

Report from the WMO-IOC Joint Collaborative Board

(Presented to the WMO CD Panel, September 2021)



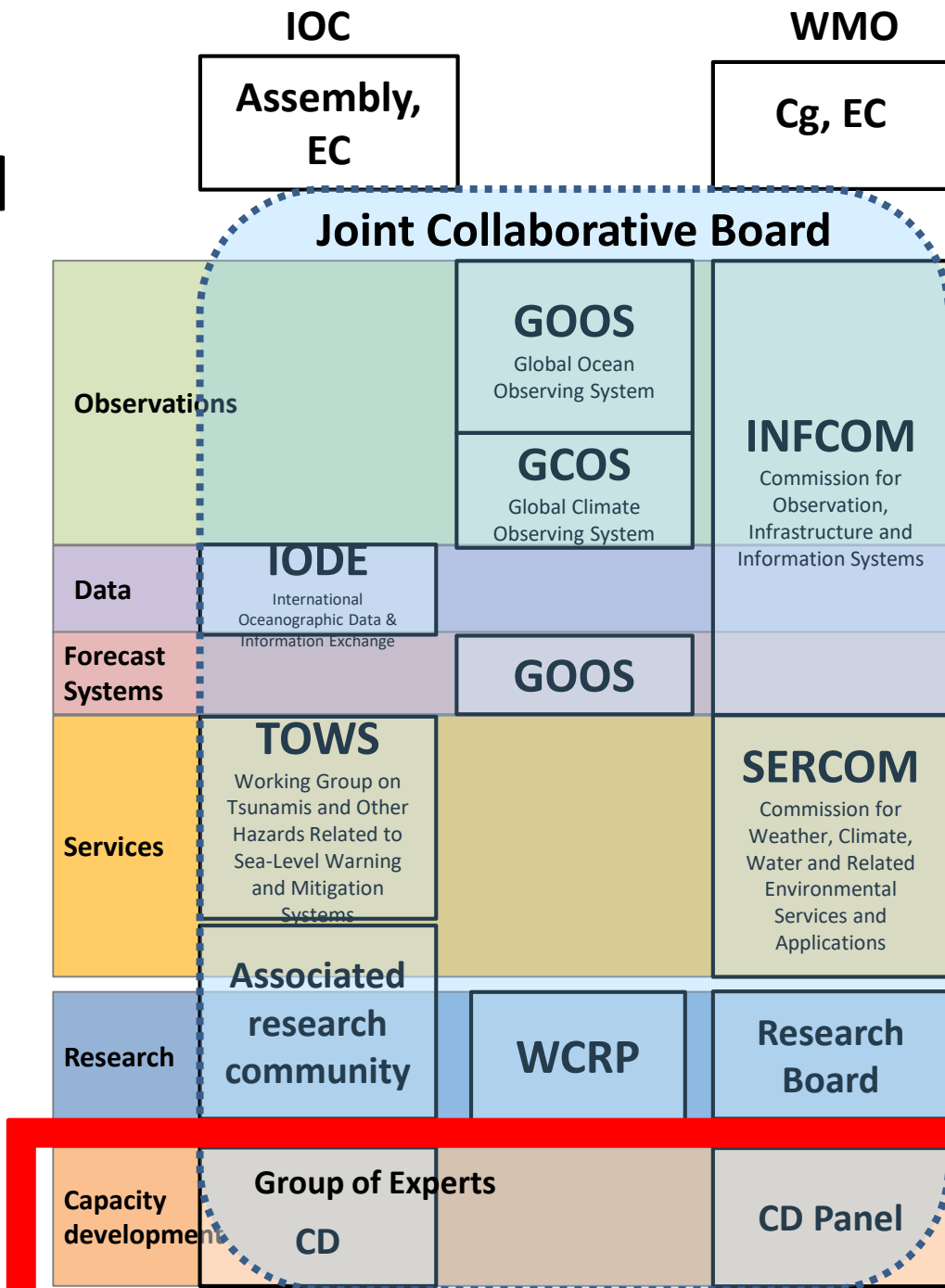
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World Meteorological Organization
Organisation météorologique mondiale

JCB Member for Capacity Development
Mr Omar Chafki
PR, Morocco

WMO-IOC Joint Collaborative Board (JCB)

- Maximize opportunities to co-design joint work to improve the provision of information and services for societal benefit
- Suggest initiatives to improve end-to-end links; enhance connections with research
- Influence how WMO and IOC jointly enable the delivery of information and services
- Consideration of regional needs across these themes



JCB Membership (Since June 25 2021)

WMO			IOC		
Co-chair (until Ext-Cg, 2021)	Louis Uccellini	USA IV North America, Central America and the Caribbean	Co-chair	Srinivasa Kumar Tummala IOC Vice chair	India IV Asian and Pacific States
Co-chair (after Ext-Cg, 2021)	Albert Martis	Curacao IV North America, Central America and the Caribbean			
Observing system	Sidney Thurston V-Chair SC-ON INFCOM	USA IV North America, Central America and the Caribbean	Observing system	Toste Tanhua Co-chair, GOOS SC	Germany I W. European and North American States
Data processing & management	Jeremy Tandy V-Chair SC-IMT INFCOM	UK VI Europe	Data and information management	Sergey Belov Co-chair, IODE; former JCOMM Data Management Chair	Russian Federation II Eastern European States
Forecasting systems	David Richardson Chair SC-ESMP INFCOM	UK/ECMWF VI Europe	Forecasting systems	Fraser Davidson Co-chair, OceanPredict	Canada I W. European and North American States
Services	Thomas Cuff Chair SC-MMO SERCOM	USA IV North America, Central America and the Caribbean	Early warning and services	Alexander Frolov Chair, TOWS WG	Russian Federation II Eastern European States
Research	Matthew Wheeler Member of Research Board	Australia V South-West Pacific	Research	Lisa Alexander CLIVAR	Australia IV Asian and Pacific States
WMO EC Members	Hasegawa Nauyuki (alternate: Mizuno Takanori)	Japan II Asia	IOC Member State Representatives	Hamid Alizadeh Lahijani	Islamic Republic of Iran IV Asian and Pacific States
	Ken Takahashi Guevara	Peru III South America		Alvaro Santiago Scardilli	Argentina III Latin America and Caribbean
	Omar Chafki *	Morocco I Africa		Ashley Johnson	South Africa V African and Arab Stat

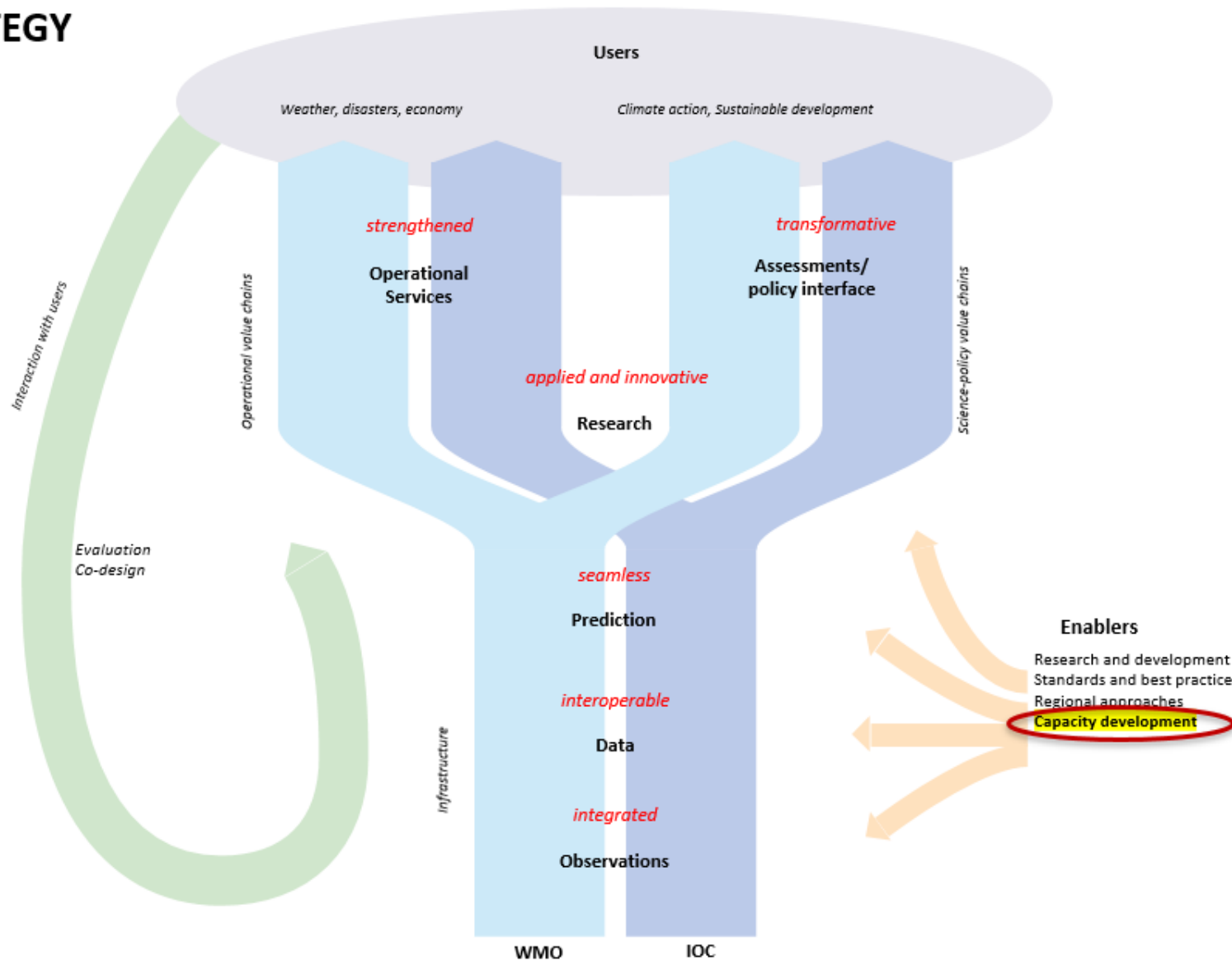
* JCB representative on WMO CD Panel



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WMO-IOC COLLABORATIVE STRATEGY

Improved societal outcomes



Value chains (blue), feedback cycles (green), & enablers (orange) across meteorological & oceanographic infrastructure, service delivery & science-policy interfaces

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WMO-IOC JCB

- First Session (online): May – July 2020.
- Joint WMO-IOC Strategy – endorsed June 2021 – strengthen partnership including through 6 approaches – one being capacity development:
 - CD, training, transfer of technology in areas of mutual interest. Reducing the duplication of ocean CD activities, closer cooperation between initiatives and infrastructure eg WMO RTCS and IODE Training Centres, NMHS and oceanographic institutions.
 - SIDS and LDCS with coastal communities - priority
- Chair of WMO CD Panel participated in IOC CD Group of Experts (2020)
- **Revision of IOC CD Strategy – anticipated new Strategy 2023 to 2030 – seek WMO engagement – recommend alignment with revision process for WMO CD Strategy**

Recap: WMO Ocean CD

- Cross cutting –
Research/Obs/Data/Forecasting/Services
- Support to Members:
 - Marine weather and coastal services
 - Marine climate services
 - Contributions to global climate/ocean action
 - Regional Associations
- WMO SC-MMO and ET-CCD
 - Competencies – ensuring quality skills
 - Customer needs and training (eg IMO-WMO Symposium)



WMO Ocean CD activities - snapshot

Obs and Data Management – jointly with IOC (eg DBCP, GOOS) – including training in deployment and maintenance of equipment, including for polar areas.

Forecasting Systems – eg Severe Weather Forecasting Projects in several regions (Africa, Pacific, Asia) - learning the new tools in prediction, Satellite – new tools and products.

Services – Traditional Marine Met Courses, competencies, new Online Marine Services Course, coastal hazards (eg. Waves/storm surge); marine aspects in Tropical Cyclone training; coastal hazards. Early career scientist opportunities for SIDS and Developing countries

Research – ocean-atmosphere training in cyclones, early career scientist opportunities

Raising capacity of people; institutions; offering tools to learn; public awareness (including links to DRR, NDMOs)



Other

- Working in partnership – IOC, IMO, IHO, UNDRR, UN Oceans and others
- *IMO-WMO-IOC-IHO-IALA-IMPA CD Group*
 - Annual meeting
 - Potential for a joint CD Project
- *Ocean Decade – Ocean Literacy*



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Merci!