Food and Agriculture
Organization of the
United Nations

Indian Ocean Tuna Commission
Commission des Thons de l'Ocean Indien

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COMMON OCEANS

CAPE TOWN, 25-27 OCTOBER 2017

E-MARIS VALIDATION WORKSHOP

CONTEXT, OBJECTIVE AND METHODOLOGY

CONTEXT

▸ The global aim of the e-MARIS project is to replace the current manual process with a web-based centralized system that would allow CPCs to declare their information and help the IOTC Secretariat in assessing the Compliance Status of each CPC.

CONTEXT: METHODOLOGY FOR THE STUDY

▸ Briefing at IOTC Secretariat to discuss project objectives and agree with the IOTC on the methodology and the work plan for the assignment

▸ Collect all relevant background information and documents

▸ Assess the existing information, data management systems and procedures in place at IOTC

▸ Assess the existing information, data management system in other RFMOs related to web-based application for reporting purposes

CONTEXT: TRFMOS FISHERIES INFORMATION REQUIREMENTS

▸ Information collected both during the e-MARIS project (IOTC, 2016) and the FORS project (ICCAT, 2017)

▸ Same methodology:

  ▸ compile a list of requirements, forms, templates etc.

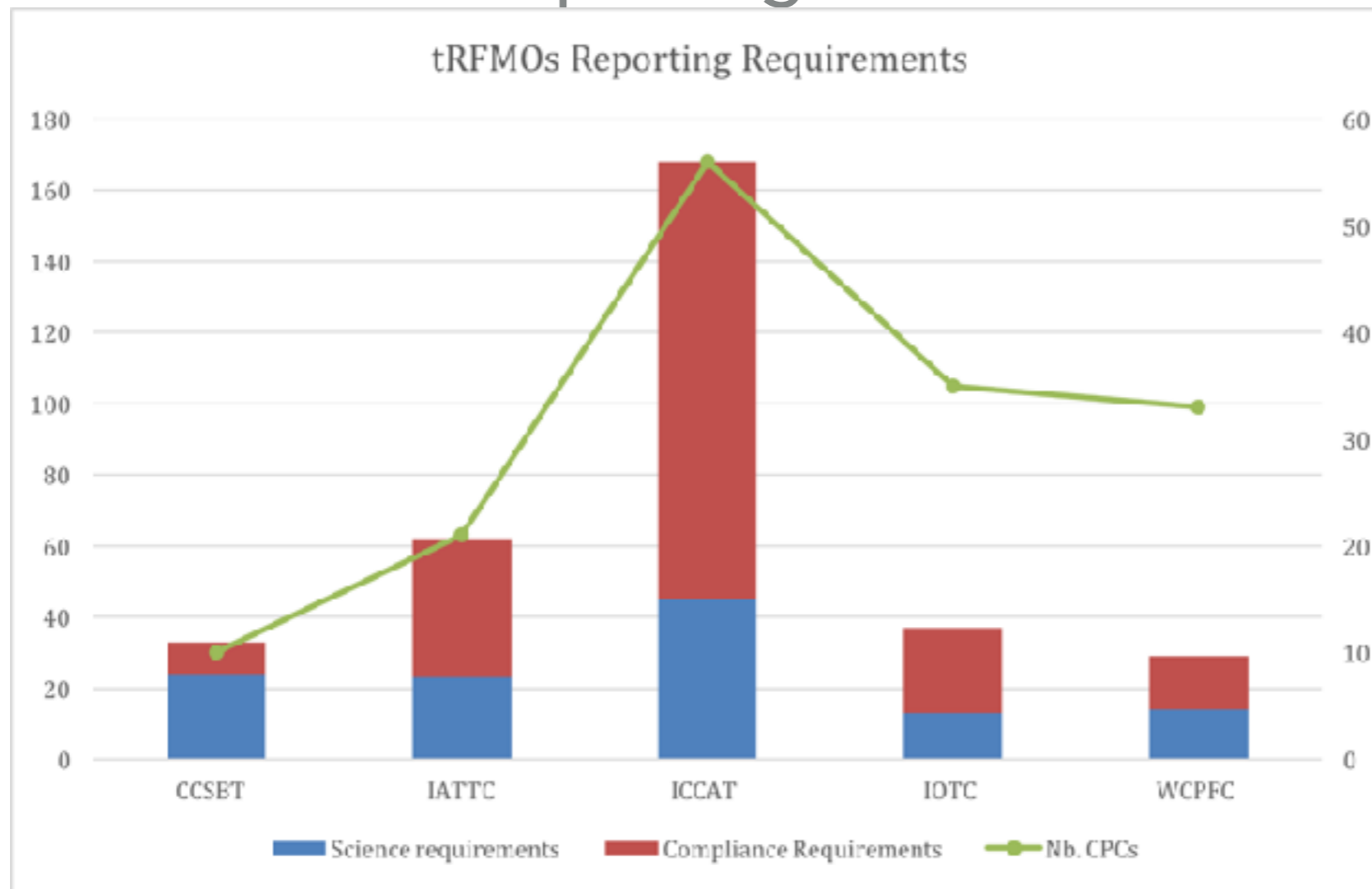 ▸ send a questionnaire to each tRFMO about their processes, systems, etc.

CONTEXT: TRFMOS FISHERIES INFORMATION REQUIREMENTS

▸ Quantitative summary of all tRFMOs Reporting
Requirements and Reporting Formats

	CCSBT	IATTC	ICCAT	IOTC	WCPFC
Number of CPCs	*10*	*21*	*56*	*35*	*33*
Science requirements	24	23	45	13	14
Compliance Requirements	9	39	123	24	15
Total Requirements	**33**	**62**	**168**	**37**	**29**
tRFMO "creation"	*1994*	*1949*	*1969*	*1993*	*2004*
Forms (active)	13	0	42	23	-
Report Templates	3	1	1	9	1
Total Forms & Templates	**14**	**1**	**43**	**32**	**1**

CONTEXT: TRFMOS FISHERIES INFORMATION REQUIREMENTS

▸ Quantitative summary of all tRFMOs Reporting Requirements and Reporting Formats

CONTEXT: TRFMOS FISHERIES PROCESSES

▸ Methodology:

▸ Standard questionnaire sent to each tRFMO

▸ Answers gathered and analysed for each tRFMO

▸ Summary review produced for all tRFMOs

CONTEXT: TRFMOS FISHERIES PROCESSES

▸ All tRFMOs request the same high-level types of information from their CPCs.

▸ The schedules for data and information requests of CPCs are similar between all tRFMOs.

▸ All tRFMOs request information on the implementation of their regulations.

▸ Data reporting processes are mostly similar between all tRFMOs ; no tRFMO has implemented an online, automated system to handle data requests, submission and processing, but 3 of them are actively pursuing the development of such a system.

▸ Facts reporting processes are mostly similar between all tRFMOs ; one tRFMO has implemented an online, automated system to handle facts requests and submission and processing, but 2 of them are actively pursuing the development of such a system.

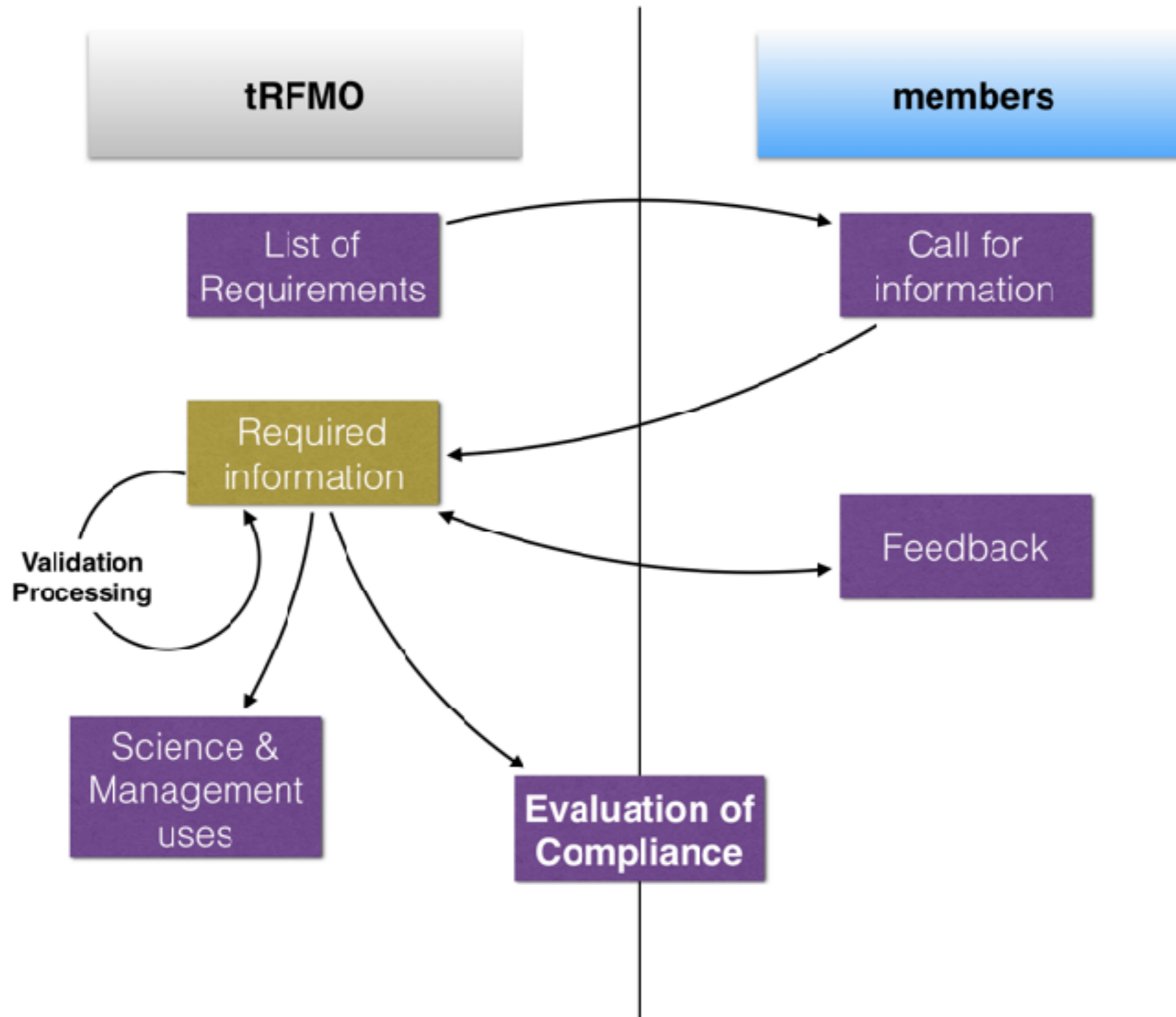▸ Processes for evaluating compliance of CPCs are mostly similar between all tRFMOs.

CONTEXT: TRFMOS FISHERIES PROCESSES

▸ 1.   A list of requirements with deadlines and guidelines is established

▸ 2.   A call for information submission is done, with reminders

▸ 3.   CPCs submit their information

▸ An evaluation of submitted information is performed by the tRFMO Secretariat

▸ A feedback loop takes place, if needed

CONTEXT: TRFMOS FISHERIES PROCESSES

▸ 4.   Submitted information is processed, stored, utilized, etc.

  ▸ Data : a mix of automated and manual processes are applied for loading in databases

  ▸ Facts: they are mostly processed by human analysis (reading, review, summarizing, etc.)

▸ 5.   An evaluation of compliance is made by the tRFMO's Secretariat and/or any relevant tRFMO subsidiary body (Scientific Committee, Committee on Compliance, etc.)

  ▸ The tRFMO reports on the Compliance status through various "products"

CONTEXT: TRFMOS FISHERIES PROCESSES

CONTEXT: TRFMOS FISHERIES REQUIREMENTS & PROCESSES

▸ There a case to be made for the elaboration of specifications for a Fisheries Online Reporting System that could answer the needs of the 5 tRFMOs. This would have several benefits:

  ▸ Facilitate the development of such a system within each tRFMO, as the specifications, code, manuals etc. could be shared and reused as needed, with adaptations tailored to each tRFMO specific needs.

  ▸ Reduce costs, both in terms of budget and time, related to the development of such a system.

  ▸ Facilitate reporting by CPCs, as they would use tools that are similar between all the tRFMOs.

  ▸ Facilitate exchange of information between the tRFMOs.

OBJECTIVE OF THE WORKSHOP

▸ Presentation of the technical specifications of e-MARIS

▸ Discussion of the specifications

▸ Gathering of CPC feedback

▸ Production of validated specifications

WORKSHOP METHODOLOGY

▸ e-MARIS is divided in **modules**

▸ each module contains a number of **features**

▸ each 1/2 day session will focus on a module or part of a module:

  ▸ 30' **presentation**

  ▸ 45' **discussion in small groups**

  ▸ 15' **wrap up session** to gather comments

WORKSHOP METHODOLOGY

▸ At the end of the workshop:

  ▸ Summary of CPC feedback for each session

  ▸ Final discussion on e-MARIS as a whole

  ▸ Adoption of a set of Workshop Recommendations