

Talking to Industry: Results of D7.5 and D7.7

Final ATLAS General Assembly, Edinburgh, March 2020

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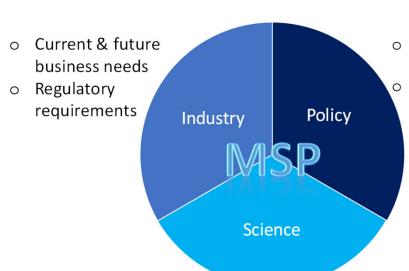
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Ensure that policy makers and stakeholders have access to ATLAS findings, thus allowing improved scientific knowledge to encourage innovation in maritime industries and promote a sustainable exploitation of Atlantic marine resources



- Regulations, guidelines, standards
- National, regional & international processes

- o Environmental baselines & impacts
- o Regional assessments
- o Environmental predictions

WP 7. Interfacing science and policy to inform key agreements



• D7.5 – Industry reactions to **ATLAS** recommendations

D7.7 – Policy Brief



Industry reactions to ATLAS re

Project acronym

Grant Agreement: Deliverable number Deliverable 7.5

ATLAS

678760

agreements

Boschen-Rose, David

D7 5 Industry reactions to Engaging with industry to spur Blue Growth

Rachel F. Boschen-Rose. "Maria Adelaide Ferreira". David F. Johnson and Matthew Gianni

ABSTRACT





Boschen-Rose, R.E., Ferreira, M.A., Johnson, D.E. and Gianni, M., 2020. Engaging with industry to spur Blue Growth. In: Mulviere, G. and Navas, F. (eds.), Proceeding: from the International Contral Symposium (ICS) 2020. [Sextlle, Spain). Journal of Contral Research, Special Issue No. 95, pp. x.—x. Coccount Creek [Crisch, ISSN 0749-

Cocount Creek, Florida

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ADDITIONAL INDEX WORDS: Blue Growth, Blue Economy, North Atlantic, marine spatial planning

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*Corresponding nuthor: Rachel boschen-

2020

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www.eu-atlas.org

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Deliverable 7.5

Industry reactions to ATLAS re

| Project acronym: | ATLAS |
|---------------------|---|
| Grant Agreement: | 678760 |
| Deliverable number: | D7.5 |
| Deliverable title: | Industry reactions to |
| Work Package: | WP7: Policy integrati agreements |
| Date of completion: | 30 August 2019 |
| Authors: | Matthew Gianni, Ma Boschen-Rose, David |

2020 Engaging with industry to spur Blue Growth Rachel F. Boschen-Rose. "Maria Adelaide Ferreira". David F. Johnson and Matthew Gianni Gianni Consultant ABSTRACT

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interviews, questionnaires and ve-scenarios with 10 major Blue complexities of Blue Growth in sharing opportunities. ATLAS-expectations, and levels of under

ADDITIONAL INDEX WORDS

INTRODUCTION
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International Coastal Symposium 2020

(ILBI) under the United Nations Convention on the Law of the Sea on the conservation and sustainable use of marine biological diversity of areas beyond nation jurisdiction (BBNJ) (UN,

POLICY BRIEF Policy opportunities and challenges for Blue Growth Rob Tinch, Rachel Boschen-Rose, Maria Adelaide Ferreira & David Johnson tional locations for existing activities. Coordinating these activities inger; SDG7: Affordable and Clean Energy; SDG8: Decent Work or integration between marine sectors is being actively fostered initiatives, including the United Nations' 'Decade of Ocea new international treaty for conservation and sustainable use of

Blue Growth sectors



The expanding but sustainable use of ocean resources for economic growth, improved livelihoods and ocean ecosystem health



Fisheries



Biotechnology



Shipping/Cargo



Tourism (Cruise, whale watching)



(Underwater Tech., Big data, Automation)

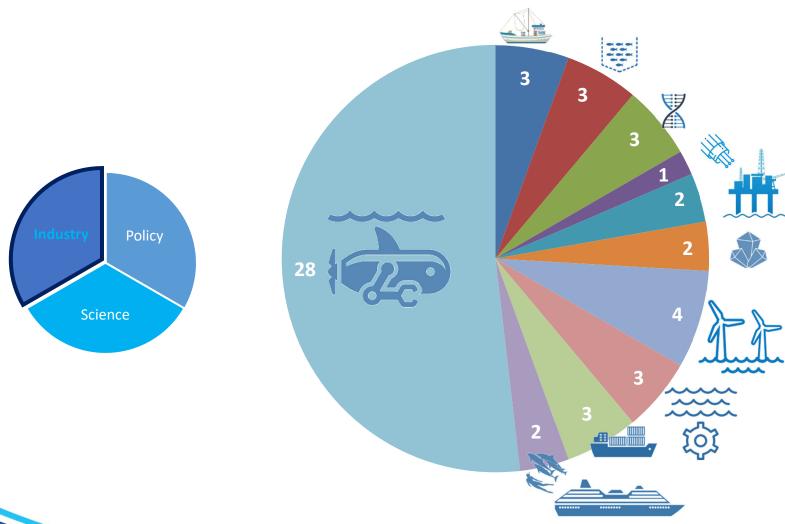






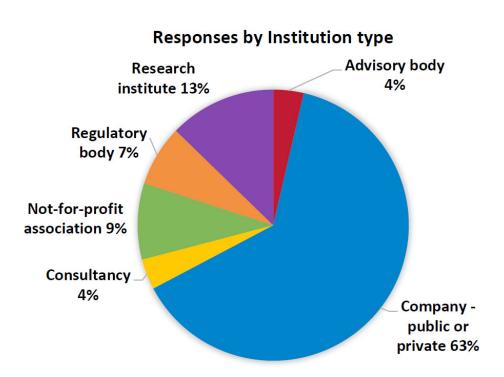
Engaging with Industry (Feb-Jul 2019)



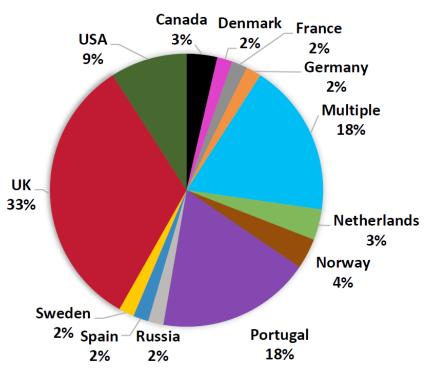


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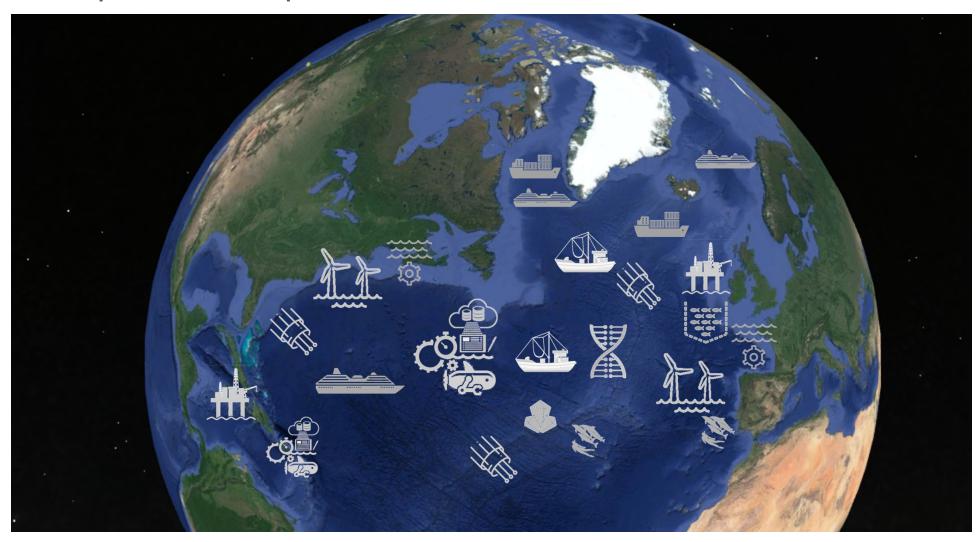
Responses by Country



N ATLANTIC: BG PROSPECTS



Expected to expand across all sectors in the next decade



N ATLANTIC: BG OPPORTUNITIES





Growing demand for resources



Geopolitical considerations



New and cheaper technologies



Cleaner technologies



Global SDG progress













N ATLANTIC: BG CHALLENGES





• Harsh ocean environment



High costs of technology development



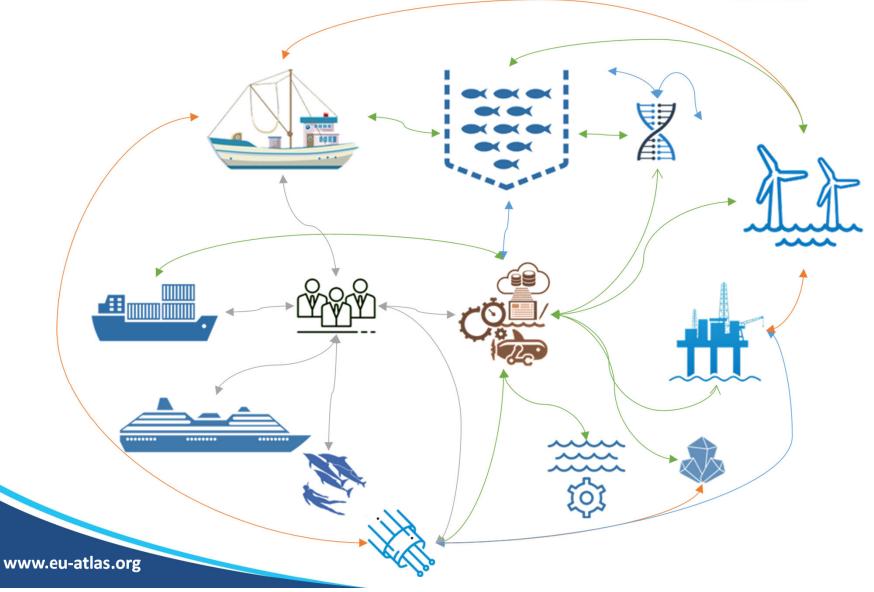
Regulatory uncertainty



- Science and technology
 - 2021-2030 UN Decade of Ocean Science for SD

COLLABORATION & COORDINATION





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Commercial arrangements



Shared infrastructure



"Circular economy" initiatives



New financing initiatives

CLIMATE CHANGE AND BG



Multiplying effect for the challenges and the opportunities for sustainable BG



Effectiveness of existing MPAs could be threatened by CC





• Direct impact on several marine sectors



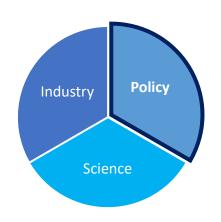
Economic driver



New opportunities for shipping and tourism

POLICY NEEDS – ILBI for BBNJ







• May not directly influence business plans for some Blue Economy actors in N Atlantic





Possible *indirect* impacts





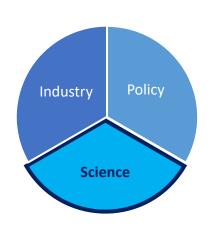
• Potential opportunities

RESEARCH NEEDS





Knowledge





Coordination and collaboration



• Environmental Impact Assessments



Monitoring



Climate change adaptation strategies

ATLAS contribution to BG research needs atla

- Increasing basin scale scientific knowledge, to inform policy and management.
- Scientific knowledge base can inform development of international policies to ensure deep-sea Atlantic resources are managed effectively.
- Contribution to EC's long-term BG strategy
- Key role in supporting MSP for effective use of marine space and enhanced collaboration/reduced conflict between BG sectors.
- Basin-scale resolution of environmental data collected by ATLAS may not provide the information needed for specific decisions on infrastructure placement (site scale).
- Important insight into environmental considerations/challenges that will need to be assessed in the move to deeper waters.
 - Scientific findings at the basin scale (currents, circulation, habitat suitability and biogeography), are important in the context of the REMP for the northern Mid-Atlantic Ridge being developed by the ISA for polymetallic sulphide mining activities.



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Thank You



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