Novel Collaborations and Partnerships for Ocean Exploration

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Ocean Exploration: BLUEPRINT 2032

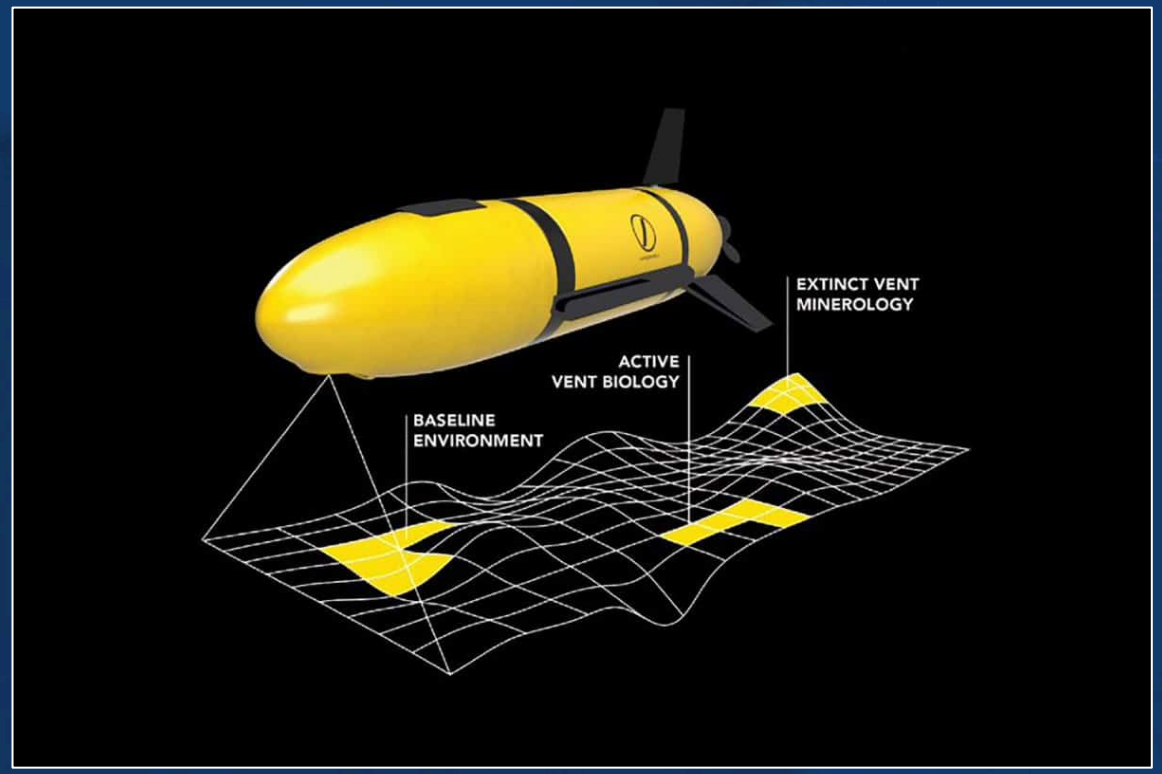
Challenges to Achieving Sustainable Partnerships

- ✓ Creating a vision that a broad spectrum of stakeholders and partners buy into or can accept;
- ✓ Identifying the actions required to achieve the vision in the short term, while also being flexible and resilient in approach to capitalize on the shifting priorities of constituent power structures to increase chances of adequate and sustained funding;
- ✓ Identifying and providing extrinsically motivating incentives for increased levels of engagement; and
- ✓ Appealing to those who are intrinsically motivated to complete the planned actions and build momentum for long-term success.

Overcoming Barriers

- ✓ Data and Knowledge Gaps
- ✓ Research and Applied Science Gaps
- ✓ Technology Gaps
- ✓ Observing Gaps
- ✓ Policy Gaps
- ✓ Changes in Administration Priorities
- ✓ Challenges inherent in predictive modeling
- ✓ Communication Gaps
- ✓ Curve balls
- ✓ Funding Gaps
- ✓ Constituency gap for deep-sea conservation
- ✓ Cultures and incentives within different communities
- ✓ Insufficient trust
- ✓ Assumptions, complacency and blind spots
- ✓ Creating other problems along the way / unintended consequences.
- ✓ Competing Efforts

Partnership Success Stories



VIPER: Varifocus In-situ Prospector for Environment and Resources

Citizen Science Network for the Amazon

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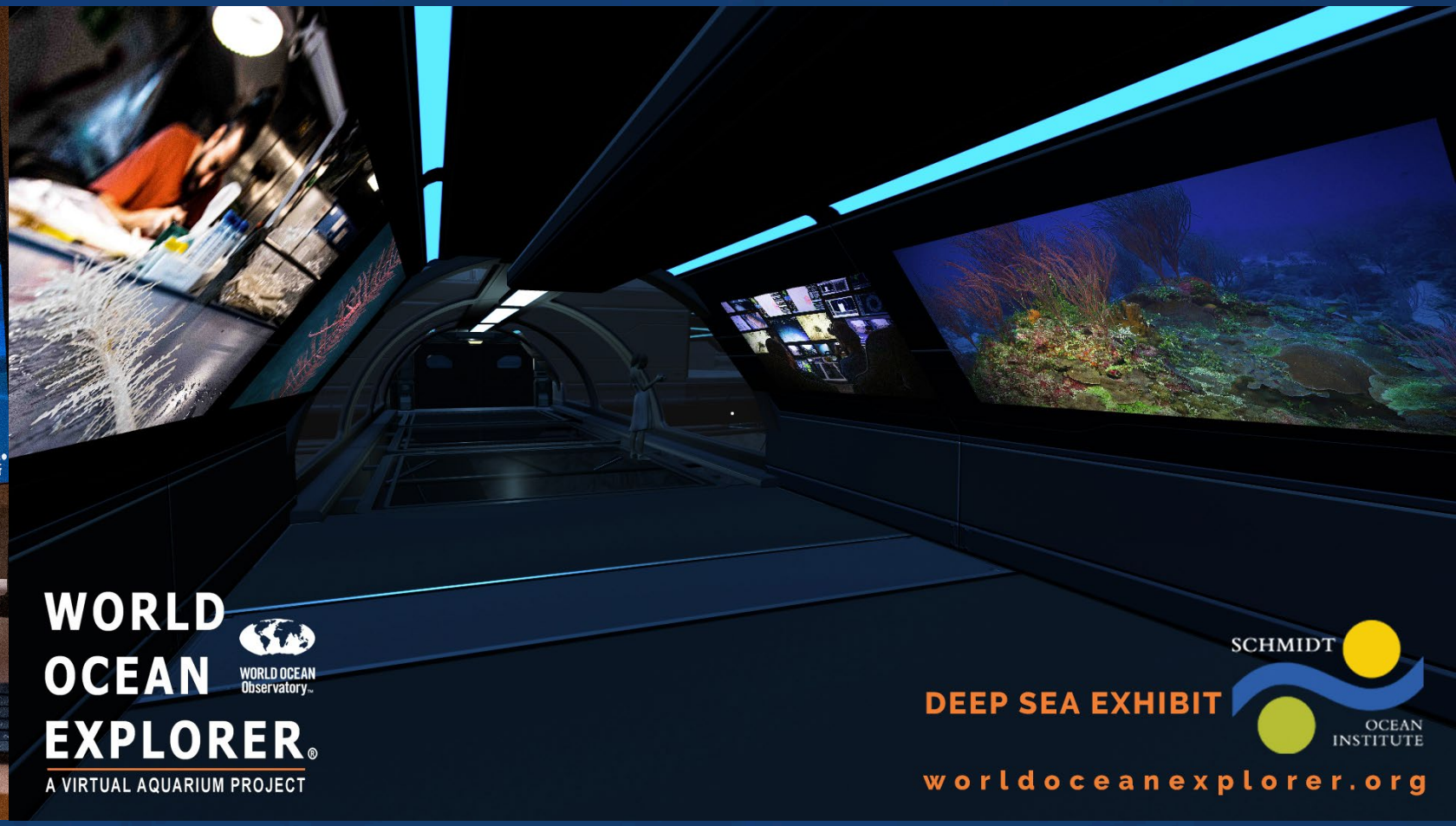
Novel Collaborations and Partnerships - Public Engagement



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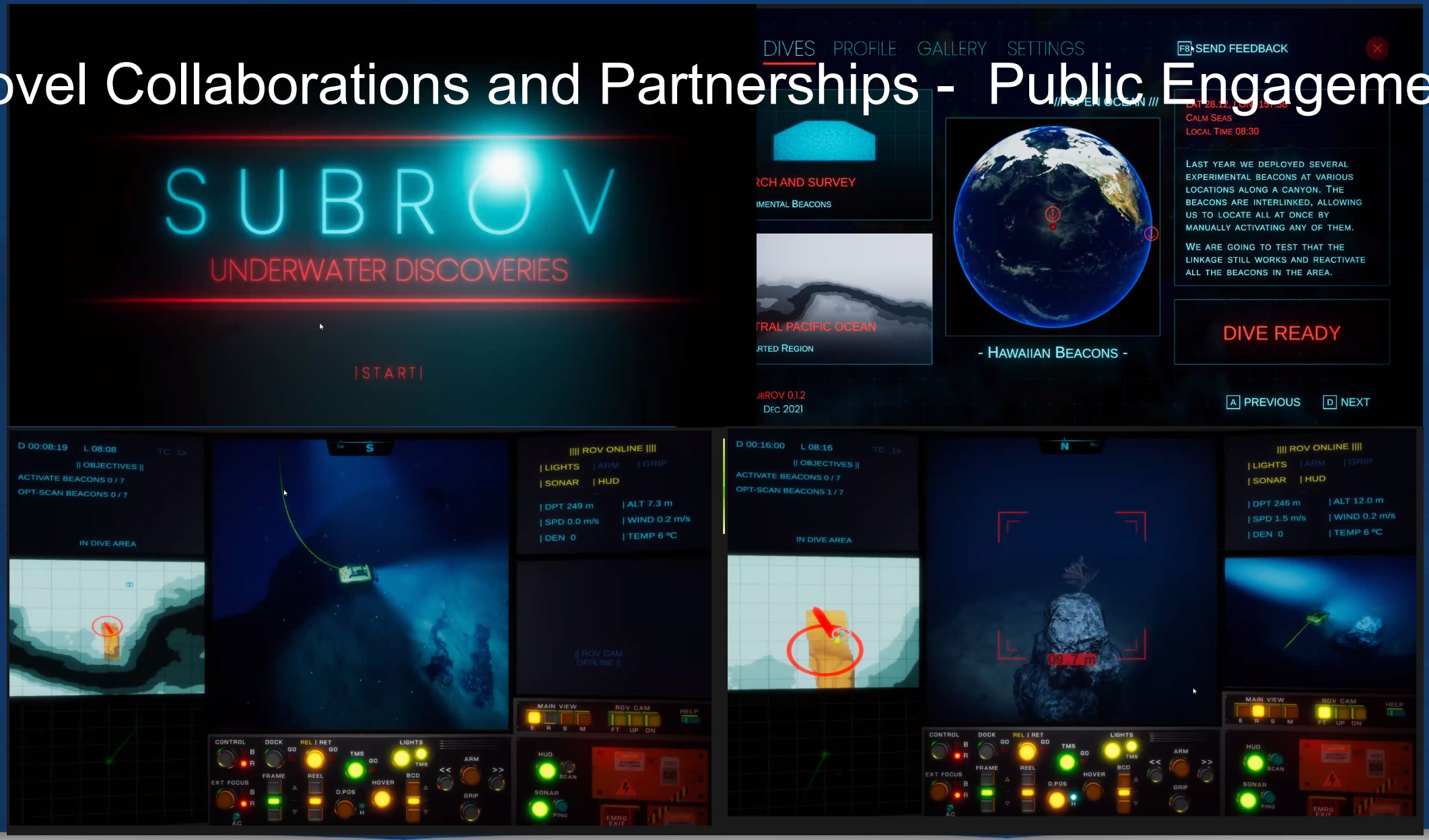

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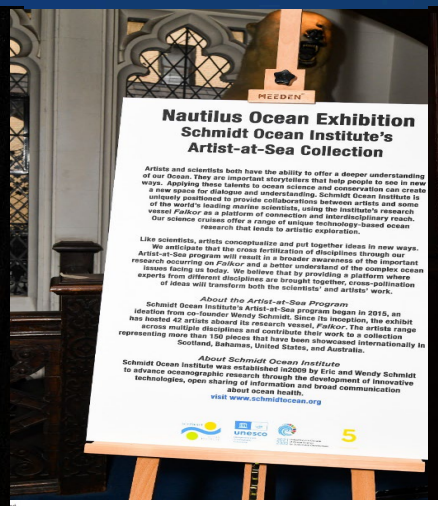

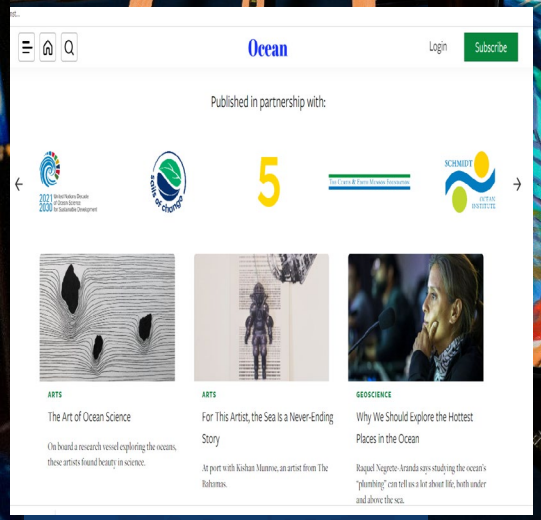

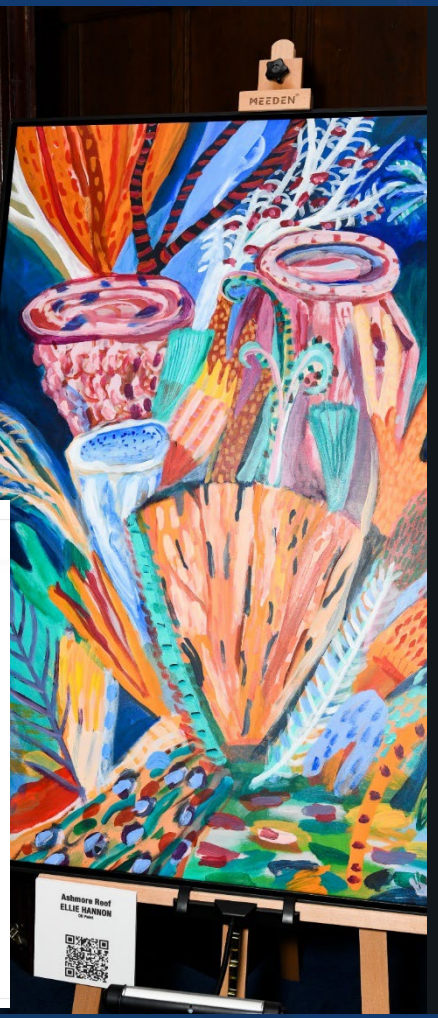

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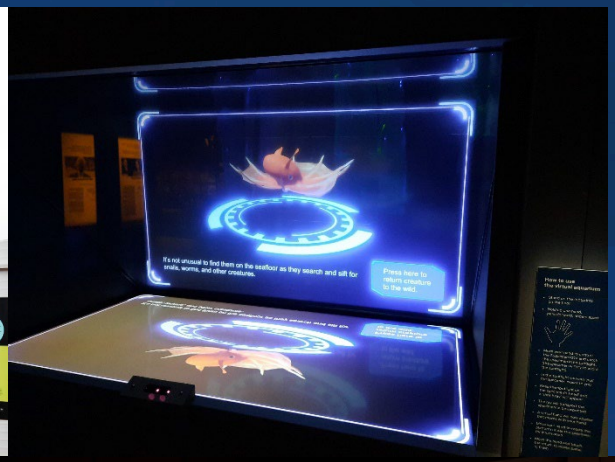
AUSTRALIAN NATIONAL MARITIME MUSEUM



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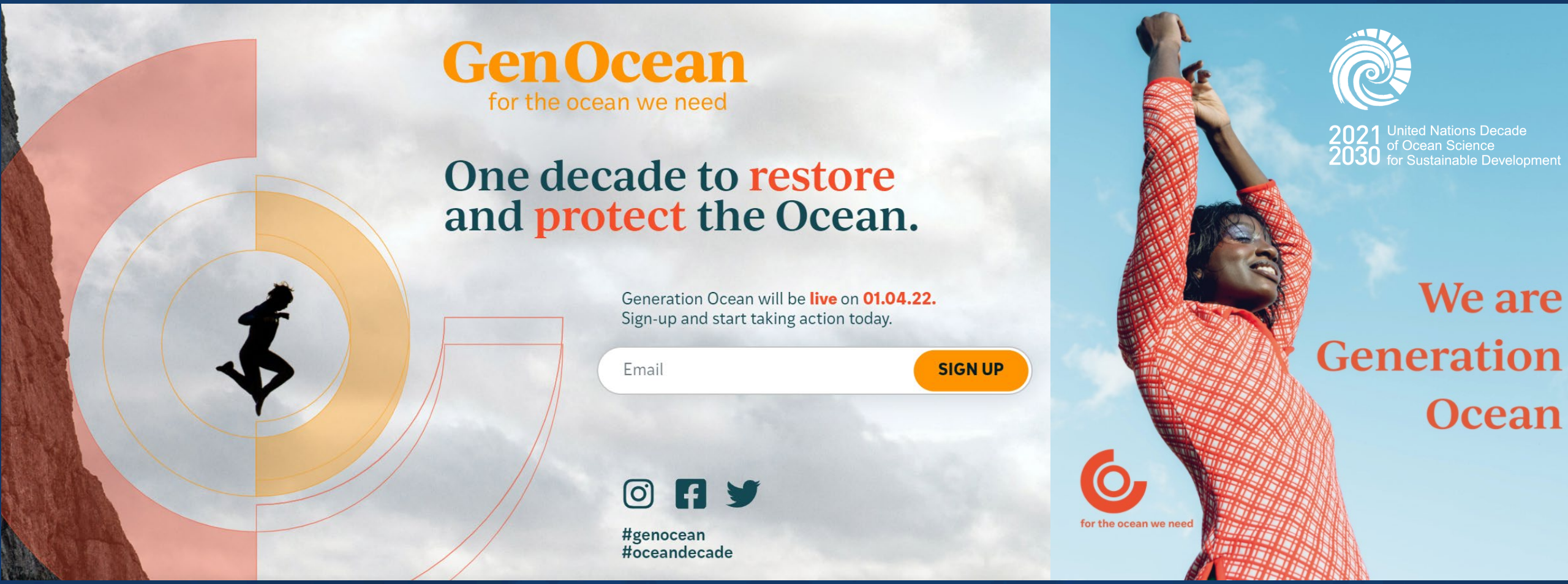

Novel Collaborations and Partnerships - Public Engagement

MOANA PASIFIKA

EarthX

KRAKEN

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Images: Boat International

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Questions for Consideration

- ✓ How does each partner break down silos and other barriers to achieve deep and effective relationships, create an environment of trust, and rise together to meet the ocean exploration challenge?
- ✓ How do partners gain acceptance of the communities the science is intended to help, so that data collection can be transformed into useful information for decision making?
- ✓ How does a partnership achieve a shared vision when its members and stakeholders have differing motivations and mission needs, or operate under different authorities that may be competing with one another?
- ✓ Once overlapping and complementary needs are identified, how should they be communicated (and to whom) so that duplicative efforts are minimized, particularly when resources are limited?