

Indicators of Sustainable Development of the Coastal Zone

Goal	No.	Indicator	Measurement	Pan-European or Regional Seas Users (1)	MS Users (2)	Data Available (3)	MS Possible (4)
To control, as appropriate, further development of the undeveloped coast [EU ICZM Recommendation (2002) Chapter 1 (a), (f) and (h)]	1	Demand for property on the coast	<ul style="list-style-type: none"> Size and proportion of the population living in the coastal zone Value of residential property 	UN/CSD, Blue Plan	3	14	17
	2	Area of built-up land	<ul style="list-style-type: none"> Percent of built-up land x distance from the coastline 		0	3 (?)	3 (?)
	3	Rate of development of previously undeveloped land	<ul style="list-style-type: none"> Area converted from non-developed to developed land use 		2 (?)	13	15 (?)
	4	Demand for road travel on the coast	<ul style="list-style-type: none"> Volume of traffic on coastal motorways and major roads 	UNEP/Convention on Biological Diversity (CBD)	2	14	16
	5	Pressure for coastal and marine recreation	<ul style="list-style-type: none"> Number of berths and moorings for recreational boating 	Blue Plan	3	12	15
	6	Land take by intensive agriculture	<ul style="list-style-type: none"> Proportion of agricultural land farmed intensively 		1	2	3
To protect, enhance and celebrate natural and cultural diversity [Chapter 1 (a) and (e)]	7	Area of semi-natural habitat	<ul style="list-style-type: none"> Under development 	OECD	1 (?)	9	10 (?)
	8	Area of land and sea protected by statutory designations	<ul style="list-style-type: none"> Area protected for nature conservation, landscape or heritage 	UNEP/CBD, UN/CSD, World Bank, IUCN, Baltic 21, Blue Plan	3 (?)	14	17
	9	Effective management of designated sites	<ul style="list-style-type: none"> Rate of loss of, or damage to, protected areas 		7	13	20
	10	Change to significant coastal and marine habitats & species	<ul style="list-style-type: none"> Under development 	UNEP/CBD, Blue Plan	3	15	18
	11	Loss of cultural distinctiveness	<ul style="list-style-type: none"> Under development 		9	9	18
To promote and support a dynamic and sustainable coastal economy [Chapter 1 (d) and (g)]	12	Patterns of sectoral employment	<ul style="list-style-type: none"> Full time, part time and seasonal employment x sector Value added x sector 	EUROSTAT	0	5	5
	13	Volume of port traffic	<ul style="list-style-type: none"> Number of incoming and outgoing passengers x port Total volume of freight handled x port Proportion of freight carried by short sea routes 	EUROSTAT	2	13	16
	14	Intensity of tourism	<ul style="list-style-type: none"> Number of overnight stays in tourist accommodation Occupancy rate of bed places 	EUROSTAT	3	13	16
	15	Sustainable tourism	<ul style="list-style-type: none"> Number of tourist accommodations holding EU Eco-label 	EEA	2	11	13
	16	Quality of bathing water	<ul style="list-style-type: none"> Percent of coastal bathing waters compliant with the Guide Value of the European Bathing Water Directive 	EEA, World Bank	3	16	19
To ensure that beaches are clean and that coastal waters are unpolluted [Chapter 1 (a), (g) and (h)]	17	Amount of coastal, estuarine and marine litter	<ul style="list-style-type: none"> Volume of litter collected per given length of shoreline 		3 (?)	11(?)	14 (?)
	18	Concentration of nutrients in coastal waters	<ul style="list-style-type: none"> Riverine and direct inputs of nitrogen and phosphorous to inshore waters 	HELCOM, OSPARCOM, Bonn Agreement, UN/CSD, EEA, BALTIC 21, OECD	0	20	20
	19	Amount of oil pollution	<ul style="list-style-type: none"> Volume of accidental oil spills Number of observed oil slicks from aerial surveillance 	World Bank, EEA, HELCOM, Bonn Agreement, EEA	13	5	18
To reduce social exclusion and promote social cohesion in coastal communities [Chapter 1 (e) and (g)]	20	Degree of social exclusion	<ul style="list-style-type: none"> Indices of multiple deprivation x area 		6	12	18
	21	Relative household prosperity	<ul style="list-style-type: none"> Average household income Percent of population with a higher education qualification 	UNESCO (?)	4	7	11
	22	Number of second homes	<ul style="list-style-type: none"> Ratio of first to second homes 		0	15	15
To use natural resources wisely [Chapter 1 (a)]	23	Fish stocks and fish landings	<ul style="list-style-type: none"> State of the main fish stocks by species and sea area Recruitment and spawning stock biomass x species Landings and fishing mortality by species Value of landings x species 	World Bank, Baltic 21, Blue Plan, EEA, World Bank, OECD, FAO, Baltic 21, OECD, FAO, UN/CSD, EUROSTAT, Baltic 21, OECD, FAO, Baltic 21, Blue Plan	0	10 (?)	14 (?)
	24	Water consumption	<ul style="list-style-type: none"> Number of days of reduced supply 		n/a	n/a	n/a
	25	Sea level rise and extreme weather conditions	<ul style="list-style-type: none"> Number of 'stormy days' Rise in sea level relative to land 	EEA	12 (?)	2	14 (?)
To recognise the threat to coastal zones posed by climate change and to ensure appropriate and ecologically responsible coastal protection [Chapter 1 (b) and (c)]	26	Coastal erosion and accretion	<ul style="list-style-type: none"> Length of protected and defended coastline Length of dynamic coastline Area and volume of sand nourishment 	Blue Plan, EEA (?)	3	15	18
	27	Natural, human and economic assets at risk	<ul style="list-style-type: none"> Number of people living within 'at risk' zone Area of protected sites within 'at risk' zone Value of economic assets within 'at risk' zone 		0	18	18
					1	9	10

(1) This column shows European Union agencies and other international organisations who include the specified WG-ID indicator in their sets of indicators of sustainable development.

(2) There are 20 coastal Member States. This column shows the number of MS who include the specified WD-ID indicator in their published set(s) of national indicators of sustainable development.

(3) This column shows the number of MS who do not include the specified WD-ID indicator in their published set(s) of national indicators of sustainable development but appear to collect and collate the data necessary to measure the indicator in question.

(4) This column shows the total of those MS who either include the specified WG-ID indicator in their published set(s) of national indicators or have the potential to do so because they appear to collect and collate the data necessary to measure the indicator in question.

(?) There is uncertainty about either the description of the indicator or the unit of measurement, or whether data collection was a one-off, or whether the information refers exclusively to a delineated coastal zone. It is fair to say that almost all figures in column 7 should be accompanied by a question mark.