

Agenda. 18-08.2 CBMS update

CB Management System Update^①

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18th Capacity Building Sub-Committee Meeting, Online, 2-3 June 2020



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II. Main Improvements

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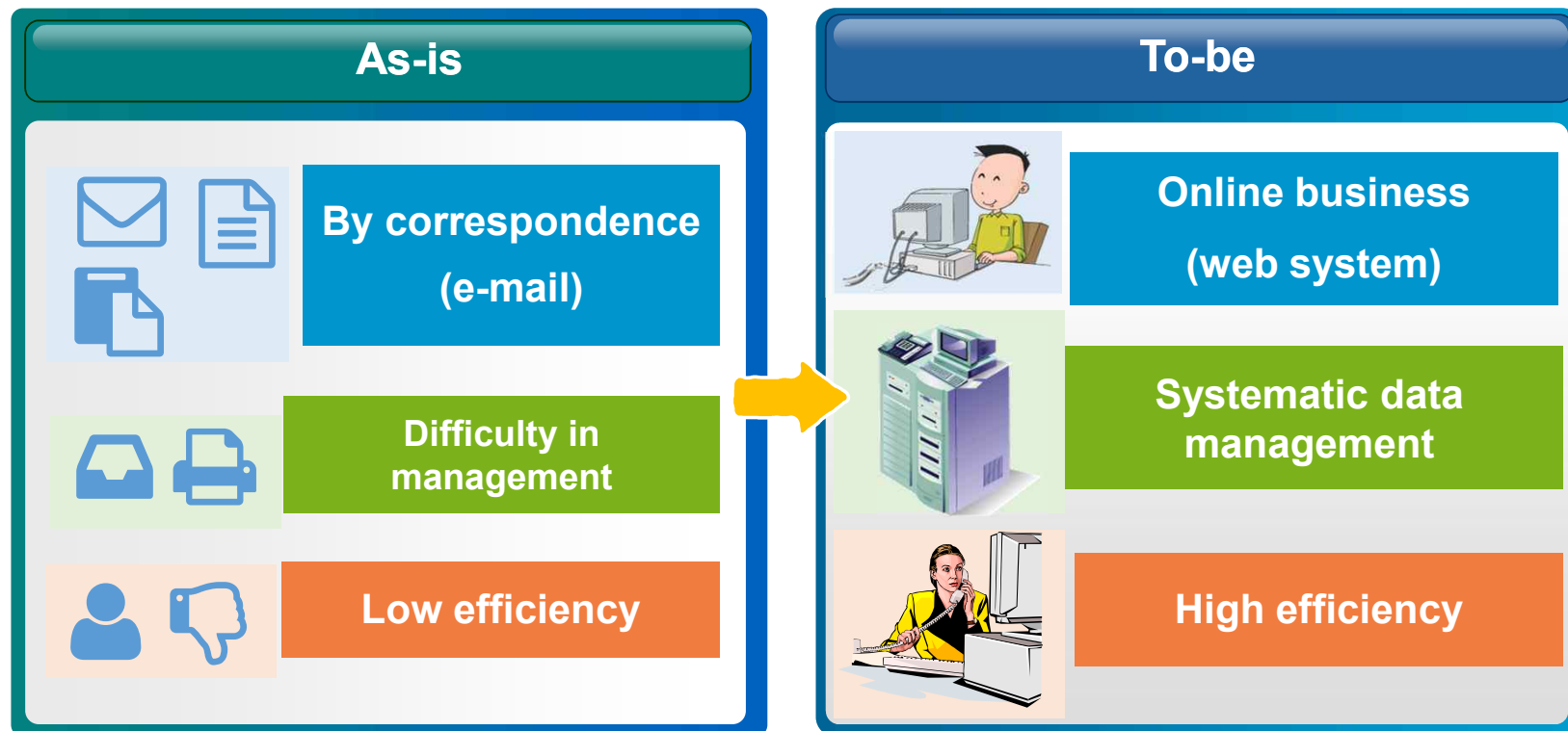
III. System Applied to Work for Testing

V . Future Plan & Actions Required

What is CBMS?

I . Overview of CBMS

- + A system for managing CB activities which had been previously done through emails and documents

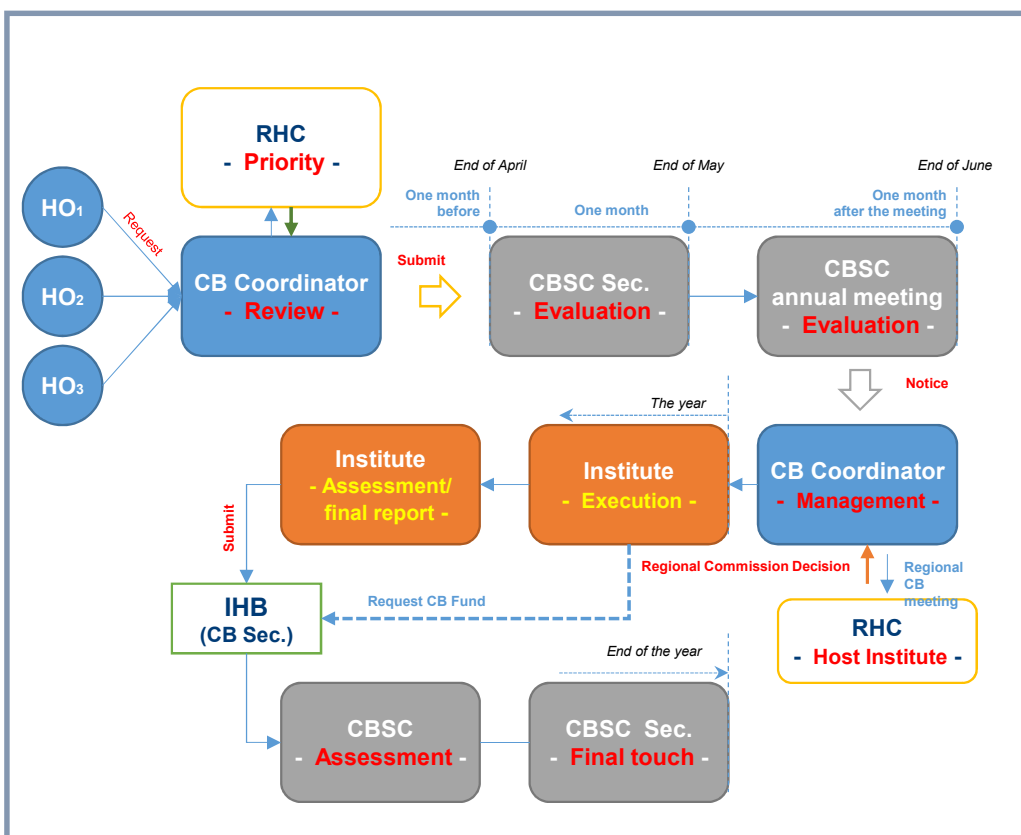


- Prototype CBMS was developed between 2015 and 2017 by KHOA & IHO Sec.
- System applied to work for testing; ccontinuous update to reflect improvements (up until now)

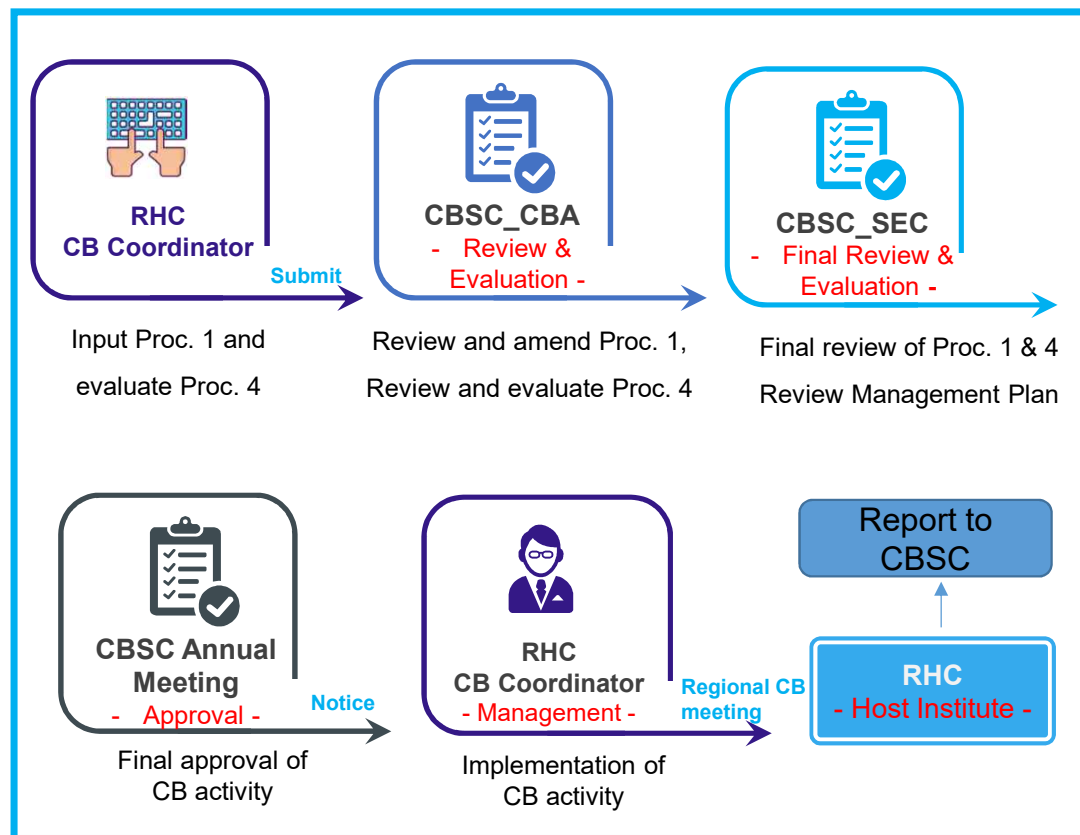
Features of CBMS

II. Main Improvements

Existing CBSC CB Procedure By correspondence

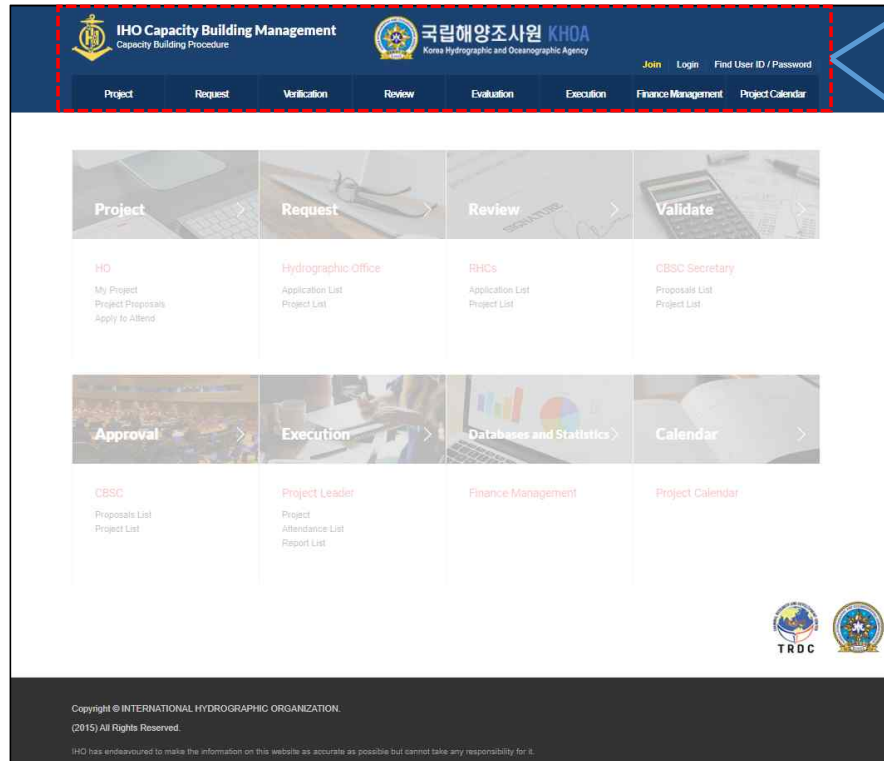


Improved procedure with CBMS Online method

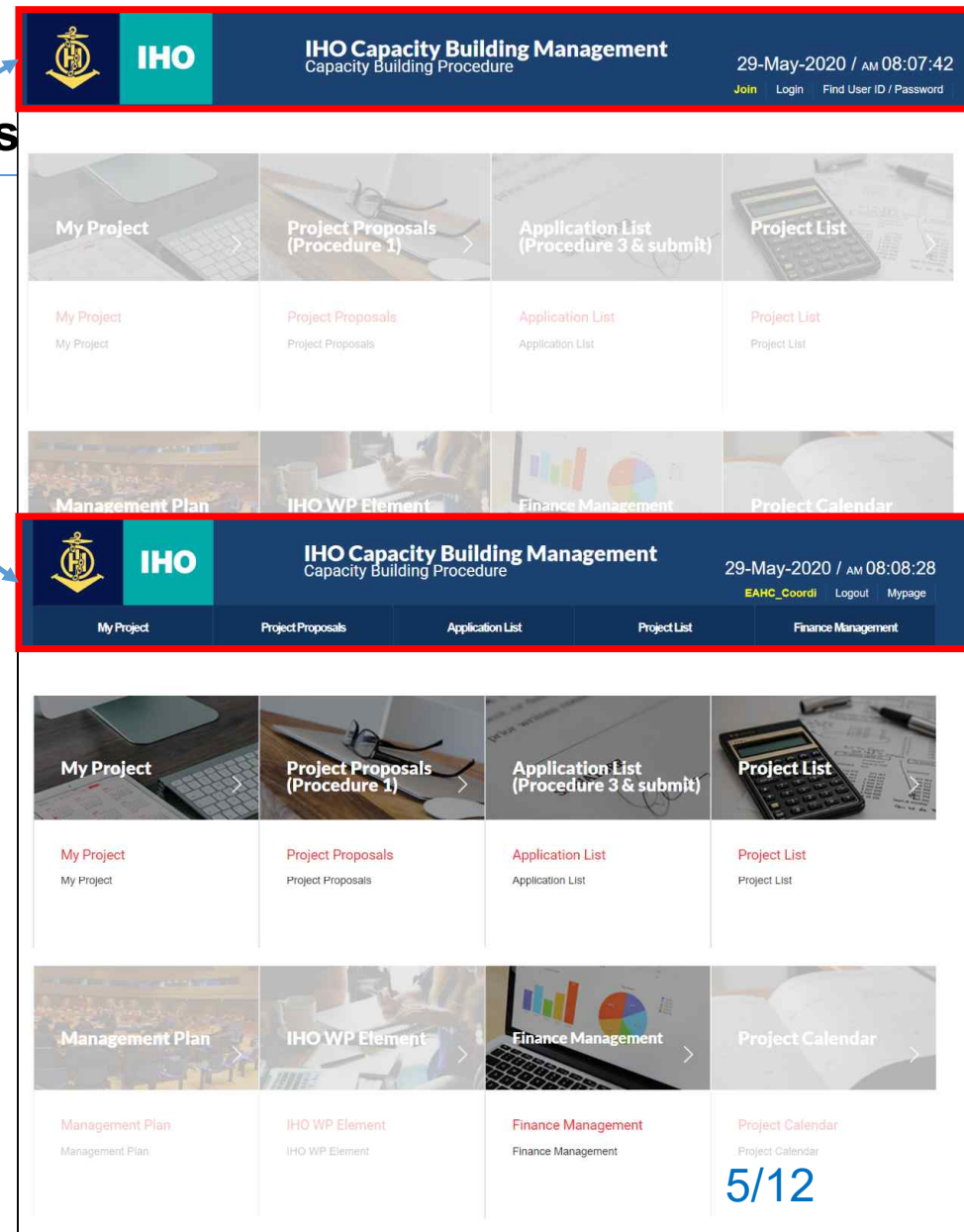


Simplified Home Page

II. Main Improvements



+ Simplified the menu on the home page



Proc.1 Added Project Summary

IHO

IHO Capacity Building Management
 Capacity Building Procedure

29-May-2020 / AM 08:11:54
 CBSC_CBA Logout Mypage

Application List

Project List

Management Plan

IHO WP Element

Finance Management

Proposals List

Initial Application List > Total: 77

Year (All) CBSC Status 10 Show

General Object / Benefits

No	Region	Country	Project Name	CB Phases	Year	Day	Total / Last total	Status	Score (RHC / CBSC)
121	EAHC	JP	Regional hydrographic training course in Cambodia	Awareness & Assessment	2021	4	5,720 €	Validated	28 [26]
117	SWPHC	AU	MSI Regional Workshop (SWPHC2020-02)	Phase 2	2021	4	34,400 €	Validated	42 [1]
115	SWAHC	AR	Multibeam Data Processing and bathymetry database Workshop	Phase 1	2021	5	20,400 €	Validated	23 [30]
111	MAHC	GB	Seminar on Raising Awareness of Hydrography (for MAHC Associate and Non-Members)	Awareness & Assessment	2021	6	35,000 €	Validated	30 [40]
107	EAHC	FR	High level and Technical visit to Senegal (former CBWP2020 A-08)	Phase 1	2021	3	5,000 €	Validated	36 [4]
104	NIHC	IN	MSI COURSE (Former 2020 CBWP P-08)	Phase 1	2021	3	22,120 €	Validated	36 [6]
103	SADHC	ZA	MSI COURSE (Former 2020 CBWP P-37)	Phase 1	2021	3	20,580 €	Validated	36 [5]
96	SEPHC	CO	(€ 15,000) Hotels, flights and transportation for the other SWAHC countries participants (up to 2 participants from each country in on CARIS users, for them to be introduced to this kind of solution).	Phase 1	2020	5	22,820 €	Validated	25 [43]
78	RSWHC	IR	Technical Visit to Iran (Islamic Republic of)	Phase 1	2020	3	4,000 €	Validated	35 [17]
66	MBSHC	TR	Workshop on S-100, S-10X Products & E-Navigation	Phase 3	2020	5	28,300 €	Validated	20 [47]

< 1 2 3 4 5 6 7 8 >

Submit to CBSC Secretary

IHO

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Application List

Project List

Management Plan

IHO WP Element

Finance Management

Proposals List

Initial Application List > Total: 77

Year (All) CBSC Status 20 Show

General Object / Benefits

No	Region	Country	Project Name	CB Phases	Year	Day	Total / Last total	Status	Score (RHC / CBSC)
121	EAHC	JP	Regional hydrographic training course in Cambodia	Awareness & Assessment	2021	4	5,720 €	Validated	28 [26]
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78	RSWHC	IR	Technical Visit to Iran (Islamic Republic of)	Phase 1	2020	3	4,000 €	Validated	35 [17]
66	MBSHC	TR	Workshop on S-100, S-10X Products & E-Navigation	Phase 3	2020	5	28,300 €	Validated	20 [47]
120	EAHC	KR	Hydrographic Data Management to Support Disaster Relief	Awareness & Assessment	2021	5	22,280 €	Validated	32 [16]
95	SWAHC	UY	ENC PRODUCTION AND QA	Phase 3	2020	5	18,000 €	Validated	26 [42]
90	SWPHC	AU	Papua New Guinea National Hydrographic Capability Development – Training in Total Information Management (SWPHC 2019-04)	Phase 2	2020	5	4,300 €	Validated	39 [8]
86	SEPHC	CO	Workshop "Update coastline for Nautical Cartography through the use of unmanned aerial vehicles"	Phase 2	2020	5	29,490 €	Validated	31 [25]
83	SADHC	NO	Technical Visit to Madagascar	Phase 1	2020	2	5,000 €	Validated	32 [22]
77	MAHC	GB	MBS Processing	Phase 1	2020	5	27,600 €	Validated	23 [46]
72	RSWHC	IR	Basic ENC and ENC Production course	Phase 1	2020	5	32,050 €	Validated	27 [41]
70	NIHC	IN	MSI and Database Management	Phase 1	2020	5	44,560 €	Validated	29 [25]
63	EAHC	FR	Technical visit to Congo	Phase 1	2020	2	5,000 €	Validated	37 [11]

< 1 2 3 4 >

IHO

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 Capacity Building Procedure

29-May-2020 / AM 08:18:08
 CBSC_CBA Logout Mypage

Application List

Project List

Management Plan

IHO WP Element

Finance Management

Proposals List

Initial Application List > Total: 77

Year (All) CBSC Status 10 Show

General Object / Benefits

No	Region	Country	Project Name	General Object	Benefits
121	EAHC	JP	Regional hydrographic training course in Cambodia	Raise awareness among the Cambodia authorities of the hydrographic challenges and the importance of strengthening of hydrographic capacities to enhance the capacity of Cambodia to provide hydrographic and cartographic services and products.	To encourage Cambodia to join the IHO and the EAHC.
117	SWPHC	AU	MSI Regional Workshop (SWPHC2020-02)	To build institutional knowledge, commitment and capability to deliver MSI for the region that will improve maritime safety and increase maritime domain awareness.	1. Effective and enduring MSI input to NAVAREA X, XI and XIV Coordinators 2. Lasting contact between SWP Island States, NAVAREA Coordinators and Primary Charting Authorities for the region.
115	SWAHC	AR	Multibeam Data Processing and bathymetry database Workshop	Increase the knowledge and skills to process multibeam information and incorporate them into a hydrographic database.	The training will benefit ENC production by providing high quality certified products and this will result in a greater safety of navigation. Besides it is expected to comply with IHO S-44, S-100 and S-102 standards on bathymetric data.
111	MAHC	GB	Seminar on Raising Awareness of Hydrography (for MAHC Associate and Non-Members)	The Seminar will assist countries on understanding their national obligations and provide an opportunity to build working relationships with the IHO, IMO and IALA noting that most MAHC Countries are IMO Members but not all are IHO Members.	Increased membership of the IHO. A greater awareness of the roles and responsibilities of coastal states and increased active participation in the region.
107	EAHC	FR	High level and Technical visit to Senegal (former CBWP2020 A-08)	Raise awareness among the Senegalese authorities of the hydrographic challenges (safety of navigation, littoral erosion, "blue economy" in general) and support the emergence of an hydrographic service with national competence on the basis of the hydrographic and cartographic service of the port of Dakar. Support the strengthening of the technical hydrographic capacities of the port of Dakar.	Involve Senegal more closely in the commission (membership, more active role) Promote national hydrographic services to meet national and international obligations.
104	NIHC	IN	MSI COURSE (Former 2020 CBWP P-08)	To establish capacity in MSI so that Maritime Authorities can provide high quality services to comply with the basic requirements for safety of navigation in the area.	Improving maritime safety and compliance with SOLAS.
103	SADHC	ZA	MSI COURSE (Former 2020 CBWP P-37)	To establish capacity in MSI so that Maritime Authorities can provide high quality services to comply with the basic requirements for safety of navigation in the area.	Improving maritime safety and compliance with SOLAS.

1 Select the number of proposals to show in one page (10, 20, 50)

2 Check the proposed and approved costs at the same time

3 Added columns for viewing project summary

Enhanced convenience for users


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[Project Proposals](#)
[Application List](#)
[Project List](#)
[Finance Management](#)

CAPACITY BUILDING SUB-COMMITTEE PROCEDURE 1 (Part 2)

IDENTIFICATION

RHC/IHO	<input type="radio"/> RHC <input type="radio"/> IHO
Project Name	<input type="text" value="Project name is up to 200 characters long."/>
CB Phases	<input type="radio"/> Awareness & Assessment <input type="radio"/> Phase 1 <input type="radio"/> Phase 2 <input type="radio"/> Phase 3
Event Year	2020 <input type="text" value="Conduct hydrographic surveys, data gathering and processing"/>
Days of event	<input type="text" value="Day(s)"/>
Submitting RHC	EAHC
Date of Submission	<input type="text"/>
Institution executing the project	<input type="text" value="Institution executing the project is up to 200 characters long."/>
Name of responsible	<input type="text" value="Name of responsible is up to 200 characters long."/>
Address	<input type="text" value="address is up to 200 characters long."/>
Telephone :	Afghanistan [+93] <input type="text" value="Telephone is up to 20 characters long."/>
Fax :	Afghanistan [+93] <input type="text" value="Fax is up to 20 characters long."/>
e-mail	<input type="text" value="e-mail is up to 200 characters long."/>

GENERAL SPECIFICATIONS

Background information	<input type="text"/>
Justification of the project	<input type="text"/>
Countries involved	<input type="text"/>

Added explanations for each CB Phase


IHO

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 Capacity Building Procedure

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[Project List](#)
[Finance Management](#)

CAPACITY BUILDING SUB-COMMITTEE PROCEDURE 1 (Part 2)

IDENTIFICATION

RHC/IHO	<input type="radio"/> RHC <input type="radio"/> IHO
Project Name	<input type="text" value="Project name is up to 200 characters long."/>
CB Phases	<input type="radio"/> Awareness & Assessment <input type="radio"/> Phase 1 <input type="radio"/> Phase 2 <input type="radio"/> Phase 3
Event Year	2020 <input type="text"/>
Days of event	<input type="text" value="Day(s)"/>
Submitting RHC	EAHC
Date of Submission	<input type="text"/>
Institution executing the project	<input type="text" value="Institution executing the project is up to 200 characters long."/>
Name of responsible	<input type="text" value="Name of responsible is up to 200 characters long."/>
Address	<input type="text" value="address is up to 200 characters long."/>
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GENERAL SPECIFICATIONS

Background information	<input type="text"/>
Justification of the project	<input type="text"/>
Countries involved	<input type="text"/>

Select the date with a calendar and show today's date


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[Project List](#)
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CAPACITY BUILDING SUB-COMMITTEE PROCEDURE 1 (Part 2)

IDENTIFICATION

RHC/IHO	<input type="radio"/> RHC <input type="radio"/> IHO
Project Name	<input type="text" value="Project name is up to 200 characters long."/>
CB Phases	<input type="radio"/> Awareness & Assessment <input type="radio"/> Phase 1 <input type="radio"/> Phase 2 <input type="radio"/> Phase 3
Event Year	2020 <input type="text"/>
Days of event	<input type="text" value="Day(s)"/>
Submitting RHC	EAHC
Date of Submission	<input type="text"/>
Institution executing the project	<input type="text" value="Institution executing the project is up to 200 characters long."/>
Name of responsible	<input type="text" value="Name of responsible is up to 200 characters long."/>
Address	<input type="text" value="address is up to 200 characters long."/>
Telephone :	Afghanistan [+93] <input type="text" value="Telephone is up to 20 characters long."/>
Fax :	Afghanistan [+93] <input type="text" value="Fax is up to 20 characters long."/>
e-mail	<input type="text" value="e-mail is up to 200 characters long."/>

GENERAL SPECIFICATIONS

Background information	<input type="text"/>
Justification of the project	<input type="text"/>
Countries involved	<input type="text"/>

Country is automatically selected with country code

Download Management Plan


IHO

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 Capacity Building Procedure

29-May-2020 / AM 08:29:10
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Application List

Project List

Management Plan

IHO WP Element

Finance Management

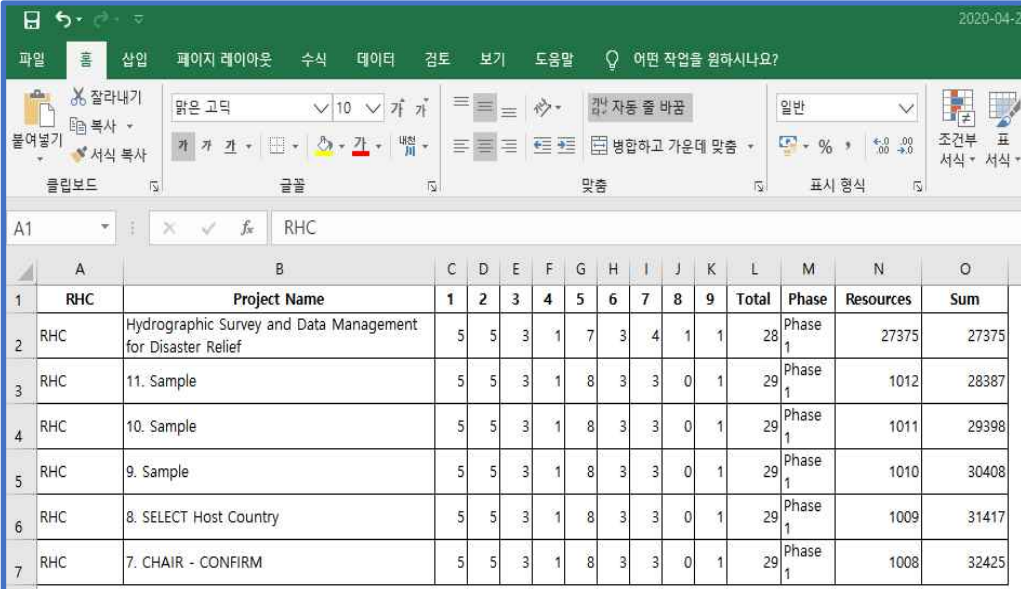
Management Plan

Management Plan > Total : 6

Year (All)
 Show

RHC	Project Name	1	2	3	4	5	6	7	8	9	Total	Phase	Resources	Sum
RHC	Hydrographic Survey and Data Management for Disaster Relief	5	5	3	1	7	3	4	1	1	28	Phase 1	27375	27375
RHC	11. Sample	5	5	3	1	8	3	3	0	1	29	Phase 1	1012	28387
RHC	10. Sample	5	5	3	1	8	3	3	0	1	29	Phase 1	1011	29398
RHC	9. Sample	5	5	3	1	8	3	3	0	1	29	Phase 1	1010	30408
RHC	8. SELECT Host Country	5	5	3	1	8	3	3	0	1	29	Phase 1	1009	31417
RHC	7. CHAIR - CONFIRM	5	5	3	1	8	3	3	0	1	29	Phase 1	1008	32425

Excel Download



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	RHC	Project Name	1	2	3	4	5	6	7	8	9	Total	Phase	Resources	Sum
2	RHC	Hydrographic Survey and Data Management for Disaster Relief	5	5	3	1	7	3	4	1	1	28	Phase 1	27375	27375
3	RHC	11. Sample	5	5	3	1	8	3	3	0	1	29	Phase 1	1012	28387
4	RHC	10. Sample	5	5	3	1	8	3	3	0	1	29	Phase 1	1011	29398
5	RHC	9. Sample	5	5	3	1	8	3	3	0	1	29	Phase 1	1010	30408
6	RHC	8. SELECT Host Country	5	5	3	1	8	3	3	0	1	29	Phase 1	1009	31417
7	RHC	7. CHAIR - CONFIRM	5	5	3	1	8	3	3	0	1	29	Phase 1	1008	32425

+ When “Excel Download” is clicked, Management Plan is downloaded as Procedure 4 format.

Download IHO WP Element

Application List	Project List	Management Plan	IHO WP Element	Finance Management
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IHO WP Element

IHO WP Element > Total : 6

Year (All) ▼ Show

Capacity Building Assessment - Technical and High-Level Visits						
No	Events	Responsible	Budget	Paid	Status	Resources
	Subtotal of A (Assessment)		0 €	0 €		

Capacity Building Provision - Technical Workshops, Seminars, Courses						
No	Events	Responsible	Budget	Paid	Status	Resources
	Hydrographic Survey and Data Management for Disaster Relief	EAHC	27375 €	0	1 ~ 10	EAHC
	11. Sample	EAHC	1012 €	0	1 ~ 10	EAHC
	10. Sample	EAHC	1011 €	0	1 ~ 10	EAHC
	9. Sample	EAHC	1010 €	0	1 ~ 10	EAHC
	8. SELECT Host Country	EAHC	1009 €	0	1 ~ 10	EAHC
	7. CHAIR - CONFIRM	EAHC	1008 €	0	1 ~ 10	EAHC
	Subtotal of A (Provision)		32,425 €	0 €		

Resources	Budget	Paid
Total	32,425 €	0 €
ROK	0 €	0 €
IHO	32,425 €	0 €

Excel Download

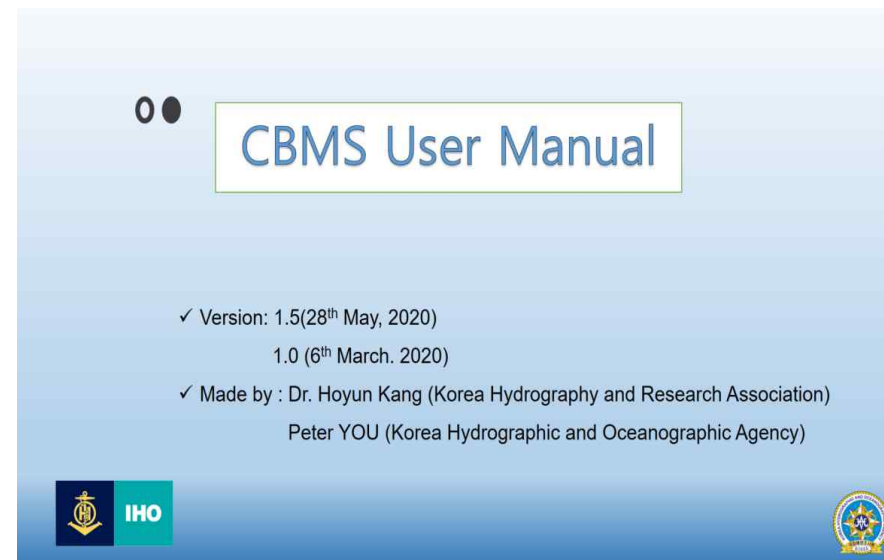
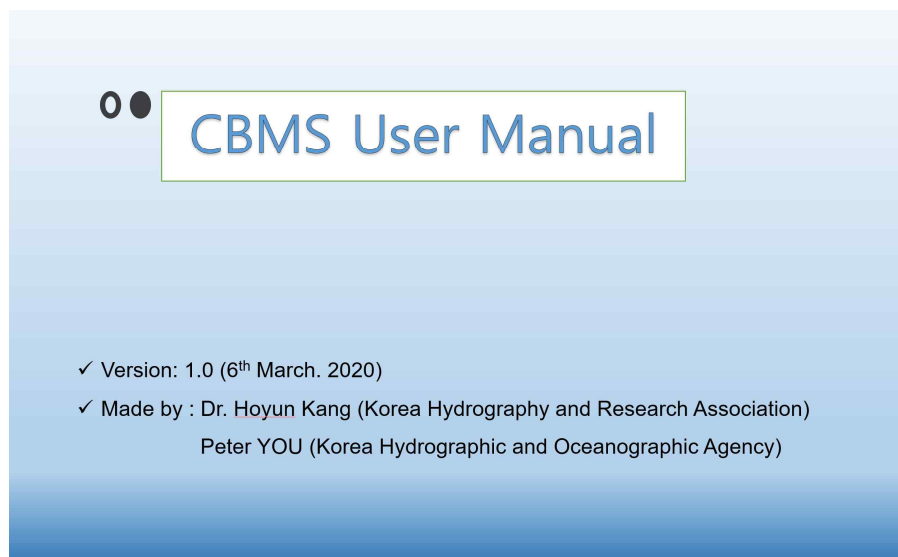
+ When “Excel Download” is clicked, WP Element is downloaded in excel format.

	A	B	C	D	E	F	G	H
1	Capacity Building Assessment - Technical and High-Level Visits							
2	No	Events	Responsible	Budget	Paid	Status	Resources	
3		Subtotal of A (Assessment)		0 €	0 €			
4	Capacity Building Provision - Technical Workshops, Seminars, Courses							
5	No	Events	Responsible	Budget	Paid	Status	Resources	
6		Hydrographic Survey and Data Management for Disaster Relief	EAHC	27,375 €	0	1 ~ 10	EAHC	
7		11. Sample	EAHC	1,012 €	0	1 ~ 10	EAHC	
8		10. Sample	EAHC	1,011 €	0	1 ~ 10	EAHC	
9		9. Sample	EAHC	1,010 €	0	1 ~ 10	EAHC	
10		8. SELECT Host Country	EAHC	1,009 €	0	1 ~ 10	EAHC	
11		7. CHAIR - CONFIRM	EAHC	1,008 €	0	1 ~ 10	EAHC	
12		Subtotal of A (Provision)		32,425 €	0 €			
13	Resources	Budget	Paid					
14	Total	32,425 €	0 €					
15	ROK	0 €	0 €					
16	IHO	32,425 €	0 €					
17								

Version - 1.0



Version - 1.5



The manual will be continuously updated and uploaded to the CBMS.

III. System Applied to Work for Testing

Tested 67 proposals submitted for 2020 and 2021



The screenshot displays the IHO Capacity Building Management system interface. The header includes the IHO logo, the system name "IHO Capacity Building Management", the subtitle "Capacity Building Procedure", and the date/time "29-May-2020 / AM 01:59:39". There are links for "CBSC_CBA", "Logout", and "Mypage". Below the header is a navigation bar with tabs: "Application List", "Project List", "Management Plan", "IHO WP Element", and "Finance Management". The main content area is titled "Proposals List" and shows a table of proposals. The table has columns for selection, No, Region, Country, Project Name, CB Phases, Year, Day, Total / Last total, Status, and Score (RHC / CBSC). Four proposals are listed, all with a "Validated" status.

<input type="checkbox"/>	No	Region	Country	Project Name	CB Phases	Year	Day	Total / Last total	Status	Score (RHC / CBSC)
<input checked="" type="checkbox"/>	121	EAHC	JP	Regional hydrographic training course in Cambodia	Awareness & Assessment	2021	4	5,720 € -	Validated	28 [26] -
<input type="checkbox"/>	117	SWPHC	AU	MSI Regional Workshop (SWPHC2020-02)	Phase 2	2021	4	34,400 € -	Validated	42 [1] 42 [1]
<input checked="" type="checkbox"/>	115	SWATHC	AR	Multibeam Data Processing and bathymetry database Workshop	Phase 1	2021	5	20,400 € -	Validated	23 [30] -
<input checked="" type="checkbox"/>	111	MACHC	GB	Seminar on Raising Awareness of Hydrography (for MACHC Associates and Non-Members)	Awareness & Assessment	2021	6	33,000 € -	Validated	30 [20] -



It is concluded that the CBMS is now **available** for **receiving submissions** from all RHCs.

V . Future Plan & Actions Required

Develop additional functions

Manage reports of CB activities implemented by RHCs; create a space for sharing CB achievements and training material

Improve convenience for CB Coordinators

Automatic input of repeated information; improve convenience for users

Management Plan

Request comments from IHO Sec; improve CB Management function

Continuous maintenance

KHOA will provide continuous maintenance support to run the CBMS stably

Actions Required

- 1. CB Coordinators to use the CBMS themselves and provide feedback.**
- 2. Decide to use the CBMS for submissions from CBSC-19 (2021).**