Blue Economy Workforce Development

How will we cultivate a workforce to support the Blue Economy?

Liesl Hotaling, Eidos Education
Effective partnerships between the research, business, military and education communities are needed to provide skills development opportunities.

To be inclusive, these opportunities must also encourage transnational, inter-sectoral, interdisciplinary mobility and address the two workforce pools (professional and technicians).
Transnational
Inter-sectoral
Interdisciplinary
European Commission
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+ ICT skills + foreign languages

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Maritime clusters can facilitate the business-education cooperation process
**Sectors of the Blue Economy**

**Harvesting of Living Resources** (Fisheries, Aquaculture, Marine Biotechnology)
Drivers: Food security, Pharma R&D

**Extraction of Non-Living Resources** (Seabed Mining, Oil and Gas, Alternative Energies, Fresh Water)
Drivers: Minerals, Energy Sources, Freshwater Shortages

**Commerce** (Shipping, Ports, Tourism, Coastal Development)
Drivers: Growth in Shipping, Global Tourism, Coastal Urbanization

**Ocean Health Challenges** (Monitoring, Coastal Protection, Carbon Sequestration, Waste Disposal)
Drivers: R&D in Ocean Technologies, Conservation Activities
Workforce pools
Effective partnerships and coordination
How can we best work together to create bridges for retiring and separating service people to more easily transition into industry?
How do we expose / inform students of OceanSTEM opportunities at the K-16+ level knowing that regular coursework is not doing this job for us?
Blue Workforce Development Summary:
• Partnerships and Coordination
• Transnational
• Inter-sectoral
• Interdisciplinary
• Workforce preparation