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A- General overview

i. Morphological structure of the Atlantic coastline (data)

1.1. Length of coastline in km	The length of coastline of Great Britain plus its principal islands is about 31,368 km
	(http://www.cartography.org.uk/default.asp?contentID=749)
1.2. Total area of the coastal zone in km² (within a range of 10 km from the coast).	214,406.7 KM ²
	(http://epp.eurostat.ec.europa.eu/portal/page/portal/maritime coastal regions/data/database)
	does not specify 10 km
1.3. No. of inhabited islands (if any).	132

ii. Population and related social conditions for the Atlantic maritime areas (data)

	ropulation and related social conditions for the Atlantic mantime areas (date	ω ₎
2.1.	Total country population (Eurostat).	58,789,213 (at 2001)
2.2.	No. inhabitants living in the Atlantic coastal area.	46,414,243 (2011)
		(http://epp.eurostat.ec.europa.eu/portal/page/portal/maritime coastal regions/data/database)
2.3.	Total employment of population aged 20-64 living in Atlantic area (last three	Employment rate, age group 15–64 (%)
	years – Eurostat).	2011: 69.5; 2012: 70.1; 2013: 70.8 (source:
		http://epp.eurostat.ec.europa.eu/statistics_explained/index.php/Employment_statistics)
2.4.	Female employment rate, persons aged 20-64 (figures for 15-64)	2003: 65.3; 2008; 65.8; 2013: 65.9
		Source: Employment rates for selected population groups
2.5.	Older persons employment rate, persons aged 55-64	2003: 55.4; 2008: 58.0; 2013: 59.8
		Source: Employment rates for selected population groups
2.6.	Total unemployment of population aged 20-64 living in Atlantic area (last	
	three years – Eurostat).	
2.7.	Youth unemployment rate, persons aged 15-24 (figures for 16-24)	767,000 (April to June 2014) source :
		(http://www.parliament.uk/business/publications/research/briefing-papers/SN05871/youth-
		<u>unemployment-statistics</u>)











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iii. Economic role of Atlantic maritime areas over the national total (data)

3.1. Gross Domestic Product (GDP) per capita in the Atlantic coastal areas (in euros) (if available from the last three years).	
3.2. Gross Domestic Product (GDP) per capita in the country (in euros) (if available from the last three years).	2011 – 30,600 2012 – 30,200 2013 – 30,600 (http://epp.eurostat.ec.europa.eu/portal/page/portal/maritime_coastal_regions/data/database)
3.3. Gross Value added (GVA) (in euros) in the last three years (if available) in the Atlantic coastal areas.	
3.4. Gross Value added (GVA) (in euros) in the last three years (if available) in the country.	

iv. GVA – Details by NACE activities (data)

Sector	GVA of coastal regions	Share in the national GVA for the sector
	(billion EUR)	
Agriculture, Aquaculture and Fishing (A)		100
Manufacturing (C)		100
Construction (F)		100
Wholesale and retail trade; transport; accommodation and food service activities; information and communication (G-J)		100











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v. Employment – Details by NACE activities (data)

Sector	Employment of coastal regions (thousand) Oct-Dec 2011 (for All Regions)	Share in the national employment for the sector All in employment : 29,203,000
Agriculture, Aquaculture and Fishing (A)	354	
Manufacturing (C)	2863	
Construction (F)	2165	
Wholesale and retail trade; transport; accommodation and food service activities; information and communication (G-J)	8040 (Wholesale, retail & repair of motor vehicles, Transport & storage, Accommodation and food services, Information & communication	

Source: EMP13: Employment by industry (last updated February 2012) (Excel sheet 151Kb)











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B – Marine and maritime economic activities (MEAs)

Overview of relevant maritime economic activities in the United Kingdom at NUTS-0 level.

Maritime economi	ic activity	Gross Value Added	Employment (*1000)	Number of	Other indicators	Source & Reference year
		(EUR, billion)		enterprises		
0. Other sectors		<u> </u>			1	
0.1	Shipbuilding (excl. leisure boats) and ship repair					
0.2	Water projects					
1. Maritime transp	port			1		
1.1	Deep-sea shipping				512	2010 Goods freight transport by sea, (million tonnes)
1.2	Short-sea shipping (incl. Ro-Ro)					
1.3	Passenger ferry services				Volume of passenger transport relative to GDP [Index (2000 = 100)]	2012, <u>Volume of</u> <u>passenger transport</u> <u>relative to GDP</u>
					86.3 Number of passagers:	2010 <u>passenger numbers</u> of passengers













Maritime economic activ	rity	Gross Value Added	Employment (*1000)	Number of	Other indicators	Source & Reference year
		(EUR, billion)		enterprises		
					28,824,000	
1.4	Inland waterway transport					
2. Food, nutrition, health	and ecosystem services	1	1		I	
2.1	Fish for human consumption					
2.2	Fish for animal feeding					
2.3	Marine aquaculture					
2.4	Blue biotechnology					
2.5	Agriculture on saline soils					
3. Energy and raw mater	ials	1				
3.1	Offshore oil and gas					
3.2	Offshore wind					
3.3	Ocean renewable energy					













Maritime econor	mic activity	Gross Value Added	Employment (*1000)	Number of	Other indicators	Source & Reference year
		(EUR, billion)		enterprises		
3.4	Carbon capture and storage					
3.5	Aggregates mining (sand, gravel, etc.)	29,910.3		1,263	58,949.9 ((Production Value)	2012, Eurostat annual detailed enterprise statistics for industry
3.6	Marine minerals mining	See 3.5 (Source does not split from Marine minerals mining)				
3.7	Securing fresh water supply (desalination)	3.				
4. Leisure, worki			•			
4.1	Coastal tourism					
4.2	Yachting and marinas					
4.3	Cruise tourism					
5. Coastal protec	ction					
5.1 – 5.2	Coastal protection against flooding and					















Maritime economic activity	У	Gross Value Added (EUR, billion)	Employment (*1000)	Number of enterprises	Other indicators	Source & Reference year
	erosion					
5.3	Protection of habitats					











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Breakdown of maritime economic activities in the Atlantic NUTS2 regions of the United Kingdom.

Maritime economic acti	vity	Overview	Socio-economic indicators	Source & Reference year (ex. Eurostat 2010)
0. Other sectors				
0.1	Shipbuilding (excl. leisure boats) and ship repair	Shipbuilding in the UK in now centred on Scotland (after closure of BAE in Portsmouth). BAE in Scotland alone employ 3,600 people in shipbuilding and repair. Cammell Laird in largest shipbuilder in the UK.	Significant in terms of employment regionally.	
0.2	Water projects	Water construction projects are undertaken throughout the UK. Current consultation on proposed changes to the water industry currently underway (England)		www.waterprojectsonline.com www.gov.uk/government/consultation/waterindustry
1. Maritime transport	·			
1.1	Deep-sea shipping	About 95% of UK imports and exports by volume are transported by sea. Dover Strait is the busiest shipping lane in the world, with several major ports.	Wider economic development depends on success of maritime industry. There has been significant investment in modernisation and safety – significant employer to UK economy.	www.gov.uk













Maritime economic activity		Overview	Socio-economic indicators	Source & Reference year (ex. Eurostat 2010)
1.2	Short-sea shipping (incl. Ro-Ro)	See above		
1.3	Passenger ferry services	Several significant ports in terms of destination and passenger numbers (both commercial and leisure)	Employment	
1.4	Inland waterway transport	Competitive alternative to road and rail transport, but not significant compared with other EU countries such as Germany and the Netherlands.	See 1.1	
2. Food, nutrition, health and				
2.1	Fish for human consumption	Significant industry at regional/local level in some areas (e.g Peterhead, Newlyn, Brixham) but not in terms of GDP. New CFP, quota management and discard adds to uncertain future	Supports regional/local employment, some tourism, although fleet declining having knock on effect on related industries, some historically important ports are now very small scale/non-existent. <10m fleet accounts for majority of employment and catch given much higher number of vessels (for non-pressure stocks)	Defra, MMO, SEAFISH













Maritime economic activ	ity	Overview	Socio-economic indicators	Source & Reference year (ex. Eurostat 2010)
2.2	Fish for animal feeding	Mainly for aquafeeds for salmon farming, some use in agriculture (ruminants)	Some concern that new CFP will direct species suitable for human consumption to animal feeding sector (discard ban)	
2.3	Marine aquaculture	Very small contribution to GDP but very important locally (highlands and Islands of Scotland). Main species produced are salmon and trout. Many farms controlled by multi-national companies	Local employment. Limits to further expansion due to licensing, regulations and disease and pollution concerns	STECF – The economic performance of the EU aquaculture sector
2.4	Blue biotechnology	Considerable potential although current low activity, similar to EU as a whole. Research undertaken into food production e.g. aquaculture	Currently limited, but potential for highly skilled employment	EU Commission
2.5	Agriculture on saline soils			
3. Energy and raw materi		Mainly Namba Can mandy attack	Faralas manak anama mata	I
3.1	Offshore oil and gas	Mainly North Sea production in Scotland. Very significant to economic development and attractive to external investors – inland alternatives (gas) currently being explored E.g. fracking	Employment, economic development, investment	













Maritime economic	activity	Overview	Socio-economic indicators	Source & Reference year (ex. Eurostat 2010)
3.2	Offshore wind	UK has invested heavily in this sector to increase renewable energy supply. Offshore renewables are part of the UKs development strategy and climate change objectives	Current uncertainty regarding efficient energy production and supply in the UK, increased energy costs as a result of investment in renewables	
3.3	Ocean renewable energy	See above		
3.4	Carbon capture and storage	The UK Carbon Capture and Storage (CCS) Commercialisation competition makes available £1 billion capital funding, together with additional operational funding through the UK Electricity Market Reforms, to support the design, construction and operation of the UK's first commercial- scale CCS projects.		
3.5	Aggregates mining (sand, gravel, etc.)	Increasingly important sector as costs of inland extraction increase and availability decreases	Significant in terms of construction, social factors such as available housing but impacts on other industries such as fishing, energy	www.gov.uk/carboncaptureandstorage













Maritime economic activity		Overview	Socio-economic indicators	Source & Reference year (ex. Eurostat 2010)
3.6	Marine minerals mining	Current exploration of feasibility of mining tin off Cornish coast	Employment but impact of other sectors such as surfing which is worth around£64 million to Cornish economy and supports around 1,600 year round jobs	ММО
3.7	Securing fresh water supply (desalination)	n/a	n/a	
4. Leisure, working and living				
4.1	Coastal tourism	Regionally very important. Coastal tourism provides significant input to local/regional economies in many areas. Some smaller areas, Newlyn, for example, rely almost solely on income from the coastal zone (fishing and tourism). Marine activities such as recreational fishing, diving, boating etc support year round jobs, or important seasonal employment. Marine based activities are important for communities all around the coast of the UK	Regionally very important for employment opportunities and economic development. Coastal tourism is important to the UK economy and offer considerable potential for further development and this is part of the UK coastal development objectives	Gov.uk MMO Coastal tourims
4.2	Yachting and marinas	Marinas can be found along the coast of the UK and at all main ports	Support infrastructure development and local economy	













Maritime economic activity		Overview	Socio-economic indicators	Source & Reference year (ex. Eurostat 2010)
4.3	Cruise tourism	Cruises operate out of some of the main ports (Dover, Southampton and Folkestone) and increasing in importance		
5. Coastal protection				
5.1 – 5.2	Coastal protection against flooding and erosion	Serious flooding can happen at any time. In England, more than 5 million properties are at risk of flooding - that's nearly 1 in 6. There are also more than 200 homes at risk of complete loss to coastal erosion in the next 20 years. It's possible 2,000 more could become at risk over this period.		www.gov.uk
5.3	Protection of habitats	UK coastal habitats are a priority for nature conservation. This is partly due to the variety of specialised species associated with them, but also because of their naturalness, fragility, scarcity and intrinsic appeal. Accordingly, there are seventeen coastalhabitat types listed under Annex I of the EU Habitats Directive and five coastal priority habitats listed under the UK Biodiversity Action Plan.		JNCC











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Description of the most relevant marine and maritime economic activities (selected on the basis of their potential in terms of employment growth, sustainability, competitiveness.

Maritime transport

Almost all imports and exports in the UK are transported by Sea. The UK is home to the most important shipping lane in the world (Dover Strait) and is the largest marine sector in the maritime economy in terms of growth, GDP, employment, investment. As travel and trade have changed over time, ships and their cargoes have developed in size, character and technology.

To encourage economic growth through trade and travel, the UK government has:

- encourage commercial development by ports
- ensure effective regulation of vessels in UK waters
- work to improve maritime security and safety, including search and rescue capabilities

Actions

To maintain effective ports for trade and travel, the National Policy Statement for Ports was developed.

One objective of the development plan is to increase the number of vessels registered in the UK. This will provide a basis to develop an <u>internationally competitive maritime sector</u>. To do this the government has/are:

- introduced tonnage tax and reformed the ship registration process at the Maritime and Coastguard Agency (MCA)
- supporting seafarer training through the Support for Maritime Training scheme (SMarT)
- With the UK Ship Register (UKSR) works with the owners/managers, class societies and other stakeholders in the marine industry to improve the standards of safety at sea











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Oil and gas

Historically, North Sea oil (particularly) and gas have been key drivers of the UK economy. Research indicates that significant hydrocarbons remain in the UKCS but the challenge is to ensure a business environment which encourages the maximum economic recovery of the UKCS recognising that future opportunities are likely to be yet more expensive to develop and less commercially attractive to investors. Given the technical, pricing and cost uncertainties, any long term production and tax forecasts are inherently uncertain and should be treated as such given the broader commercial pressures on the oil and gas industry.

Marine Tourism

Marine tourism is important to the UK economy. Worth an estimated £350 billion in 2012-2013 and growing, marine tourism contribution to GDP has increased. Some sectors are growing considerably, for example Boating tourism contributed an estimated £3.7billion to the UK economy in 2012/13, according to a new report published by the British Marine Federation.

This figure accounts for 3.2% of all tourism expenditure in the UK, according to *Deloitte: The economic contribution of the tourism economy in the UK, November 2013.*UK boating tourism supports approximately 96,000 full-time equivalent (FTE) jobs through direct and indirect effects.

This annual contribution to the UK economy in 2012/13 is estimated to be larger than the total tourism impact of the 2012 Olympic and Paralympic Games between 2005 and 2017 (including pre-event visits, the Games themselves and the estimated ongoing legacy effect).

C. List of existing clusters operating in areas of relevance for the Atlantic Plan.

Name of the cluster	Responsible	Contact details of	Source of funding	Name of Members	National /	Maritime	Objective	(max	150	Geographic
	body	person of contact			Regional	sector(-s)	words)			area covered
		(name, family			level	concerned				
		name, telephone,								
		mobile phone,								
		email, website,								
		postal address)								
N/A										











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D. List of maritime strategies at regional and national level, as well as those under preparation.

Title of the	Responsible	National /	Maritime	Publishing	URL	Objective	Be	Source of	Budget	Geographic	Population
official	body	Regional	strategy	date			ne	funding		area covered	interested
document		level	concerned				fici				
							ari				
							es				
National	Ministry of	National		13/5/14	https://	The strategy outlines,		UK		UK	All sectors
Strategy for	Defence, Foreig				www.go	for the first time, the		Government			
Maritime	n &				v.uk/gov	UK's approach to					
Security	Commonwealth				ernment	delivering maritime					
	Office, Home				/news/n	security at home and					
	Office and				ational-	internationally, setting					
	Department for				strategy-	out how the UK					
	Transport				for-	organises and uses its					
					maritim	extensive national					
					e-	capabilities to identify,					
					security	assess and address					
						maritime security					
						challenges.					
Forging	House of	National		2013-14	http://w	to promote the UK as a		UK		UK	Shipping
Ahead: UK	Commons				ww.publ	globally competitive		Government			
Shipping	Transport				ications.	location for shipping					
Strategy	Committee				parliame	which					
					nt.uk/pa	encourages maritime					
					/cm2013	trade;					
					14/cmse	 to build a maritime 					
					lect/cmt	skills base that supports					
					ran/630/	a vibrant UK maritime					
					630.pdf	sector; and					
						• to ensure that UK					
						shipping is safe, secure					
						and environmentally					
						responsible					













A Strategy for	UK Marine	National	2012	http://w	By 2020 the UK marine		UK	All sectors
Growth for	Industries	110101101		ww.ukm	industries will be		.	7 50000.0
the UK	Alliance			arinealli	renowned for the			
Marine	rillarice			ance.co	quality and			
Industries				m/sites/	value for money of their			
illuustiles				default/f	high technology			
				iles/cms	products, systems and			
				/SEN241	services			
				25%20M	globally, and for their			
				arine%2	overall and substantial			
				0Strateg	contribution to the UK's			
				Ū				
				y%2040	economic, environmental and			
				pp.pdf				
					social well being.			
					The strategy identifies			
					key themes that can:			
					help the marine			
					industries deliver			
					against market			
					opportunities			
					 enable companies to 			
					grow their market share			
A Future for	Cornwall	Regional	2012	http://w	The Maritime Strategy	UK	UK	All sectors
Maritime	County Council			ww.corn	for	Government		
Cornwall: The				wall.gov.	Cornwall covers the			
Cornwall				uk/medi	period			
Maritime				a/36230	2012-2030 and provides			
Strategy				48/Marit	a			
2012-2030				ime-	unifying and long-lasting			
				strategy-	policy framework for the			
				2012.pdf	planning of Cornwall's			
					land, sea and coast well			
					into the 21st century.			
Modern	Department for	National		http://w		UK	UK	Ports,













Ports: A UK	Transport -			ww.exet		Government		Shipping,
Policy	Exeter Council			er.gov.u				Fishing,
				k/media				Tourism
				/pdf/k/4				
				/ECC.MA				
				.2.2.pdf				
The UK	Department for	National	2009	https://	This Strategy will help us	UK	UK	
Renewable	Enegy and			www.go	tackle climate change,	Government		
Energy	Climate Change			v.uk/gov	reducing the UK's			
Strategy	- UK			ernment	emissions			
	Government			/uploads	of carbon dioxide by			
				/system/	over 750 million tonnes			
				uploads/	between now and 2030.			
				attachm	It will			
				ent_dat	also promote the			
				a/file/22	security of our energy			
				8866/76	supply, reducing our			
				86.pdf	overall fossil			
				i i	fuel demand by around			
					10% and gas imports by			
					20–30% against what			
					they			
					would have been in			
					2020. And it will provide			
					outstanding			
					opportunities for			
					the UK economy with			
					the potential to create			
					up to half a million more			
					jobs in			
					the UK renewable			
					energy sector resulting			
					from around £100			
					billion of new			
					DITION			













					investment. In parallel			
					with energy saving,			
					nuclear and carbon			
					capture and			
					storage, this is a key			
					element of our overall			
					transition plan for			
					setting the UK			
					on the path to achieve a			
					low-carbon, sustainable			
					future that helps			
					address			
					dangerous climate			
					change.			
Protecting	DEFRA - UK	National	5/8/14	https://	The directive came into		UK	Multi-sector
and	Government			www.go	force on 15 July 2008			
sustainably				v.uk/gov	and was transposed into			
using the				ernment	UK law by the Marine			
marine				/policies	Strategy Regulations			
environment				/protecti	2010. It requires			
– the Marine				ng-and-	member states to:			
Strategy				sustaina	 provide an 			
Framework				bly-	assessment of the			
Directive				using-	current state of			
				the-	their seas by July			
				marine-	2012			
					 provide a set of 			
				ment/su	detailed			
				pporting	characteristics of			
				-	what good			
				pages/i	environmental			
				mpleme	status means for			
				nting-	their waters, and			
				the-	associated targets			













str fra orl	marine- strategy- framew ork- directive	July 2012 • establish a monitoring
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