

| Time | April 8th – Afternoon : High-level Organizations | | April 9th – Full day | | April 10th – Morning | |
|---------------|---|---|-------------------------------|--|--|---|
| 08:15 | | | Shuttle Bus Pick-up - 08:15 | | Shuttle Bus Pick-up - 08:15 | |
| 09:00 – 10:45 | | | Technical plenary | 09:00 - 10:45 ESA CBC Methodology, Products demonstration (habitat, C-stock maps) & Geoportal Introduction | Breakout Groups Restitution 09:00 - Salt Marshes Synthesis 10' + 5' 09:15 - Seagrass Synthesis 10' + 5' 09:30 - Mangroves Synthesis 10' + 5' 09:45 - Nature-positive financial instruments for climate risk reduction 10' + 2' Alina Bill-Wellandt - Potsdam Institute for Climate Impact Research | |
| 10:45 – 11:15 | | | | Coffee break (30') | Future Blue Carbon Perspectives 10:00 - JRC Mediterranean Blue Carbon Modelling 10' + 2' Ana de Azevedo e Costa - European Commission's Joint Research Centre 10:15 - NASA Blue Carbon Lateral Fluxes 10' + 2' Steve Crooks - Silvestrum Climate Associates Kevin D. Kroeger - Silvestrum Climate Associates | |
| 11:15 – 13:00 | | | 10:45 – 11:15 | Presentations of our ambassadors | 11:15 - C-BLUES – Monitoring and Accounting Blue Carbon 15' + 2' Richard Garth James Bellerby - Norwegian Institute for Water Research 11:35 - France Perspectives: Blue Carbon in Coastal Planning 15' + 2' Olivier Laroussinie - CEREMA 11:50 - France Ambassador: Bassin d'Arcachon Marine Park 15' + 2' Florine Verhaeghe - Parc naturel marin du Bassin d'Arcachon (PNMBA) 12:10 - Spain Ambassador: BlauCat - Tidal Marshes in Catalonia 15' + 2' Joan Ramon Coll Benages - EURECAT, Technology Centre of Catalonia 12:25 - Andalusian Ambassador: Seagrass in Andalusia 15' + 2' Maria Soledad Vivas Navarro - AMAYA (Andalusian Agency for the Environment and Water) - Junta de Andalucía 12:45 - French Guiana Ambassador: PRACC Coastal Adaptation 15' + 2' Bénédicte Durand Mennesson - DGTM (Directorate-General for Territories and the Sea) in French Guiana 13:00 - Canada Blue Carbon Pre-Feasibility Assessment 15' + 2' Meg Lovett - Nature Conservancy of Canada Lena Capece - Silvestrum Climate Associates | Future Blue Carbon Perspectives 11:00 - Future ESA/NASA Missions for Blue Carbon 20' Marie-Hélène RIO - ESA 10' Laura Lorenzoni - NASA 10' |
| 13:00 - 13:30 | 13:00 - WELCOME AT DESK | | EVENT STARTING AT 13:30 | | ENDING AT 12:30 | |
| 13:30 - 14:00 | 13:30 - Welcoming Speech 10' Giuseppe Ottavianelli - European Space Agency Marie-Hélène RIO - European Space Agency | 13:20 - 13:30 | GROUP PHOTO | | | |
| 13:30 - 14:00 | 13:40 - ESA Coastal Blue Carbon Project context and UCM overview 10' Aurélié Dehouck - i-Sea 13:50 - Welcoming: Global Blue Carbon Policy Perspectives 10' Professor William Austin - University of St Andrews - Ocean Decade | | | LUNCH BREAK 13:30 - 14:30 | | |
| 14:00 - 15:00 | 14:00 - European Ocean Pact: Coordinating EU Ocean Policies 10' + 2' Iain Shepherd - Directorate-General for Maritime Affairs & Fisheries 14:15 - European Blue Carbon Research Coordination 10' + 2' Gabrielle Aubert - IPI Oceans Blue Carbon Representative 14:25 - Satellite data for UNFCCC Global Stocktake - Adaptation 10' + 2' Rosa Roman - European Commission's Joint Research Centre 14:35 - NASA Ocean Biology & Biogeochemistry Program and BC 10' + 2' Laura Lorenzoni - NASA 14:50 - Global Coastal Wetland Strategies for High-Quality BC 10' + 2' Lammert Hilarides - Wetlands International | High Level Organizations Directives | Breakout Groups: Introduction | 14:30 - 15:15 Breakout sessions by ecosystems Geoportal Exploration | | |
| 15:00 - 15:30 | Coffee break (30') | | | | | |
| 15:30 - 17:00 | 15:30 - Blueprint for Scalable Seagrass Ecosystem Mapping 10' + 2' Mark Spalding - The Nature Conservancy, Senior Marine Scientist Noelia Jimenez Martinez - Earth Genome, Tech Partnership Lead 15:45 - Scalable Seagrass Mapping - Mediterranean Roadmap 10' + 2' Mauro Randone - Mediterranean Posidonia Network x WWF, Mediterranean Marine Initiative 16:00 - Global Mangrove Monitoring: Extent and Change 10' + 2' Pete Bunting - Aberystwyth University / The Global Mangrove Watch 16:15 - French Overseas Mangroves in Climate Strategies 10' + 2' Marianna Monneau - Directorate General for Overseas Territories / French Initiative for Coral Reefs (Ifreco) 16:30 - Salt Marsh Habitat Monitoring and Change Detection 10' + 2' Anthony Campbell - NASA / University of Maryland 16:45 - Andalusia Saltmarsh - Policy Implementation Framework 10' + 2' Inmaculada Tola - La Junta de Andalucía | High Level Organizations Presentations per ecosystems | Breakout Groups: Workshops | 15:15 - 16:00 Breakout sessions by ecosystems Project and Policy Blue Carbon framework exercise : Applying ESA CBC products for better conservation - Practical Implementation | | |
| 17:00 - 18:00 | 17:00 - Blue Carbon Policy, Research & Implementation Dialogues 60' Chairs: Marie-Aude Sévin (BlueSeeds) & Oscar Serrano (CEAB) William Austin - University of St Andrews - Ocean Decade Rosa Roman - European Commission's Joint Research Centre Shepherd Iain - Directorate-General for Maritime Affairs and Fisheries Bénédicte Durand Mennesson - DGTM in French Guiana Meg Lovett - Nature Conservancy of Canada | Roundtable | Breakout Groups: Synthesis | 17:00 - 18:00 Breakout sessions by ecosystems Feedback on user/Policy needs adequation and technical improvements | | |
| 18:30 + 20:00 | Ice-Breaker Shuttle Bus departure - 20:00 | | Shuttle Bus departure - 18:30 | | | |

| | | April 8th – Afternoon : High-level Organizations | |
|---------------|---|---|--|
| Time | | 13:00 - WELCOME AT DESK | |
| | | STARTING AT 13:30 | |
| 13:30 - 14:00 | Welcome & Introduction plenary | <p>13:30 - Welcoming Speech 10'</p> <p><i>Giuseppe Ottaviani</i> - <i>European Space Agency</i>, Head of the Application section - ESA Green Solutions Division <i>Marie-Hélène RIO</i> - <i>European Space Agency</i>, Lead coordinator - ESA Coastal Blue Carbon Project, Ocean Applications Scientist</p> | <p>13:40 - ESA Coastal Blue Carbon : Project context and UCM overview 10'</p> <p><i>Aurélie Dehouck</i> - <i>i-Sea</i>, CEO and Head of the Consortium, Project PI</p> <p>Brief introduction of participating organizations, BC policy context and overview of the event: daily agendas, presentations, workshops, and logistics.</p> |
| | | <p>13:50 - Welcoming : Global Blue Carbon Policy Perspectives 10'</p> <p><i>Professor William Austin</i> <i>University of St Andrews</i> - Lead of the Global Ocean Decade Programme for Blue Carbon (GO-BC) Programme</p> | |
| 14:00 – 15:00 | High-Level Organizations Directives | <p>14:00 - European Ocean Pact: Coordinating EU Ocean Policies 10' + 2'</p> <p><i>Iain Shepherd</i> - <i>Directorate-General for Maritime Affairs and Fisheries</i>, Active Senior</p> <p>DG MARE leads the coordination of the European Ocean Pact which brings together the EU's ocean related policies, including maritime security, international ocean governance and ocean observation.</p> | |
| | | <p>14:15 - European Blue Carbon Research Coordination 10' + 2'</p> <p><i>Gabrielle Aubert</i> - <i>JPI Oceans Blue Carbon Representative</i>, Science Policy Advisor</p> <p>JPI Oceans Joint Action on BC: advancing spatial mapping, carbon sequestration science, and policy integration across European marine research networks.</p> | |
| | | <p>14:25 - Satellite data in support of the UNFCCC Global Stocktake – a focus on Adaptation 10' + 2'</p> <p><i>Rosa Roman</i> - <i>European Commission's Joint Research Centre</i>, Researcher</p> <p>Earth observation for adaptation in Global Stocktake: satellite data integration for Paris Agreement resilience goals.</p> | |
| | | <p>14:40 - NASA Ocean Biology & Biogeochemistry Program and Blue Carbon Activities 10' + 2'</p> <p><i>Laura Lorenzoni</i> - <i>NASA (National Aeronautics and Space Administration)</i>, Program Scientist</p> <p>NASA OBB Program overview: remote sensing of ocean color for blue carbon ecosystems, land-ocean carbon fluxes, and time-series observations.</p> | |
| | | <p>14:50 - Global Coastal Wetland Strategies for High-Quality Blue Carbon 10' + 2'</p> <p><i>Lammert Hilarides</i> - <i>Wetlands International</i>, Senior Technical Officer, Information Mgmt.</p> <p>Strategic priorities for safeguarding BC in coastal wetlands and linking on-the-ground action to international climate and biodiversity policy frameworks.</p> | |
| 15:05 – 15:30 | | Coffee break (25') | |
| 15:30 – 17:00 | High Level Organizations Presentations per ecosystems - Dedicated floor for high-level organizations to present their work related to the ESA Project - Showcase of initiatives, tools, and fieldwork | <p>15:30 - Blueprint for Scalable Seagrass Ecosystem Mapping 10' + 2'</p> <p><i>Mark Spalding</i> - <i>The Nature Conservancy</i>, Senior Marine Scientist <i>Noelia Jimenez Martinez</i> - <i>Earth Genome</i>, Tech Partnership Lead</p> <p>TNC initiatives in seagrass mapping and blue carbon assessment, leveraging scalable remote sensing tools for coastal habitat conservation.</p> | |
| | | <p>15:45 - Scalable Seagrass Mapping, Value, and Mediterranean Roadmap 10' + 2'</p> <p><i>Mauro Randone</i> - <i>Mediterranean Posidonia Network</i> x <i>WWF Mediterranean Marine Initiative</i>, Regional Program Manager</p> <p>Overview of Mediterranean initiatives for scalable Posidonia mapping, BC valuation, and a unified conservation roadmap to protect threatened meadows</p> | |
| | | <p>16:00 - Global Mangrove Monitoring: Extent and Change 10' + 2'</p> <p><i>Pete Bunting</i> - <i>Aberystwyth University / The Global Mangrove Watch</i>, Reader in Remote Sensing</p> <p>Global Mangrove Watch datasets on worldwide mangrove extent, change, BC stock indicators, and applications of EO tools for monitoring and restoration.</p> | |
| | | <p>16:15 - French Overseas Mangroves in Climate Strategies 10' + 2'</p> <p><i>Marianna Monneau</i> - <i>Directorate General for Overseas Territories (Ministry) / French Initiative for Coral Reefs (Ifrecor)</i>, Biodiversity program manager</p> <p>French ultra-marine mangroves for carbon reporting: Ifrecor/DGOM initiatives, policy integration challenges & EO synergies for monitoring & restoration.</p> | |
| | | <p>16:30 - Salt Marsh Habitat Monitoring and Change Detection 10' + 2'</p> <p><i>Anthony Campbell</i> - <i>NASA / University of Maryland</i>, Researcher</p> <p>Global salt marsh extent, change detection, and blue carbon stock assessment using high-resolution satellite remote sensing.</p> | |
| | | <p>16:45 - Saltmarsh Restoration in Andalusia - Public BC Policy Implementation and Framework 10' + 2'</p> <p><i>Inmaculada Tola</i> - <i>La Junta de Andalucía</i>, Head of the Andalusian Office for Climate Change</p> <p>Spain's first public BC tidal marsh restoration project: policy framework adoption, implementation, private sector mobilization and climate solutions.</p> | |
| 17:00 - 18:00 | Roundtable | <p>17:00 - Blue Carbon Policy, Research & Implementation Dialogues 60'</p> <p>Chairs: <i>Marie-Aude Sévin</i> (BlueSeeds) & <i>Oscar Serrano</i> (CEAB)</p> <p><i>William Austin</i> - <i>University of St Andrews</i>, Lead of the Global Ocean Decade for BC Programme <i>Rosa Roman</i> - <i>European Commission's Joint Research Centre</i>, Researcher <i>Iain Shepherd</i> - <i>Directorate-General for Maritime Affairs and Fisheries</i>, Active Senior <i>Bénédicte Durand Mennesson</i> - <i>DGTM in French Guiana</i>, Manager of Maritime and Coastal Areas <i>Meg Lovett</i> - <i>Nature Conservancy of Canada</i>, Program Coord. Nature + Climate Projects Accelerator</p> <p>Interactive discussion on ocean policy coordination, blue carbon research priorities, financing strategies, climate reporting integration, Earth observation synergies, MRV challenges, and next steps, aligning with satellite products and bridging to Day 2 sessions.</p> | |
| 18:30 | | Ice-Breaker | |
| 20:00 | | Shuttle Bus departure - 20:00 | |

April 9th – Full day

Shuttle Bus Pick-up - 08:15

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| Technical plenary | 09:00 - 10:45 | LUNCH BREAK |
| | <p style="text-align: center;"><u>ESA CBC Methodology, Products demonstration (habitat, C-stock maps) & Geoportal Introduction</u></p> <ul style="list-style-type: none"> - Remote sensing for Blue Carbon ecosystems - Habitat & Carbon mapping - Conclusion and perspectives | 13:30 - 14:30 |
| 10:45 – 11:15 | Coffee break 30' | 14:30 - 15:15 |
| Presentations of our ambassadors | <p>11:15 - <u>C-BLUES – Monitoring and Accounting Blue Carbon</u> 15' + 2'</p> <p>Richard Garth James Bellerby - <u>Norwegian Institute for Water Research (NIVA)</u>, Chief Scientist / C-BLUES Project Coordinator</p> <p>Overview of the C-BLUES Horizon Europe project: approaches and first results on habitat / C-stock mapping, dynamic modelling, and BC accounting methods consistent with UNFCCC standards and national GHG inventory.</p> | Breakout Groups: |
| | <p>11:35 - <u>France Perspectives: Blue Carbon in Coastal Planning</u> 15' + 2'</p> <p>Olivier Laroussinie - <u>CEREMA (Centre d'études et d'expertise sur les risques, l'environnement, la mobilité et l'aménagement)</u>, Deputy Director of Maritime Planning - Technical Department for Water and Sea Risks</p> <p>Cerema's technical support to public authorities in MSP and coastal development: strategic advisory framework for policy implementation, bridging research and practical application for BC ecosystems.</p> | Introduction |
| | <p>11:50 - <u>France Ambassador : Bassin d'Arcachon Marine Park</u> 15' + 2'</p> <p>Florine Verhaeghe - <u>Parc naturel marin du Bassin d'Arcachon (PNMBA)</u>, Chargée de mission « Restauration des herbiers à grande échelle »</p> <p>Marine Park perspectives through Atlantic salt marsh applications: monitoring contexts, challenges, and ESA product synergies for BC in France.</p> | Breakout Groups: |
| | <p>12:10 - <u>Spain Ambassador: BlauCat Project : Catalanian Tidal Marshes</u> 15'+2'</p> <p>Joan Ramon Coll Benages - <u>Eurecat, Technology Centre of Catalonia, Climate Change Researcher & GIS Analyst</u></p> <p>Developing reserve inventories, threat mapping, geospatial mngmt. tools, and foundations for Catalonia carbon markets and environmental policy.</p> | Workshops |
| | <p>12:30 - <u>Andalusian Ambassador: Seagrass Blue Carbon in Andalusia</u> 15' + 2'</p> <p>Maria Soledad Vivas Navarro - <u>AMAYA (Andalusian Agency for the Environment and Water) - Junta de Andalucía</u>, Regional Marine Environment Coordinator</p> <p>Andalusian work on marine phanerogam conservation: ongoing mapping and monitoring efforts, active restoration projects, the upcoming roadmap, and mid-term work plan.</p> | 15:15 - 16:00 |
| 16:00 – 16:30 | Coffee break (30') | 16:30 - 17:00 |
| | <p>12:50 - <u>French Guiana Mangroves : PRACC Coastal Adaptation</u> 15' + 2'</p> <p>Bénédicte Durand Mennesson - <u>DGTM (Directorate-General for Territories and the Sea) in French Guiana</u>, Manager of Maritime and Coastal Areas</p> <p>DGTM-led PRACC Regional Climate Adaptation Plan and ODyC operational monitoring of dynamic Guyanese mangroves: coastal evolution, blue carbon assessment, satellite synergies for resilience and risk management</p> | Breakout Groups: |
| | <p>13:10 - <u>Canada Blue Carbon Pre-Feasibility Assessment</u> 15' + 2'</p> <p>Meg Lovett - <u>Nature Conservancy of Canada</u>, Program Coord. Nature + Climate Projects Accelerator</p> <p>Lena Capece - <u>Silvestrum Climate Associates</u>, Associate Blue Carbon Science</p> <p>Canadian coastal contexts, MRV challenges, geospatial tools integration, carbon finance pathways for restoration and conservation.</p> | Workshops |
| 13:20 - 13:30 | GROUP PHOTO | 17:00 - 18:00 |
| LUNCH BREAK | 13:30 - 14:30 | Break-out Groups: Synthesis |
| | | Shuttle Bus departure - 18:30 |

April 10th – Morning

Shuttle Bus Pick-up - 08:15

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| Restitution: synthesis of breakout results and key findings | <p>09:00 - <u>Salt Marshes Synthesis</u> 10' + 5'</p> <p>09:15 - <u>Seagrass Synthesis</u> 10' + 5'</p> <p>09:30 - <u>Mangroves Synthesis</u> 10' + 5'</p> <p>Breakout group presentation: key findings, technical needs for salt marsh monitoring, and actionable recommendations for parks and financing and Q&A</p> |
| Future Blue Carbon Perspectives | <p>09:45 - <u>Nature-positive financial instruments for climate risk reduction</u> 10' + 2'</p> <p><i>Alina Bill-Weilandt - <u>PIK - Potsdam Institute for Climate Impact Research</u>, Postdoctoral Researcher</i></p> <p>Presentation of a global database of nature-positive climate risk transfer and financial instruments: Gaps and opportunities</p> |
| | <p>10:00 - <u>JRC Mediterranean Blue Carbon Modelling</u> 10' + 2'</p> <p><i>Ana de Azevedo e Costa - <u>European Commission's Joint Research Centre</u>, Researcher</i></p> <p>JRC regional model for seagrass carbon fluxes & stocks under climate/policy scenarios: applications for LULUCF reporting, disturbance impacts, & EU coastal management.</p> |
| | <p>10:15 - <u>Alkalinity & Inorganic BC: Wetland-to-Ocean Lateral Fluxes - Carbon Markets and Inventories</u> 10' + 2'</p> <p><i>Steve Crooks - <u>Silvestrum Climate Associates</u>, Kevin D. Kroeger - <u>Silvestrum Climate Associates</u></i></p> <p>NASA CMS project on alkalinity and inorganic blue carbon monitoring, exploring wetland-to-ocean lateral fluxes. Tidal exchange drives carbon cycling, exporting dissolved carbon (often with alkalinity) for long-term ocean storage and CO₂ removal . A key gap in blue carbon quantification and monitoring.</p> |
| 10:30 - 11:00 | Coffee break 30' |
| Future Blue Carbon Perspectives | <p>11:00 - <u>Future ESA/NASA Missions for Blue Carbon</u> 20'</p> <p><i>Marie-Hélène RIO - <u>European Space Agency</u>, Project Lead coordinator, Ocean Applications Scientist 10'</i></p> <p><i>Laura Lorenzoni - <u>NASA (National Aeronautics and Space Administration)</u>, Program Scientist 10'</i></p> <p>Forward-looking overview of upcoming ESA & NASA satellite missions: enhanced monitoring capabilities for coastal ecosystems, synergies with current products, & policy applications.</p> |
| Open discussion with the plenary audience | <p>11:20 - 12:20</p> <p><u>Next Steps & Future Roadmap</u> 60'</p> <p><u>Chairs: Aurélie Dehouck - <u>i-Sea</u> & Marie-Hélène RIO - <u>European Space Agency</u></u></p> <p><u>Speakers from morning sessions</u></p> <p>Plenary dialogue on advancing satellite products: key enhancements needed, development priorities, collaboration pathways for ecosystem monitoring and policy integration.</p> |
| CLOSING PLENARY | <p>12:20 - <u>Final Plenary & Consortium Closing Words</u> 10'</p> <p>Final thanks to participants, ambassadors, and speakers; consortium highlights outcomes, commitments, and vision for ongoing coastal blue carbon initiatives.</p> |

ENDING AT 12:30