Data & Information Services

The meeting is invited to review the completed reporting template for Data & Information Services (the same format will also be used by ACOM, SCIOM, and the Secretariat to report to Council on progress of implementation of the ICES Strategic Plan, 2014-2018 after year 1.

The ICES Strategic Plan (2014 2018) - Implementation - Linking Science, Advice, Data and Information and Secretariat

The Data and Information Services Picture after 9 months - A first look at Performance - A Qualitative Approach

OVERVIEW - % of Actions in each Score Category   *(Version 1 @ 6/10/14)*

SCORE	Regional Facilitation N = 8 Detailed Actions	International Standards and Interoperability N = 2 Detailed Actions	Knowledge Transfer and Professional Development N = 3 Detailed Actions	Data Stewardship and Data Management N = 6 Detailed Actions
1	25%	50%	0%	0%
2	0%	0%	0%	0%
3	38%	0%	0%	20%
4	25%	50%	50%	20%
5	13%	0%	50%	60%

SCORE	
1	Not Started
2	Just Started
3	Some Progress
4	Good Progress
5	Doing Well

GOAL 4 - Promote the advancement of data and information services for science and advice needs

GOAL 5 - Catalyse best practice in marine data management and promote the ICES data nodes as a global resource

Supporting Activities (SA) of Data and Information Services to achieve Goals 4 and 5

1. Promoting the advancement of data and information services for science and advice needs at both regional and sub regional level
such as providing operational products for marine spatial planning, the Data Collection Framework and for the Marine Strategy
Framework Directive.

2. Gearing up for new areas of dataset collections, such as new datasets for integrated ecosystem, monitoring, including marine
litter and anthropogenic moise in the marine environment.

3. Ensuring the use of international standards/interoperability to enable the use and application of ICES datasets, products and services
to an expanded international user base, and to provide tools and knowledge to facilitate that use.

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DIS	Headline Action	Detail of Headline Action	Supporting Activity	Gut Feeling	PI
Regional Facilitation	Regional operational products for MSFD and the DCF	MSFD workflow: Collaboration between ICES Data Center and Regional Sea Conventions / other organisations with respect to MSFD (WISE-Marine Production Process). This assumes a good flow of data data harvesting into the data center and this and this can imply more resources in certain data types where data are not readily provided.	1	4	
		Leading to a joint MSFD data flow vision paper. Also depends on WISE-Marine. Secretariat Plan	1	3	
		New processes/products from existing data within Advisory and Science Groups with respect to MSFD: calculations for indicators. Needed: data selections, algorithms, calculation examples. Challenge: Who is going to decide on the final calculations and selections?. Workshop on MSFD related DC-MAP indicators Refer to table (MSFD table of ICES data/EG's and their operational product linkage).	1	4	
		Data requirements with regard to multispecies assessments (input for assessments). Currently ispecies assessments are applied ine.g. the Baltic but insufficient spatial data products are available. Bal;tic, other areas (Action Plan to be created). Needed: clear data request (unless no data are available)	1	1	
		Data requirements for e.g. one species from all fish surveys (WGEF, WGNEW); search facility over all	1	5	
	End to End Workflow for Scientific Advice Production	CARA linking to data outputs from Expert Groups (connecting the scientific reports to the advice production)	1	3	
		CARA linking to data outputs from RDB - Fish Frame.	1	N/A	
	Mobilizing Aquaculture Specfic Data	Aquaculture Database: exact description to be decided. Related to WGAQUA.	1	1	
	Mobilizing Arctic Specific Data	In co-operation with AMAP, getting data from small Arctic research institutes. Implementing data formatting tool.	1	3	

SCORE

1	Not Started
2	Just Started
3	Some Progress
4	Good Progress
5	Doing Well

%

1	25%
2	0%
3	38%
4	25%
5	13%

N = 8 Detailed Actions

GOAL 4 - Promote the advancement of data and information services for science and advice needs
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Supporting Activities (SA) of Data and Information Services to achieve Goals 4 and 5
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DIS	Headline Action	Detail of Headline Action	Supporting Activity	Gut Feeling	PI
International Standards and Interoperability	Ensuring INSPIRE readiness for ICES managed datasets / data services	Describe and make available all ICES / ICES Expert Group managed datasets, data products or services through ISO/INSPIRE standards to allow their discovery and reuse by other expert groups, processes and member country activities.	**1, 3**	4	
%	Encouraging the broader use of ICES datasets by implemen- ting IODE quality flaggig schema	Building on the quality control database that is in the process of being populated and then exposing to online users in a digestible way to make the linkage between type of data type(s) of QC performed and the QC flags applied to the data.	**1, 3**	1	

SCORE

1	Not Started
2	Just Started
3	Some Progress
4	Good Progress
5	Doing Well

	%
1	50%
2	0%
3	0%
4	50%
5	0%

N = 2 Detailed Actions

GOAL 4 - Promote the advancement of data and information services for science and advice needs
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DIS	Headline Action	Detail of Headline Action	Supporting Activity	Gut Feeling	PI
Knowledge Transfer and Professional Development	Input to Key Data Symposia and Science Meetings	Data theme sessions (ASC, IMDIS, etc.); Annual theme sessions proposal ASC by DIG	3	4	
	Training and Reference Guides for Scientists and Data Managers	ICES training courses: " Making the most of ICES Data " modular, Webinars ?	3	N/A	
		Online materials and guidance: WKIDG in 2014	3	5	

SCORE

1	Not Started
2	Just Started
3	Some Progress
4	Good Progress
5	Doing Well

	%
1	0%
2	0%
3	0%
4	50%
5	50%

N = 3 Detailed Actions

GOAL 4 - Promote the advancement of data and information services for science and advice needs

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DIS	Headline Action	Detail of Headline Action	Supporting Activity	Gut Feeling	PI
Data Stewardship and Data Management	Data mining and data recovery; identifying and making available data ses that are relevant to the marine community	Benthic historical data recovery. Plan ready. No time frame. Connected to BEWG, DGMARE (DC-MAP) related, perhaps EMODnet biology?	3	3	
		Legacy data: data that are in other systems, but not available to the wider world. Linking to other data archives i.e. through metadata	3	4	
		Other historical data	3	N/A	
	Ensduring ICES data are citable in the digital age and therefore making the datasets easier to discover	Digital data citation and publication: ensuring ICES data are citable in the digital age and ensuring contributing data sources are duly credited, as well as guiding the ICES Member Countries on how to approach digital citation.	3	5	
	Maintaining the user rights, security and integrity of the data sources to ICES managed datasets	Data Policy - facilitation of rights issues	3	5	
		Data security and implications if data portfoliochanges in nature (i.e. VMS, VME etc).	3	5	

SCORE

1	Not Started
2	Just Started
3	Some Progress
4	Good Progress
5	Doing Well

%

1	0%
2	0%
3	20%
4	20%
5	60%

N = 6 Detailed Actions

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