

ECASA indicator

<p>Name DPSIR class ECASA sub-group ECASA code</p>	<p>Environmental protection costs per unit Impact Socio-economy PROTECT</p>
<p>Proposed by participant Definition, computation, Data sources and relevant studies</p>	<p>2- CEMARE, University of Portsmouth, United Kingdom</p> <p>A study of eutrophication which adopts a similar cost framework to the one proposed here, by attempting to measure policy response costs separately from environmental damage costs, is :</p>
<p>Summary, scientific meaning, implementation</p>	<p>Pretty, J.N., Mason, C.F., Nedwell, D.B., Hine, R.E., Leaf, S. and Dils, R. 2003. Environmental costs of freshwater eutrophication in England and Wales. <i>Environmental Science and Technology</i>, 37(2) : 201 - 208</p> <p>Costs may be incurred in dealing with the environmental impact of aquaculture, and are likely to consist of two elements: (i) Regulation and enforcement costs (e.g. by agencies such as SEPA). (ii) Compliance costs incurred by fish farms (e.g. arising from the obligation of farms to undertake EIAs). Environmental protection costs are the counterpart of environmental damage costs, and in theory we would expect there to be an inverse relationship between them: as more is spent on environmental protection, so the costs arising from environmental damage should fall. Furthermore, if it could be shown that environmental damage costs were greater than environmental protection costs, there would arguably be a strong case for spending more on the latter in order to reduce the former. Unfortunately, however, no published data is available on the amount spent on environmental protection specific to aquaculture, and such information would need to be obtained by direct contact with agencies and firms.</p>
<p>Range of validity Species concerned (fishes/molluscs) Related type of aquaculture Relevant environments for this indicator Geographic scale</p>	
<p>Direct relevance to objectives Clarity in design. Realistic collection or development costs High quality and reliability Appropriate spatial and temporal scale Obvious significance</p>	