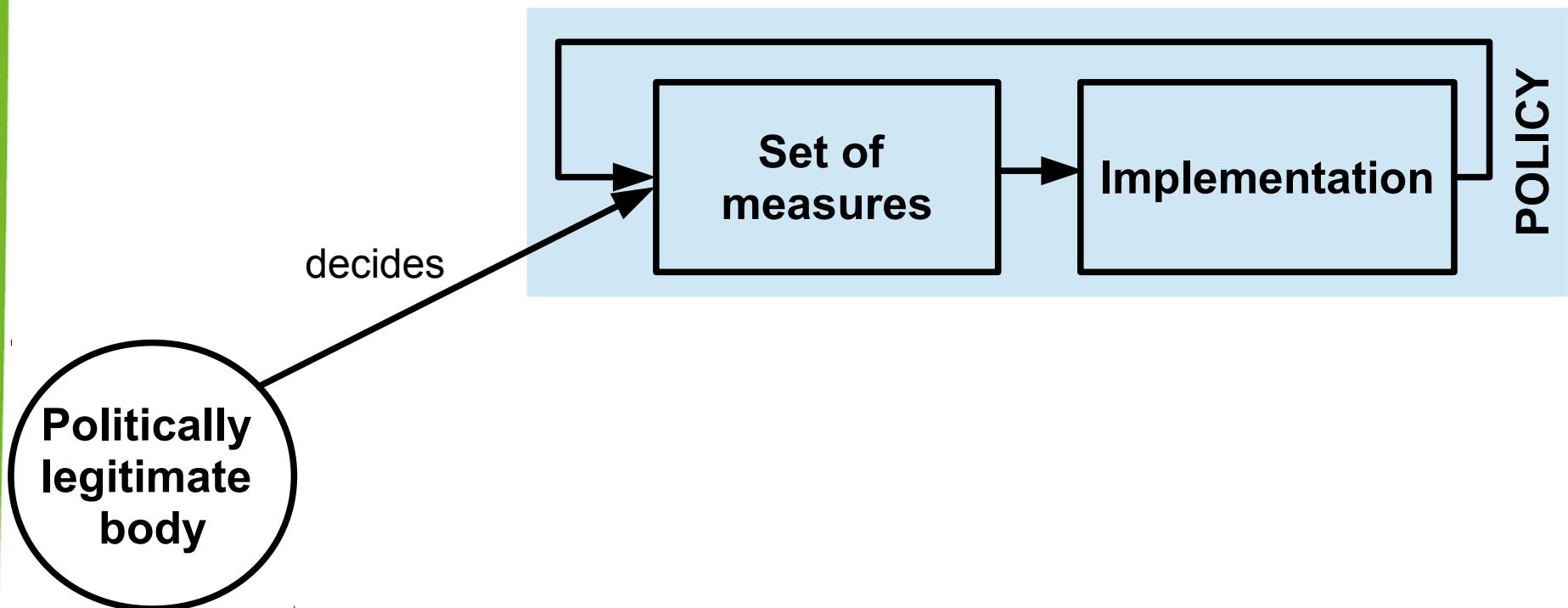
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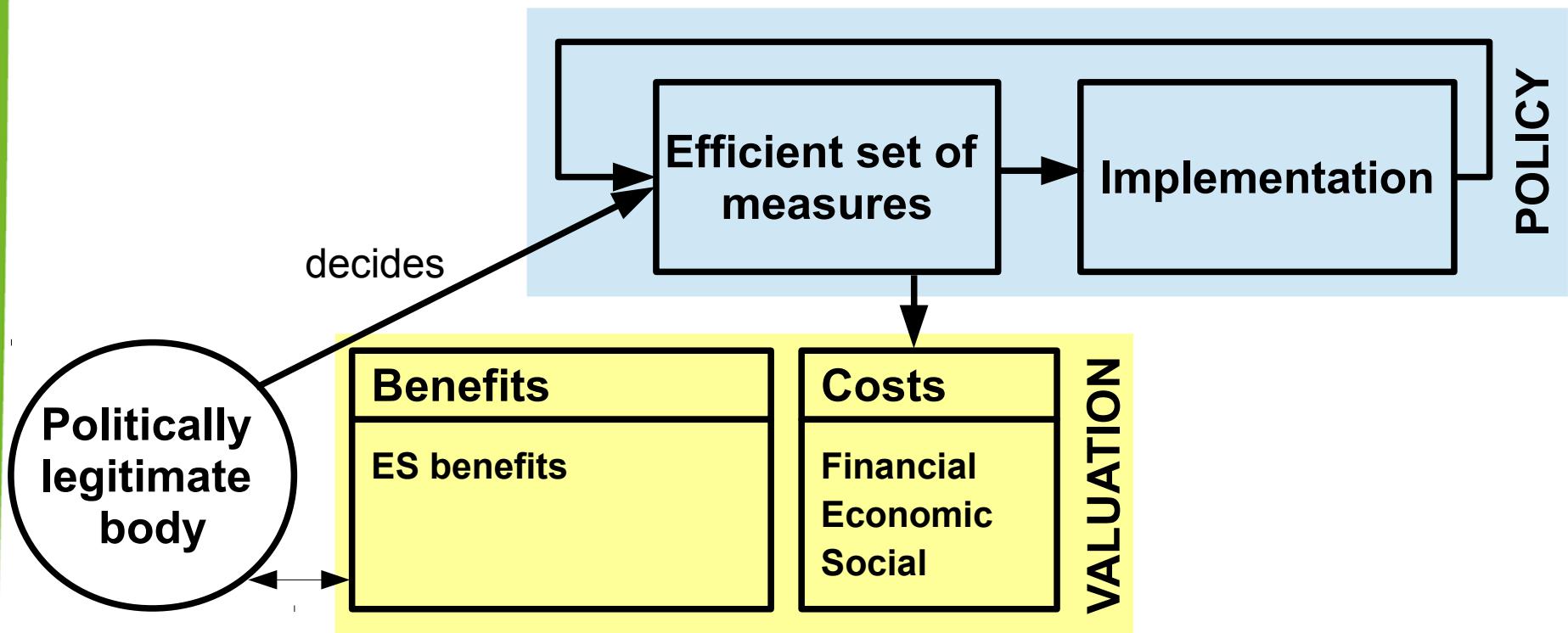
A policy framework



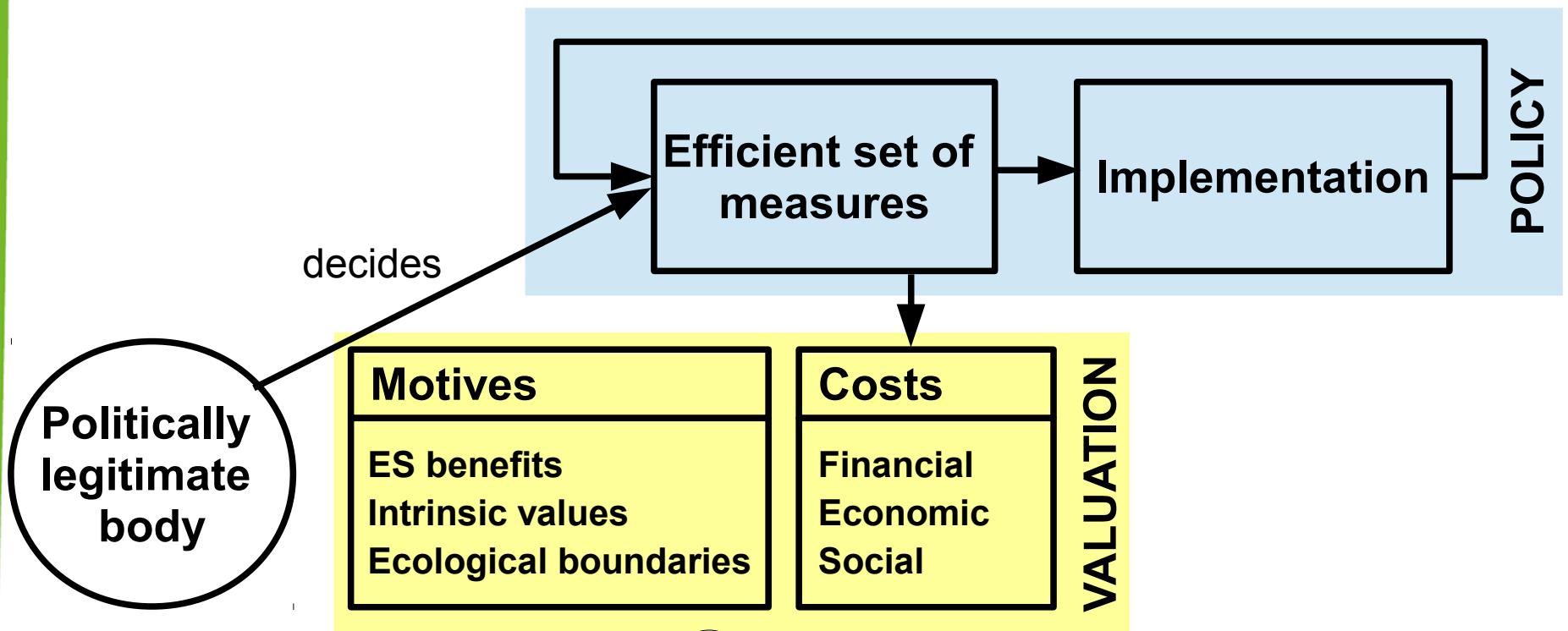
A policy framework



A policy framework

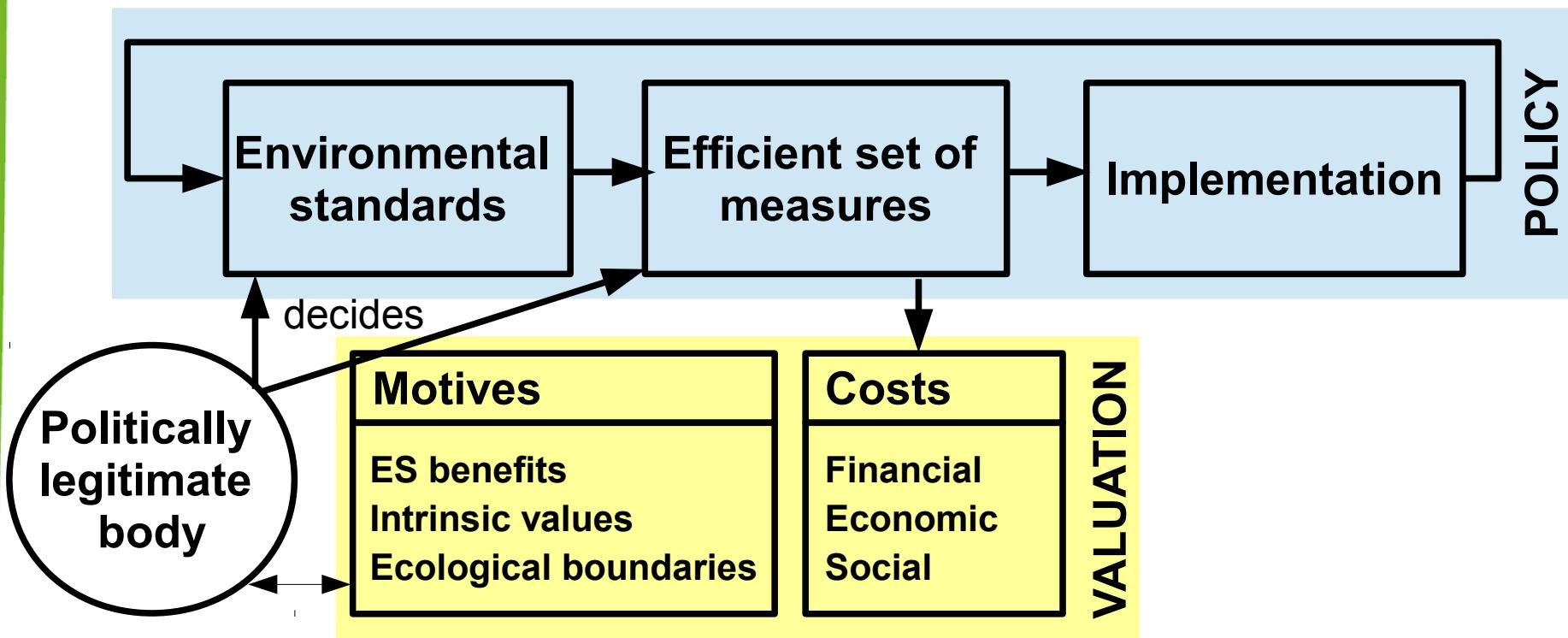


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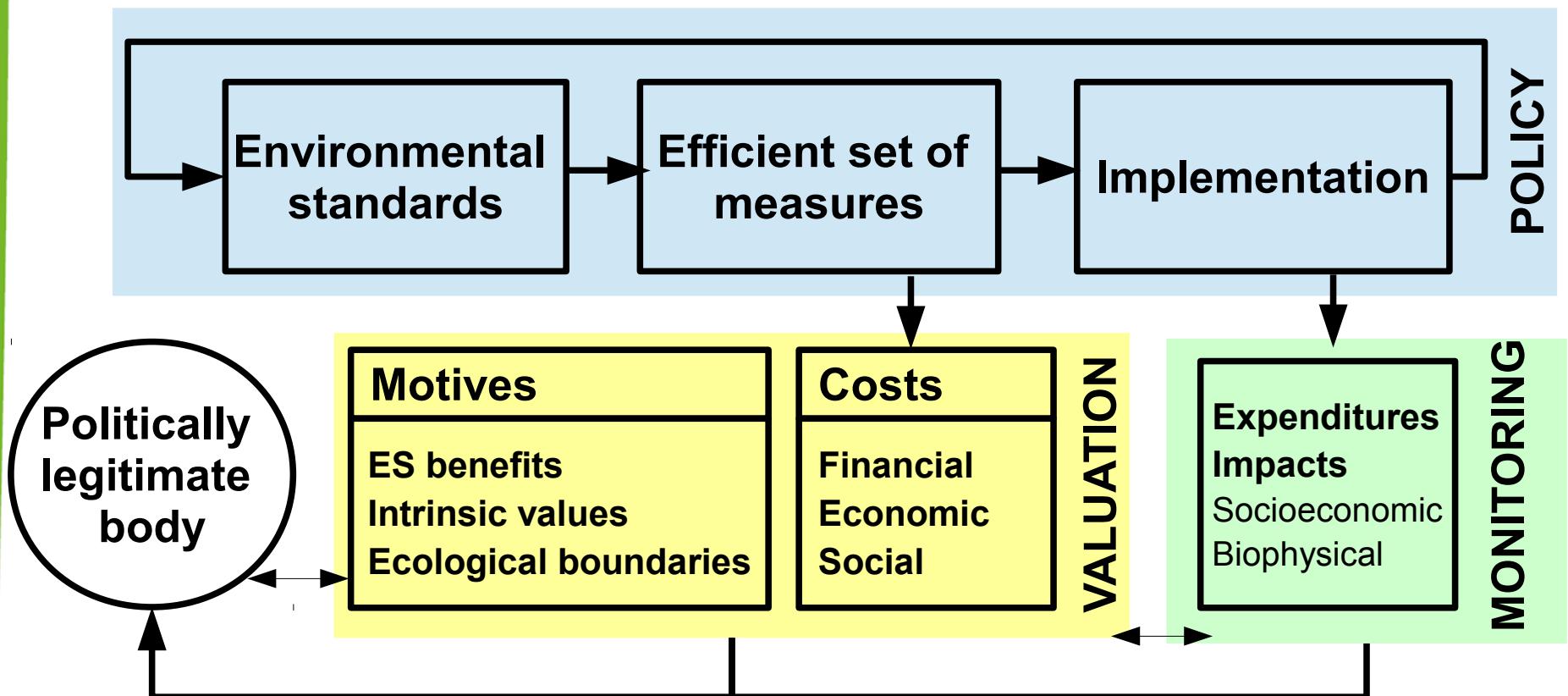
Example
*the EU 2050 vision in
 the EU biodiversity
 strategy for 2011-2020*

A policy framework

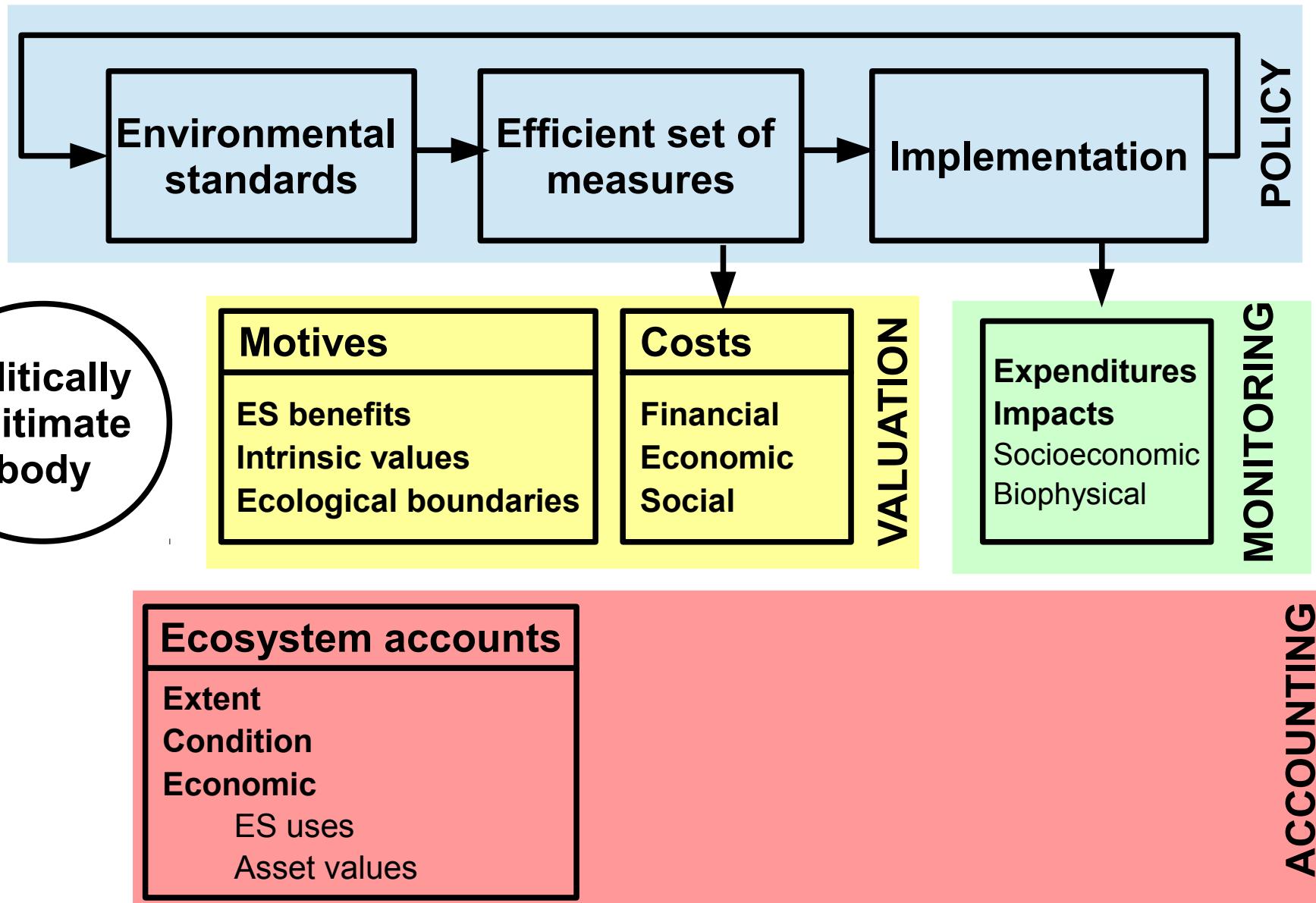


Examples
*GHG emission target ;
 Environmental targets ;
 No net loss*

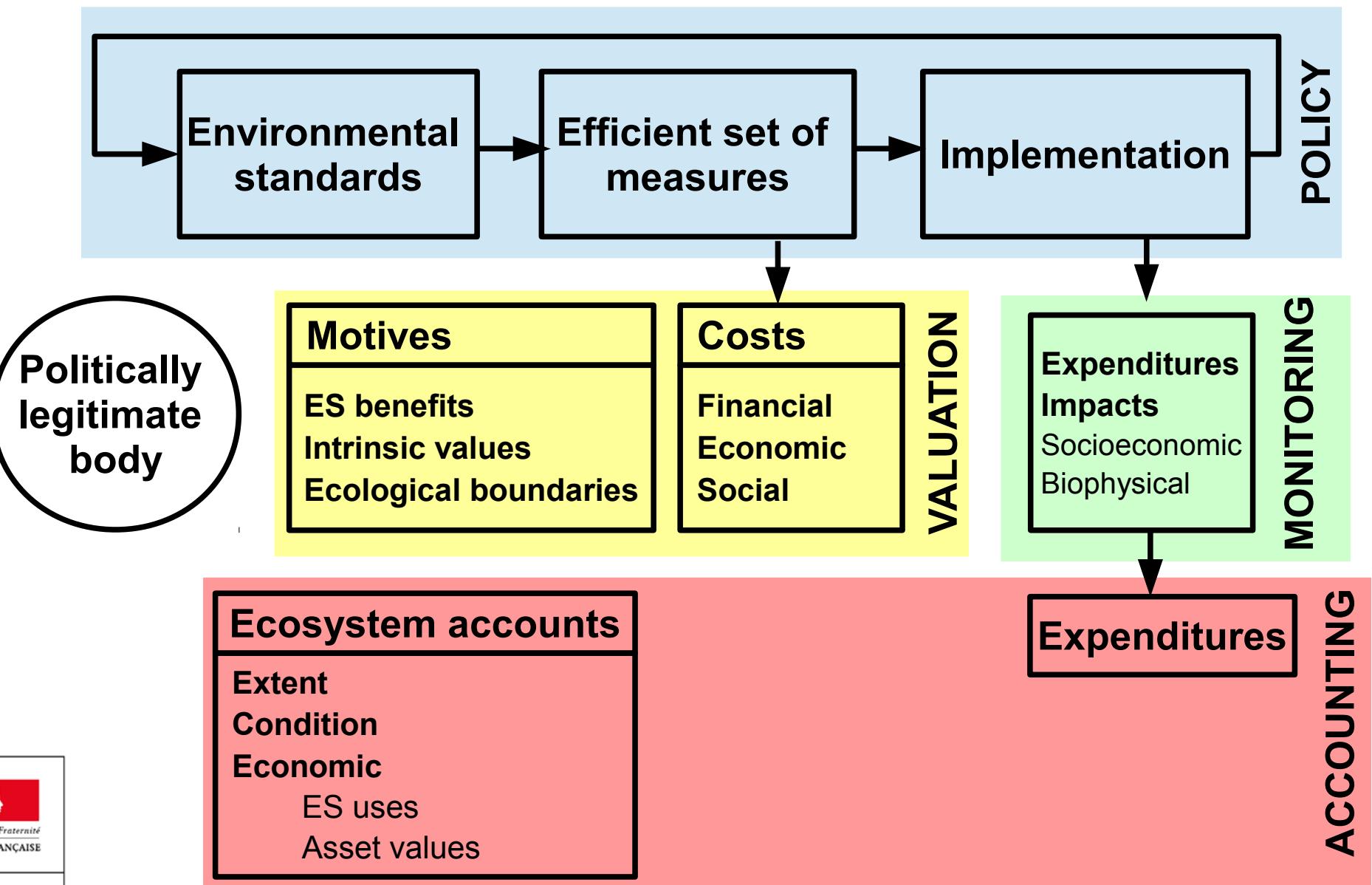
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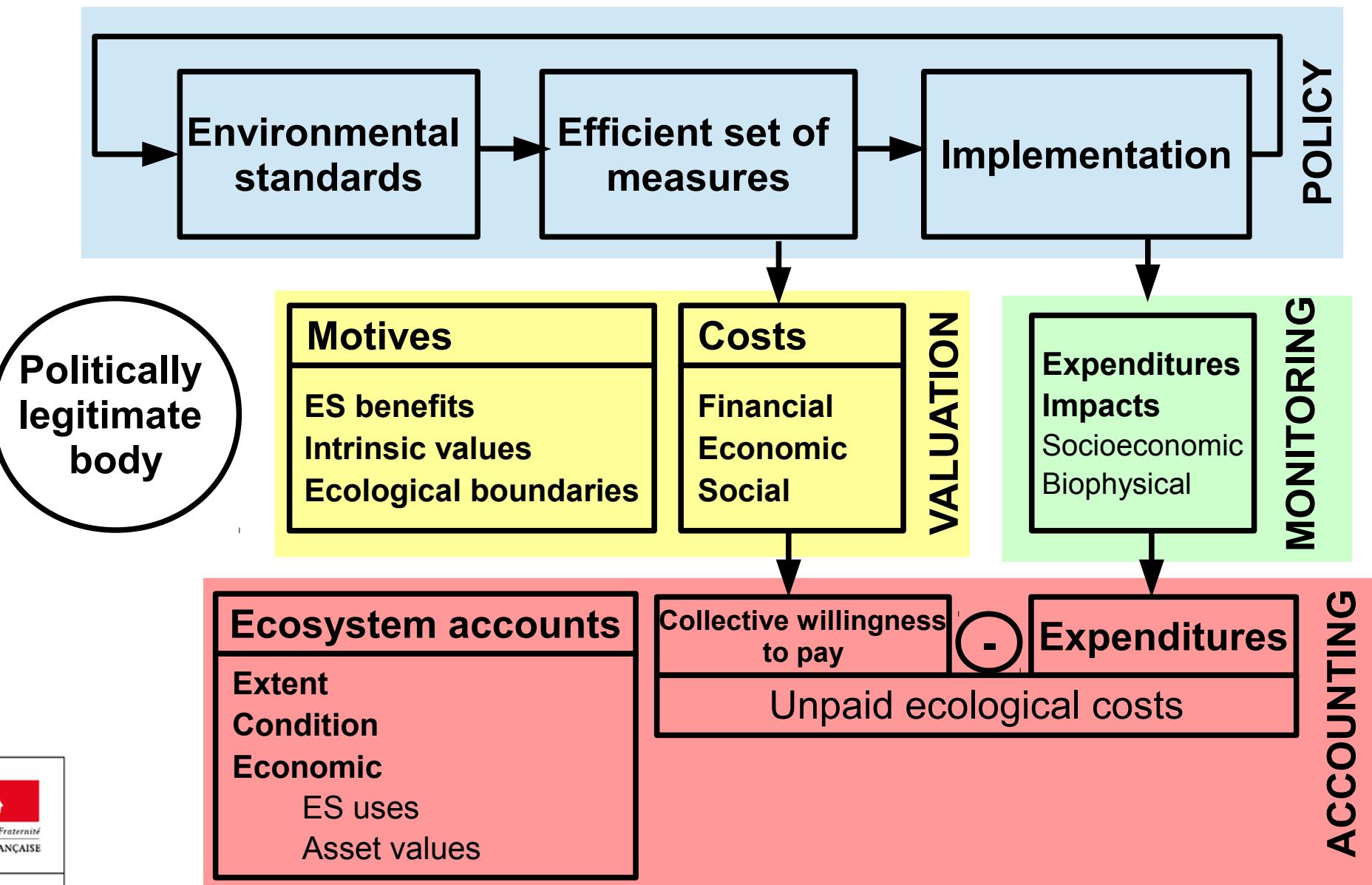
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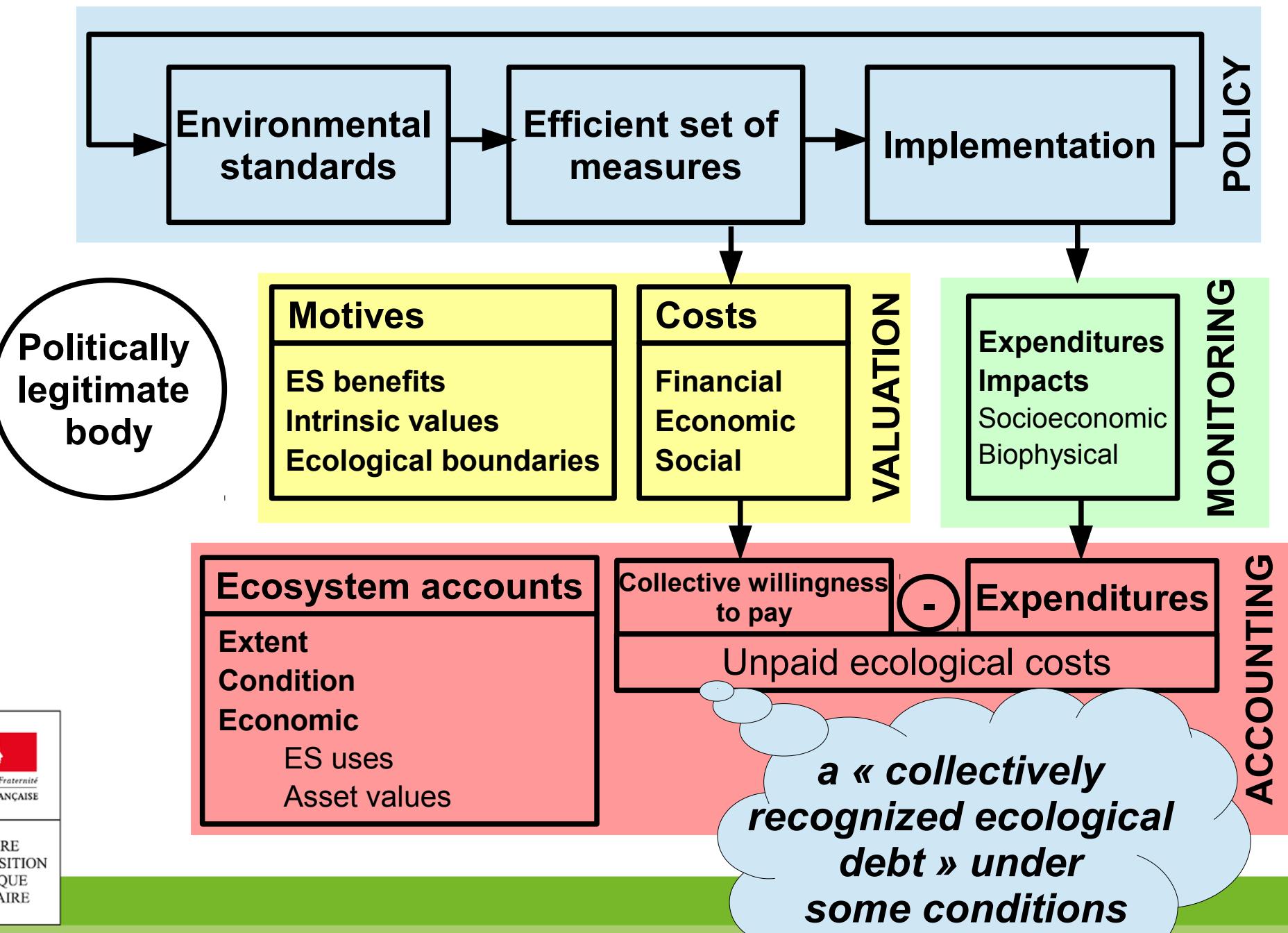
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A policy framework

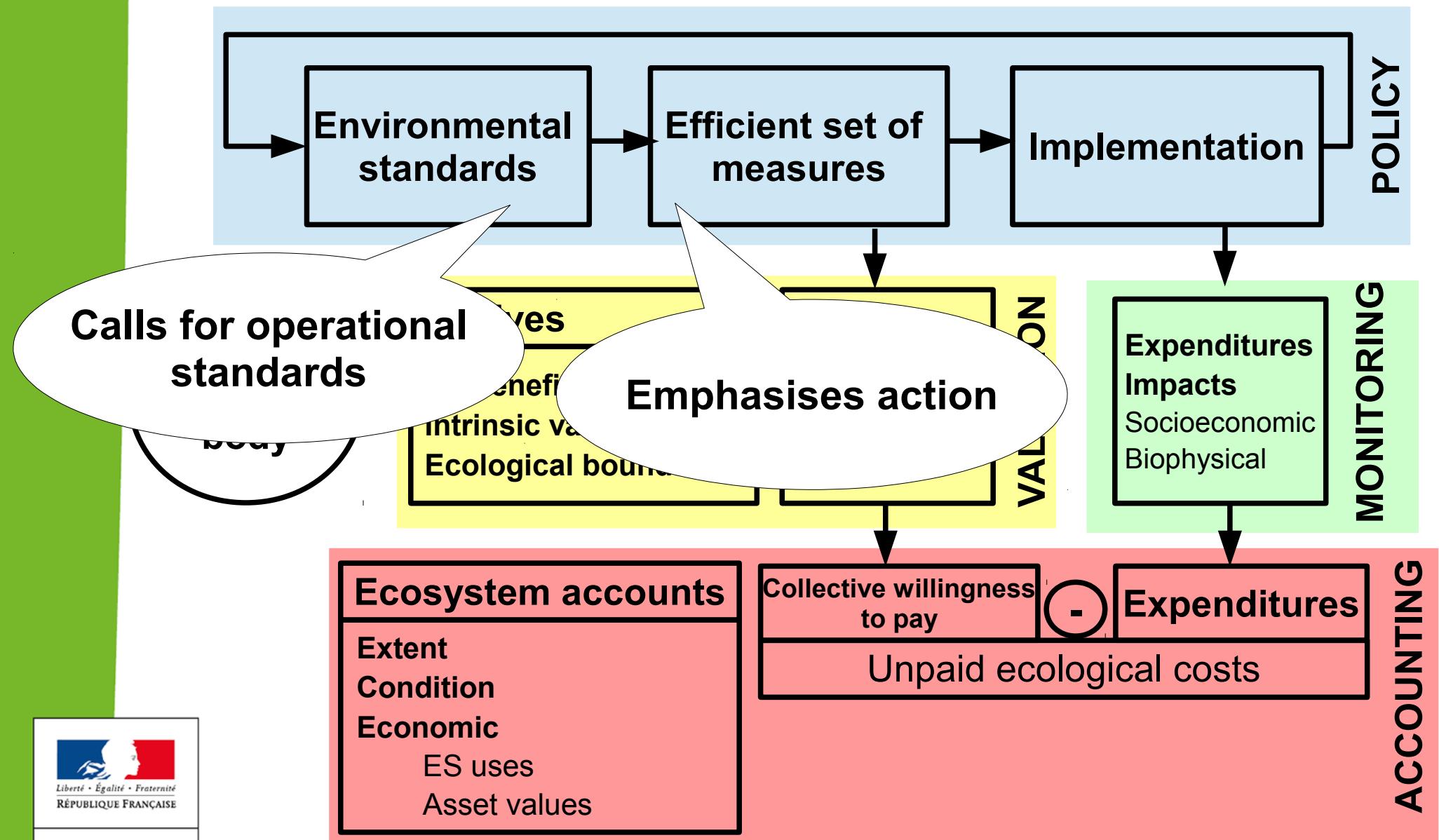


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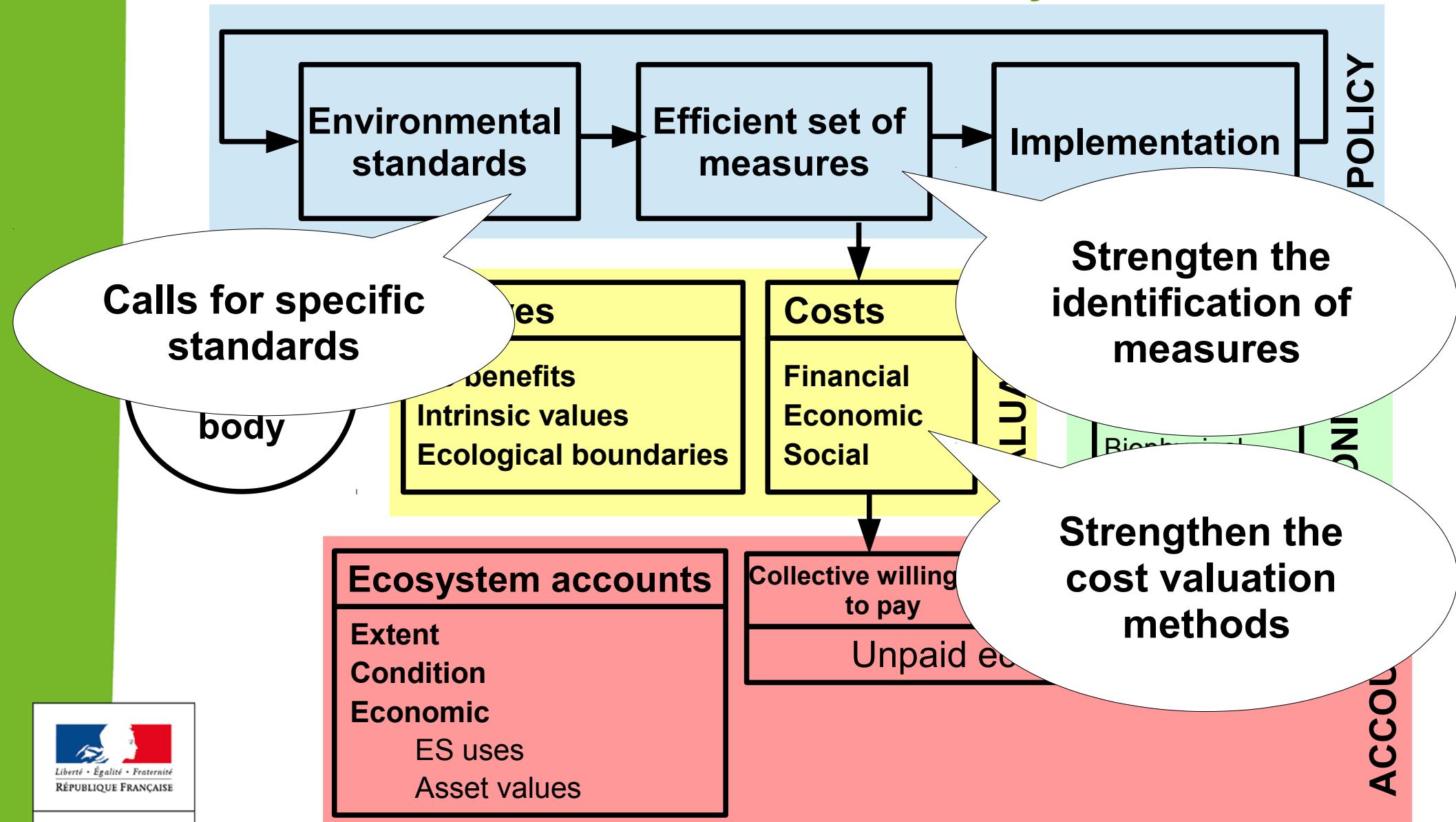
Interests of the process

Practical



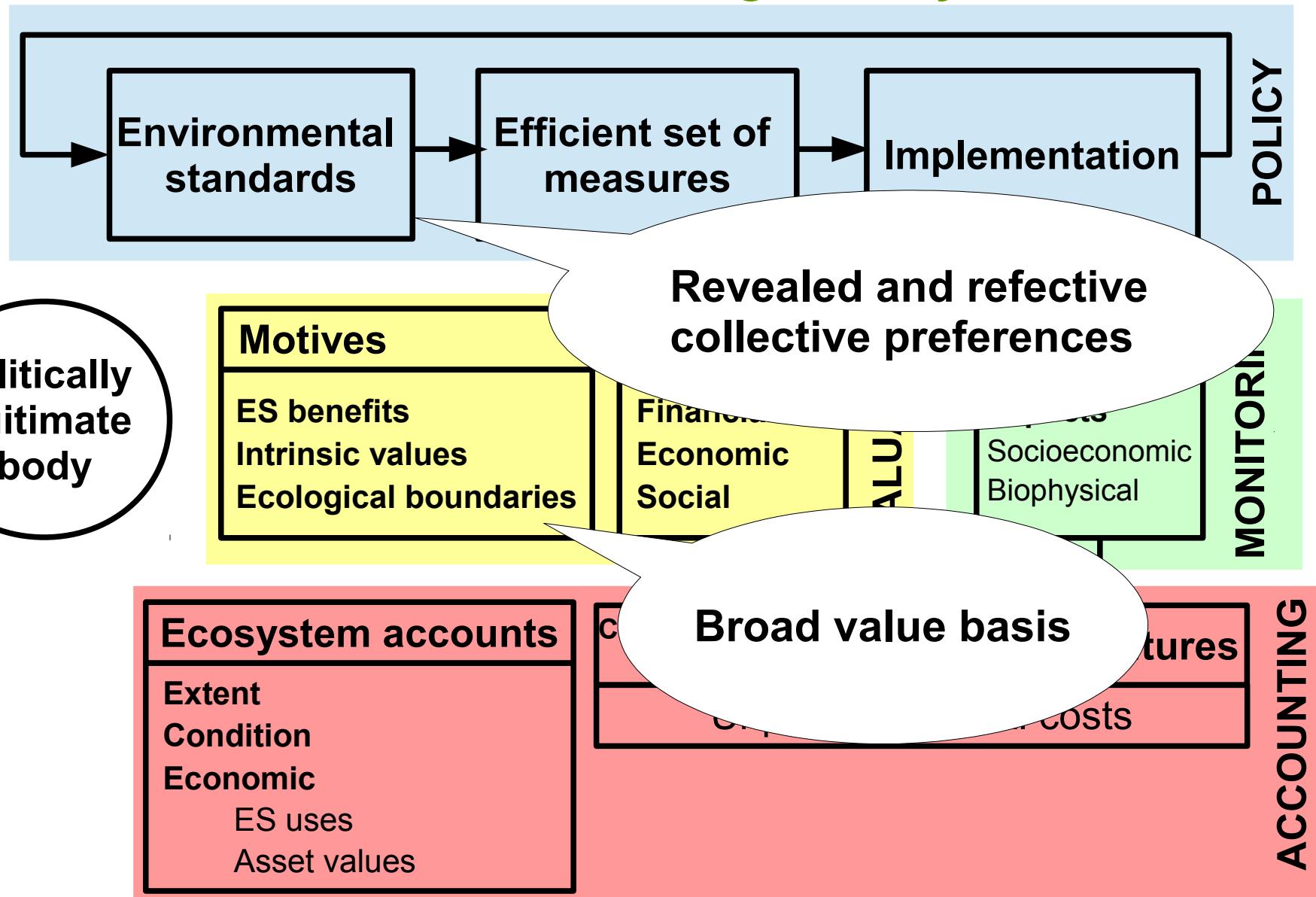
Interests of the process

Credibility



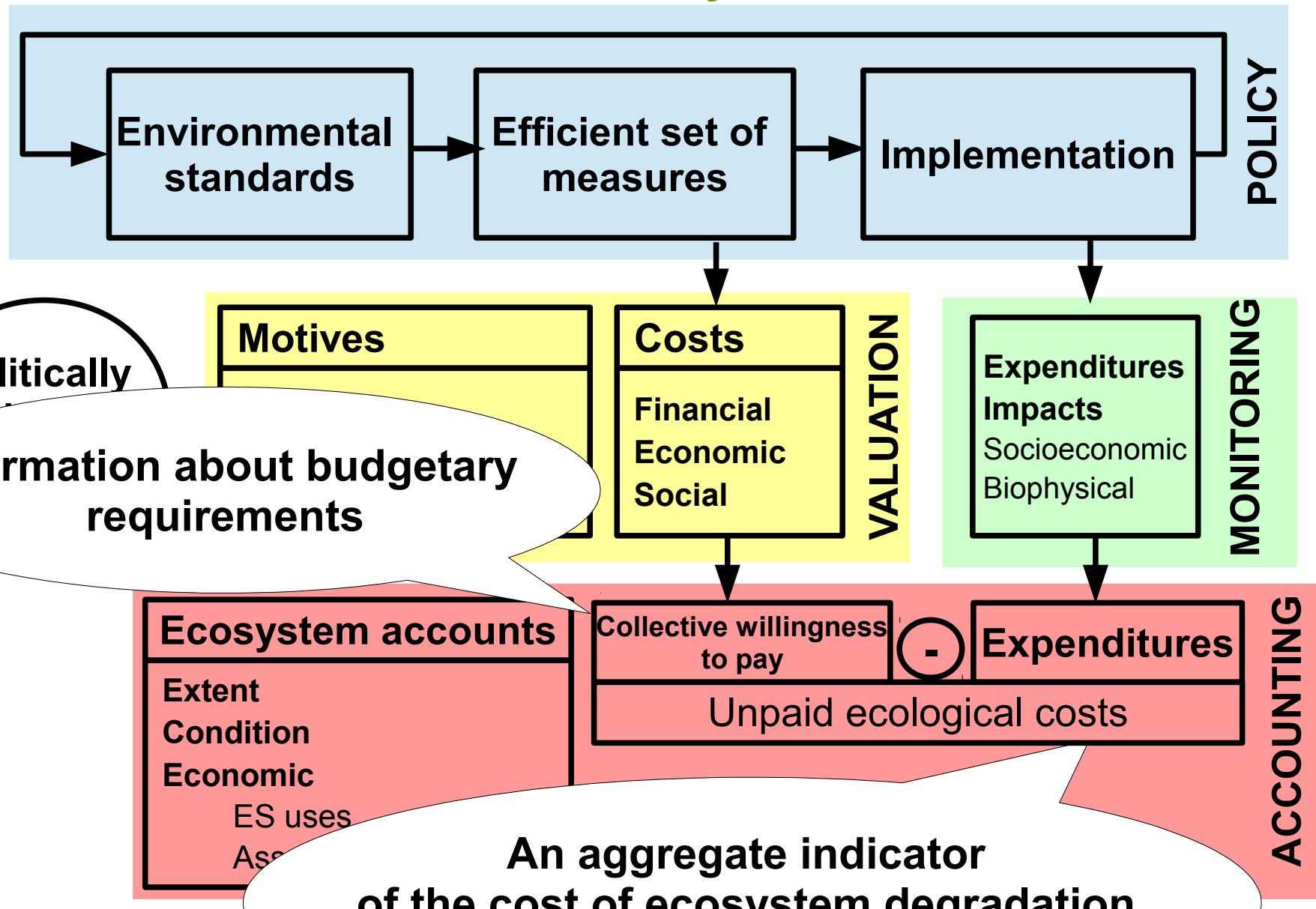
Interests of the outcome

Legitimacy



Interests of the outcome

Policy relevance

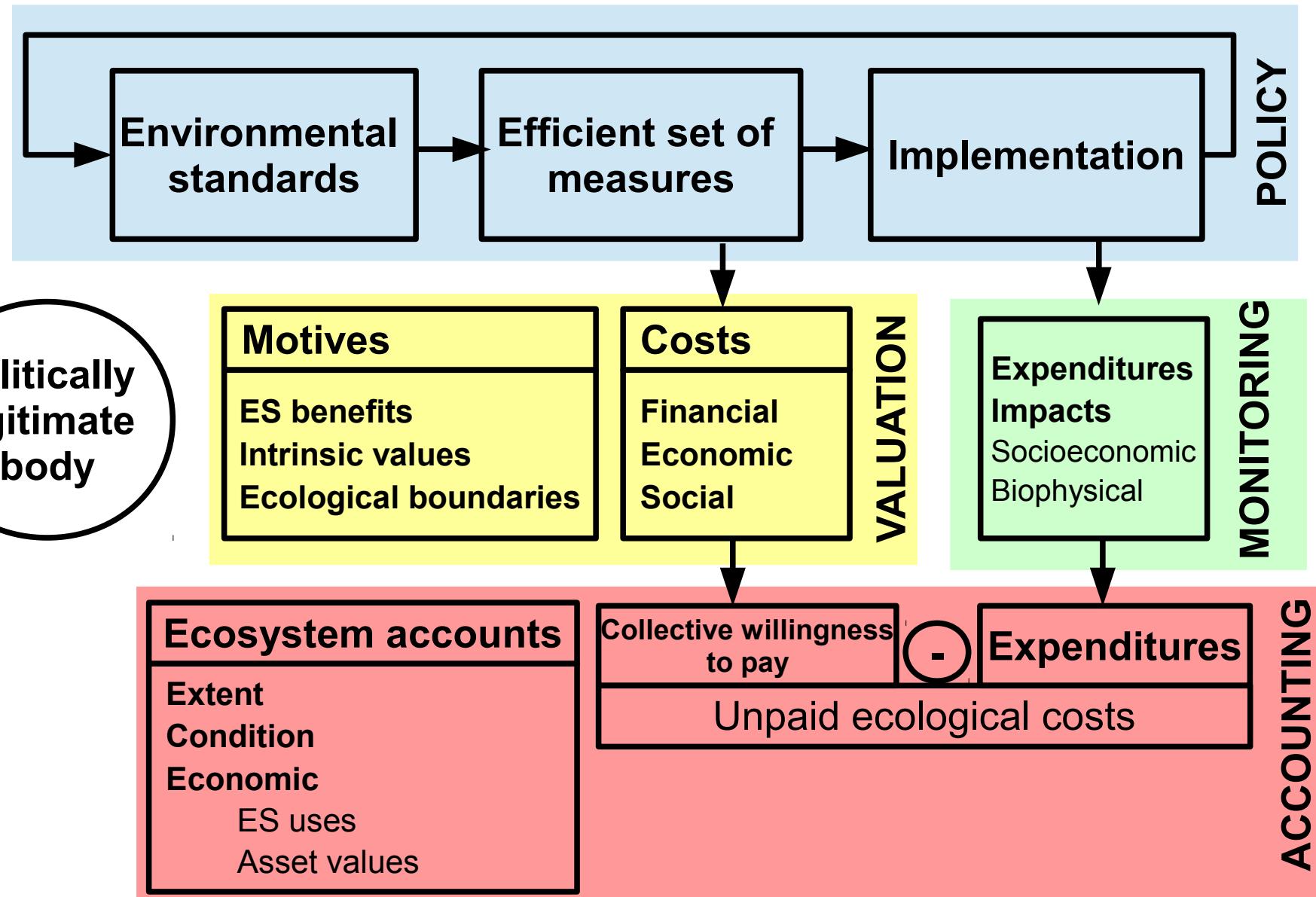


Take-home message

- 1)** Environmental standards have considerably been developed in the EU since the 90's ;
- 2)** This, and the production of associated knowledge on costs, makes the development of complementary accounts a realistic endeavour;
- 3)** Developing such accounts is a valuable process able to deliver meaningful and legitimate information to policymakers and to foster the transition to sustainable societies.



Thank you for your attention



Next annual seminar
October 2018, 4th in Paris

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http://biodiversity.europa.eu/maes/maes_countries/france



Useful references

- Chevassus-au-Louis *et al*, 2009. *An economic approach to biodiversity and ecosystem services. Contribution to public decision-making*, Centre d'analyse stratégique, collection Rapport et documents. Both available in [English](#) and [French](#).
- Devaux, 2015. *Unpaid ecological costs : initial attempts to estimate the increase in the ecological debt for the natural assets of « climate », « air » and « continental aquatic environements »*. in CGDD (ed.) *Nature and the Wealth of Nations – la Revue du CGDD*, décembre 2015, pp. 85-92 ; both available in [English](#) or in [French](#)
- EU biodiversity strategy ; available in [English](#) or [French](#)
- EU marine strategy framework directive ; available in [English](#) or [French](#)
- Farmer, M.C. and Randall, A. (1998) “The Rationality of a Safe Minimum Standard”, *Land Economics*, 74: 287–302.
- Stiglitz, Sen and Fitoussi, 2009. Rapport de la Commission sur la mesure des performances économiques et du progrès social. Available in [English](#) or [French](#)
- United Nations Statistical Division, 2013. System of Environmental-Economic Accounting: Experimental Ecosystem Accounting, Official publication. Available in [English](#)
- Vanoli, 2015. *National accounting and consideration of the Natural heritage*. in CGDD (ed.) *Nature and the Wealth of Nations – la Revue du CGDD*, décembre 2015, pp. 75-84 ; both available in [English](#) or in [French](#).

