

Objective 9: Downstream

- Downstream -> focuses on promoting access and enhancing uptake of OceanPredict products.
- It includes services, applications, and real-world use by governments and industry. S2O-use cases
- Key issue: strong production exists, many services, but use and impact are not clearly visible.
- Use Best practices (e.g. NOAA; COPENICUS; Projects)
- Involve stakeholders in co-design , co-development (DITTO), equal partners in projects
- Coastal systems (e.g. CoastPredict) sit at the interface between operations and downstream.

Gaps and Challenges

- Atlas (OceanPredict DCC, Coast Predict etc) and systems map capabilities, but not real usage.
- Limited visibility of users and services.
- Weak interaction with downstream communities.
- Uncertainty and reliability are not (two-way) clearly communicated.
- Connections between OceanPredict and others (e.g. GOOS, WMO, OceanDecase)
(COSS-TT, CoastPredict, and DCC-CR)

Short-Term Actions

- Develop few concrete use cases (e.g. search & rescue, maritime).
- Create a catalogue of services and users.
- Use ForeSea to demonstrate real applications.
- Strengthen coordination between Tact Teams, COSS-TT, CoastPredict, and DCC-CR.
- Engage governments and private sector for co-use, co- development (DITTO use cases)
- Identify champion users.

Short and Long-Term Directions

- Move to co-development of services with users.
- Build continuous engagement and partnerships.
- Integrate downstream into national reports (users, services, impact).
- Establish feedback loops from users to systems.
- Embed downstream into OceanPredict governance.
- National Reports – include chapter for user needs and downstream

Objective 16: Outreach & Learning - Kirsten

Outreach enables uptake and trust by improving understanding.

- Includes training, workshops, online learning, and symposia.
- Participate in TT Workshops (cross), related Symposia, Assemblies,
- Supports trust in products and understanding of uncertainty.
- Aligned with UN Decade and ForeSea initiatives.
- Participate in training with Ocean Decade Literacy program

Outreach Priorities

- Strengthen capacity building, especially in Global South.
- Engage wider community schools, teachers, students.
- Develop/promote educational tools, games, hackathons – teachers, .
- Improve communication of uncertainty and reliability.
- High imoact White papers
- Promote OceanPredict amoung ECOPS – make teh posution for future scientists – 2023-2025 attractive
- Share best practices and user experiences.