

Seabed 2030 Year 8 Work Plan – v1.2

WP 1: Data	TASK ID	TASK	Deliverable ID	Deliverable/outcome	Deliverable Lead
WP 1: Data	TASK 1.1	Secure data contributions from different communities	D1.1.1	Increased data contributions from different organization.	All Centers
WP 1: Data	TASK 1.2	Data Product – Update IBCAO and publish Ver. 5	D1.2.1	To be published by Spring 2024.	Martin Jakobsson
WP 1: Data	TASK 1.3	Data Product - – Update IBCSO 2024 to be released in September 2024 and initiation of IBCSO 2025	D1.3.1	Updates to be published in September 2023.	Boris Dorschel
WP 1: Data	TASK 1.4	Publish global Data Product – GEBCO 2025 and updated polar region grids	D1.4.1	GEBCO Grid_2025 + update polar region grids by Q2 of 2025 in time for a media release on 21 Jun 2025. The GDACC will continue to answer enquiries relating to GEBCO’s gridded data sets and products and the work of GEBCO and Seabed 2030.	Helen Snaith
WP 1: Data	TASK 1.5	BedMachine Collaboration	D1.5.1	Ingestion of under-iceshelf topography into IBCAO and IBCSO A workshop on BedMachine – IBCSO integration (probably in August or September 2024).	Martin Jakobsson & Boris Dorschel
WP2: Systems and tools	TASK ID	TASK	Deliverable ID	Deliverable/outcome	Deliverable Lead
WP 2: System and Tools	TASK 2.1	Further development of mapping statistics system	D2.1.1	System that can deliver statistics regularly based on input data from RDACCs.	Martin Jakobsson
WP 2: System and Tools	TASK 2.2	Process automation. The system put in place during early 2024 to be optimized and tested during 2024-2025	D2.2.1	Research into automated updating of regional grids.	Martin Jakobsson
WP 2: System and Tools	TASK 2.3	Further development of UNH GapFiller tool	D2.3.1	Continue the development and capabilities of GapFiller as both a stand-alone cruise planning tool and as a web-based tool that will offer frequent updates derived from multiple data sources to provide a comprehensive Data/No-Data tool. Work will also investigate automated compilation of Data/No-Data Coverage Maps. This effort will be coordinated with TSCOM to assure it meets needs of community.	Larry Mayer
WP 2: System and Tools	TASK 2.4	Refresh map based on an initial list of Seabed 2030 Priority Areas	D2.4.1	Based on further WITS activity. Tools to support dynamic planning by external data contributors for ship transits and science missions.	Helen Snaith
WP 2: System and Tools	TASK 2.5	Deliver the next generation GEBCO product	D2.5.1	Publish a multi-resolution GEBCO product. Enhance and develop the GEBCO grid download application to provide access to data from GEBCO’s global and polar grids for user-defined geographic areas and through the same application, provide access for download and visualisation of GEBCO’s multi-resolution gridded data sets. Investigate the inclusion of additional layers on the map display, such as the GEBCO gazetteer of undersea feature names. Investigate the delivery of GEBCO's grids for user-defined areas using the OGC Coverages API, allowing users to access GEBCO's grids directly in their own systems using a recently developed open standard.	Helen Snaith
WP 2: System and Tools	TASK 2.6	Maintain GDACC as a CSB Trusted Node	D2.6.1	Based on IHO Standards and guidance, maintain Trusted Node. Engage with contributors and deliver data to IHO DCDB.	Helen Snaith

WP 2: System and Tools	TASK 2.7	Grid Quality Improvement	D2.7.1	Continue collaboration with Scripps Institution of Oceanography for SRTM15+ updates for the GEBCO 'base grid'. Provide feedback to Regional Center and SRTM15_plus colleagues on data issues reported in GEBCO's grids. Continue to organize the draft GEBCO grid review process.	Helen Snaith
WP 2: System and Tools	TASK 2.8	Web Services for Visualization	D2.8.1	Continue support of web services for visualization of SB2030/GEBCO data sets, particularly for QC and planning. Investigate use of Esri products in the delivery of web services and develop a web coverage service for the GEBCO global grid.	Center Heads
WP 2: System and Tools	Task 2.9	Visualization of the coverage/origin of source data sets used in the generation of the GEBCO grid	D2.9.1	Continued development of a web map tools (including 3-D globe) to allow the visualization of the coverage of the source data sets included in the GEBCO grid.	Helen Snaith/Larry Mayer
WP 2: System and Tools	Task 2.10	Design and Development of machine learning pipelines for area based error flagging for spatially tiled datasets	D2.10.1	Automated error flagging in XYZ data tiles for the optimisation of tile-based data cleaning.	Boris Dorschel
WP 3: Technology innovation	TASK ID	TASK	Deliverable ID	Deliverable/outcome	Deliverable Lead
WP 3: Technology innovation	TASK 3.1	Data Uploader	D3.1.1	Collaborate with Teledyne Caris on a Data Uploader Tool.	Kevin Mackay
WP 3: Technology innovation	TASK 3.2	Data Uploader	D3.2.1	Collaborate on refining KM Data Uploader Tool.	Martin Jakobsson
WP 3: Technology innovation	TASK 3.3	Data Uploader	D3.3.1	Refine Seabed 2030 Data Uploader Tool.	Martin Jakobsson
WP 3: Technology innovation	TASK 3.4	Cloud-Based Processing (SeaKoMaP)	D3.4.1	Operationalize SeaKoMapP capability.	Shereen Sharma & Center Heads
WP 3: Technology innovation	TASK 3.5	Support to Innovative Mapping Technology	D3.5.1	Continue efforts to develop and support Project NEMO floats. Floats have had successful long-term deployment in Pacific – will now be mated with echosounders for initial tests of complete package.	Larry Mayer
WP 3: Technology innovation	TASK 3.6	Support to Innovative Mapping Technology	D3.6.1	Collaboration and development activity on autonomous data collection.	Center Heads
WP 3: Technology innovation	TASK 3.7	Support to CSB Technology	D3.7.1	Basic tech support for volunteers & and support for new gen loggers whilst achieving a core level of activity.	Director
WP 3: Technology Innovation	TASK 3.9	Community empowerment - usability of distributable open-source software tools	D3.9.1	Harden and improve usability of some of the distributable open-source software tools used for SDB and multibeam prep - to further empower the community to process/review/prepare data for integration. This will include supporting relevant workshops.	Vicki Ferrini
WP 3: Technology Innovation	TASK 3.10	Support to Generic Sensor Format (GSF) translation in MBES systems.	D3.10.1	Contribute expertise to TSCOM-led initiatives for GSF translation capabilities in MBES systems.	Center Heads
WP 4: Mapping activities	TASK ID	TASK	Deliverable ID	Deliverable/outcome	Deliverable Lead
WP 4: Mapping activities	TASK 4.1	Progress Mapping the Ocean Frontiers	D4.1.1	Identify expeditions to be supported and acquire new data.	All Center Heads & Shereen Sharma
WP 4: Mapping activities	TASK 4.2	Greenland Crowd Source Project	D4.2.1	Continue to oversee Greenland crowd source initiative.	Martin Jakobsson
WP 4: Mapping activities	TASK 4.3	Lobby for Crowd Sourced Bathymetry (CSB) Activity	D4.3.1	Continue to advocate for the concept of CSB activity and encourage participation from those within our networks to participate .	Director & Center Heads
WP 4: Mapping activities	TASK 4.4	Satellite Derived Bathymetry	D4.4.1	Encouragement of 3 rd party involvement whilst also deriving meaningful data products for used in the GEBCO Grid.	All Center Heads
WP 4: Mapping activities	TASK 4.5	Satellite Derived Bathymetry	D4.5.1	Data ingest activity Jamaica & Haiti.	Vicki Ferrini
WP 4: Mapping activities	TASK 4.6	Satellite Derived Bathymetry	D4.6.1	Wave Kinematic Bathymetry – development for Seabed 2030.	Vicki Ferrini
WP 4: Mapping activities	TASK 4.7	Marine geospatial information management for the Southern Ocean	D4.7.1	Recommendations to ATCM47 for improved marine geospatial information management.	Boris Dorschel
WP 4: Mapping activities	TASK 4.8	CCAMLR engagement for bathymetric data from fishing vessels	D4.8.1	Liaison with the Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR) for bathymetric data from fishing vessels.	Boris Dorschel

WP 4: Mapping activities	TASK 4.8	As an empowering and engagement tool, optimise bathymetry acquisition for local communities with low ocean mapping capacity	D4.7.1	Increase in the quantity and quality of ocean mapping data in remote regions.	Kevin Mackay
WP 5: Management	TASK ID		Deliverable ID	Deliverable/outcome	Deliverable Lead
5.1 Operational management	TASK 5.1.1	Secure Year 9 Funding	D5.1.1	Year 9 Work Plan and Budget approved.	Director
5.1 Operational management	TASK 5.1.2	Year 8 Financial management	D5.1.2	Year 8 Finance Ledger is accurate and Project run to budget.	Director
5.1 Operational management	TASK 5.1.3	Annual Project Reporting to GGC	D5.1.3	Year 8 Annual Report submitted to GGC.	Director
5.1 Operational management	TASK 5.1.4	Quarterly Reporting to NF & GGC	D5.1.4	Quarterly Reports presented to NF & GGC.	Director
5.1 Operational management	TASK 5.1.5	Periodic Project Reporting to Sponsors	D5.1.5	Sponsors meetings held as required by Sponsors.	Director
5.1 Operational management	TASK 5.1.6	Engage with GEBCO Community	D5.1.6	Diary of Year 8 engagement demonstrating GEBCO contribution to SB2030.	Vicki Ferrini / Steve Hall/Shereen Sharma
5.1 Operational management	TASK 5.1.7	Financial management	D5.1.7	Monthly Account Reconciliation vs IHO Statements.	Jennifer Cheveaux
5.1 Operational management	TASK 5.1.8	General management	D5.1.8	Maintain Project Risk Register.	Shereen Sharma
5.1 Operational Management	TASK 5.1.9	Records Management	D5.1.9	Ensure reliable and accessible collaborative working and records management system open to all SB2030 team members	Jelen Snaith & Jennifer Cheveaux
5.2 Strategic direction	TASK 5.2.1	Engage with User Community	D5.2.1	Robust use case evidence documented (via WITS work) and GEBCO product users active in Seabed 2030.	Director
5.2 Strategic direction	TASK 5.2.2	Solicit external strategic advice/input	D5.2.2	Improve Seabed 2030 strategy through external advice.	Director
5.2 Strategic direction	TASK 5.2.3	Position Seabed 2030 globally	D5.2.3	Seabed 2030 acknowledged as key global initiative.	Director
5.3 Strategic direction	TASK 5.2.4	Build Strong Partnerships	D5.2.4	Partners make significant contribution to Seabed 2030 success.	Steve Hall/Shereen Sharma
5.3 Strategic direction	TASK 5.2.5	Engage with widest possible community	D5.2.5	Attendance at key events and promote SB2030 within networks.	All
5.3 Strategic direction	TASK 5.2.6	Engage with Decadal Programmes & Projects	D5.2.6	Participation at key events and projects, promotion within networks.	Director/All
5.3 Strategic direction	TASK 5.2.4	MOU Partnerships	D5.2.4	Formulate focus document for potential new MOUs.	Steve Hall/Shereen Sharma
5.3 Communication	TASK 5.3.1	Media Strategy	D5.3.1	Deliver against published Media Strategy.	Pegah Sourì
5.3 Communication	TASK 5.3.2	Seabed 2030 media content across all channels	D5.3.2	Ongoing process to deliver new content.	Pegah Sourì
5.3 Communication	TASK 5.3.3	Promote Seabed 2030 at external events and meetings	D5.3.3	Catalogue of meetings and events attended.	Director/Admin/All
5.3 Communication	TASK 5.3.4	Acknowledge partner contributions	D5.3.4	Seabed 2030 website.	Steve Hall/Shereen Sharma/Jennifer Cheveaux
5.3 Communication	TASK 5.3.5	Seabed 2025 Event in Tokyo	D5.3.5	Input to event prep & attendance (anticipate early Mar 25).	All
5.4 Capacity development	TASK 5.4.1	Engage Alumni in Seabed 2030 activities	D5.4.1	Manage Alumni Coordination across appropriate Seabed 2030 activities.	Shereen Sharma