



## WG ICZM, 4th Meeting

Bremen, 26 September 2007

### FINAL DRAFT MINUTES

#### 1. Opening

*Document: Draft agenda*

The chairman, Herman Verheij, opened the meeting will at 13:00 hours. The secretary informed that the following members could not participate:

Mr. Schuhbauer, Ms. Straßer, Mr. Witzki and Mr. Frederiksen. Mr. Johannsen had informed the secretariat that he would no longer participate in the WG.

A list of participants is in **Annex 1**. The agenda was adopted and is in **Annex 2**.

#### 2. Adoption of the minutes WG ICZM-3

The final draft minutes of the 3rd meeting of WG ICZM, Hamburg, 24 April 2007, were **adopted**.

#### 3. Announcements

Mr. Kannen informed the meeting that an application had been made for prolonging the Coastal Futures project until May 2010.

Mr. Kannen furthermore informed about an ICZM meeting in Brussels, 5 September 2007. One of the major problems discussed at the meeting was the insufficient funding of ICZM initiatives, especially in the UK.

Mr. de Jong informed the participants about the evaluation of the trilateral Wadden Sea cooperation, which was also relevant for the future of the WSF.

#### 4. Sustainability indicators

The final draft version of the COWI sustainability indicator study was distributed by e-mail of 16 July 2007. Comments to the draft by Herman Verheij and Folkert de Jong were distributed by e-mail of 2 August. Comments by the Coastal Futures project were distributed by e-mail of 19 September.

First, general comments to the COWI tool were discussed. With regard to the unequal number of objectives for the three dimensions of sustainability, it was **agreed** that it would be tried to increase the number of objectives for ecology. This could easily be done by further differentiation of the objectives "natural biodiversity" and "contamination/pollution."

The suggestion to attach a reliability indicator to the parameters used was **rejected** because this was not considered practicable.

The proposal to make hyperlinks to navigate from level 2 to level 3 was **adopted**.

The request to make the tool suitable for producing regional indexes was **rejected** because this would require too much additional programming.

The problem of missing direct links to national and international statistical units was recognised.

This could however not be solved because for several sites a password or payment was needed.

Finally, the relevance of change indicators in relation to status indicators was discussed. It was concluded that both were relevant for assessing the objective under consideration.

The meeting then discussed all indicators, proposed by COWI, which resulted in a number of amendments and questions still to be clarified (**Annex 3**).

It was **agreed** that all deliverables would be sent to COWI by 22 October at the latest and that COWI would make available a final draft by 5 November 2007.

## 5. ICZM

*Document: ICZM-4-5-1*

The meeting discussed the cases to be analysed, as proposed in document ICZM-4-5-1. Verheij proposed to put the Ems Barrage case in a much broader framework, i.e. encompassing the spectrum of socio-economic and ecological issues relevant for the Ems-Dollard region. After some discussion it was agreed that this might be an issue for a master study. Kannen promised to investigate possibilities in his institute.

The meeting **agreed** to use the cases proposed in the document since these represented a sufficiently broad structural and geographical spectrum.

It was **agreed** to deal with the cases in the following way:

1. Description;
2. Preliminary analysis;
3. Discussion at workshop, leading to final analysis.

The first two tasks would be carried out by Marcus Lange and Maarten Wegen. The following preliminary (pending further discussion about personal interests, availability of material and capacities) division of the cases was proposed:

Marcus Lange.

Trilateral Wadden Sea Cooperation

Insel und Halligkonferenz

Ems Barrage

Jade-Weser Port

Mussel Fisheries Schleswig-Holstein

Maarten Wegen

Danish National Parks

Gas exploitation NL

Mussel Fishery NL

Varde Aa DK

It was **agreed** that it would be useful to discuss methodological aspects of the analysis in a kick-off meeting, to be held 11 October 2007 in the CWSS office, starting at 12:00 hours. Kannen and Lange promised to draft a document outlining the framework for the analysis.

## 6. Any other business

There was no any other business

### **7. Next meeting**

It was **agreed** that the next meeting of WG ICZM would be held in the 2<sup>nd</sup> or 3<sup>rd</sup> week of January 2008 and that a list of possible dates would be circulated.

### **8. Closing**

The meeting was closed at 19:30 hours.

## **ANNEX 2. AGENDA**

**1. Opening**

**2. Adoption of the minutes WG ICZM-3**

**3. Announcements**

**4. Sustainability indicators**

**5. ICZM**

**6. Any other business**

**7. Next meeting**

**8. Closing**

**ANNEX 3. RESULTS DISCUSSION INDICATORS**

		<b>INDICATOR</b>	<b>COMMENT/DECISION</b>	<b>ACTION</b>
<b>1</b>		<b>Safety</b>		
	<a href="#">1.1</a>	Observed oil spills	To be included in "Ecology"	
	<a href="#">1.2</a>	Stormy days	Better take dike safety, possibly relative length of safe dike	FdJ: Consult CPSL about suitable indicator
		<b>SOCIAL</b>		
<b>2</b>		<b>Cultural history</b>		
	<a href="#">2.1</a>	Marshland	Not suitable. No replacement available. To be skipped	
	<a href="#">2.2</a>	Dunes		
<b>3</b>		<b>Demography</b>		
	<a href="#">3.1</a>	Relative share of young persons (15-24 years)		
	<a href="#">3.2</a>	Relative share of old persons (65+ years)		
	<a href="#">3.3</a>	Relative share of women	Considered superfluous. To be skipped	
	<a href="#">3.4</a>	Relative population growth		
	<a href="#">3.5</a>	Population growth		
<b>4</b>		<b>Education, R&amp;D</b>		
	<a href="#">4.1</a>	Relative share of young persons (15-24 years) with vocational education		
	<a href="#">4.2</a>	Relative share of young persons (15-24 years) with higher education		
	<a href="#">4.3</a>	Growth in number of persons (15-24 years) with vocational or higher education		
<b>5</b>		<b>Employment</b>		
	<a href="#">5.1</a>	Relative employment growth		
	<a href="#">5.2</a>	Employment growth		
	<a href="#">5.3</a>	Relative share of high-quality jobs		
	<a href="#">5.4</a>	Change in accidents at work	Not relevant Skip	
<b>6</b>		<b>Health</b>		
	<a href="#">6.1</a>	Relative admissions to hospitals		
	<a href="#">6.2</a>	Growth in admissions to hospitals		
<b>7</b>		<b>Housing</b>		
	<a href="#">7.1</a>	Relative residential properties being owned by resident		
	<a href="#">7.2</a>	Relative growth in house prices		
	<a href="#">7.3</a>	Growth in house prices		
<b>8</b>		<b>Lifestyle</b>	No suitable indicator. To be skipped	
<b>9</b>		<b>Local engagement</b>		
	<a href="#">9.1</a>	Relative turn-out at local		

		elections		
<b>10</b>		<b>Recreation/attractions for citizens</b>		
	<a href="#">10.1</a>	Relative share of land being recreation or natural resorts	No data NL found	FdJ, HV. Check availability regional data in NL
	<a href="#">10.2</a>	Relative share of land used for agriculture	Relevant? To be skipped	
<b>11</b>		<b>Regional identity</b>	No suitable indicator. To be skipped	
<b>12</b>		<b>Social institutions in rural areas</b>		
	<a href="#">12.1</a>	Relative number of hospital beds	Not considered relevant. To be skipped	
<b>13</b>		<b>Welfare</b>		
	<a href="#">13.1</a>	Relative Gross Domestic Product per capita		
	<a href="#">13.2</a>	Relative share of households on low income		
	<a href="#">13.3</a>	Growth in share of households on low income		
		<b>ECONOMIC</b>		
<b>14</b>		<b>Economic resilience</b>		
	<a href="#">14.1</a>	Relative share of value added from primary sector	Primary sector not the most relevant. Change into "relative share of value added"	
	<a href="#">14.2</a>	Relative share of employment from primary sector	Skip	
	<a href="#">14.3</a>	Growth in primary sector employment	Skip	
	<a href="#">14.4</a>	Relative share of R&D expenditure		
<b>15</b>		<b>Harbour</b>		
	<a href="#">15.1</a>	Level of specialisation - goods vs passengers		
	<a href="#">15.2</a>	Level of specialisation - within goods transport		
<b>16</b>		<b>Infrastructure</b>		
	<a href="#">16.1</a>	Relative length of motorway network		
	<a href="#">16.2</a>	Relative length of other road network		
<b>17</b>		<b>Energy</b>		
	<a href="#">17.1</a>	Electricity generation - shannon diversity index	For energy only national data available. Not a region-specific theme. Propose to WSF to skip this objective	
	<a href="#">17.2</a>	Growth in electricity generation per capita		
	<a href="#">17.3</a>	Share of renewables in electricity generation		
<b>18</b>		<b>Rural development</b>		
	<a href="#">18.1</a>	Settlements of people	Relevant would be the net import/export data	All: check availability population and employment data at

				municipality level
	<a href="#">18.2</a>	Settlements of businesses		All: Check availability of data at municipality level
	<a href="#">18.3</a>	Diversification of income-generating activities		
<b>19</b>		<b>Sea traffic</b>		
	<a href="#">19.1</a>	Growth in passenger transport		
	<a href="#">19.2</a>	Growth in goods transport		
<b>20</b>		<b>Tourism</b>		
	<a href="#">20.1</a>	Growth in number of nights spent in hotels and similar establishments		
		<b>ECOLOGIC</b>		
<b>21</b>		<b>Biodiversity</b>	Not enough objectives for dimension ecology.	FdJ: To find/propose proper indicators and aggregation method
	<a href="#">21.1</a>	Number and reproductive success of breeding birds	New objectives:	
	<a href="#">21.2</a>	Number of staging water birds	- Breeding Birds Wadden Sea - Migratory Birds Wadden Sea	
	<a href="#">21.3</a>	Populations of marine mammals	- Mammals Wadden Sea - Meadow Birds Wadden Sea Region	
	<a href="#">21.4</a>	Occurrence of eelgrass		
<b>22</b>		<b>Contamination / pollution</b>	Not enough objectives for dimension ecology.	FdJ: To find/propose proper indicators and aggregation method
	<a href="#">22.1</a>	Metal loads in sediments	New objectives:	
	<a href="#">22.2</a>	Concentration of nutrients in water	- Water quality Wadden Sea - Contamination bird eggs	
	<a href="#">22.3</a>	Contaminants in birds' eggs	- Air quality	
<b>23</b>		<b>Darkness and silence</b>	No suitable indicator. To be skipped	
<b>24</b>		<b>Global responsibility</b>	No suitable indicator. To be skipped	
<b>25</b>		<b>Wadden Sea</b>	No suitable indicator. To be skipped	