

# SOCIB: Multi-platform Ocean Observing and Forecasting Infrastructure

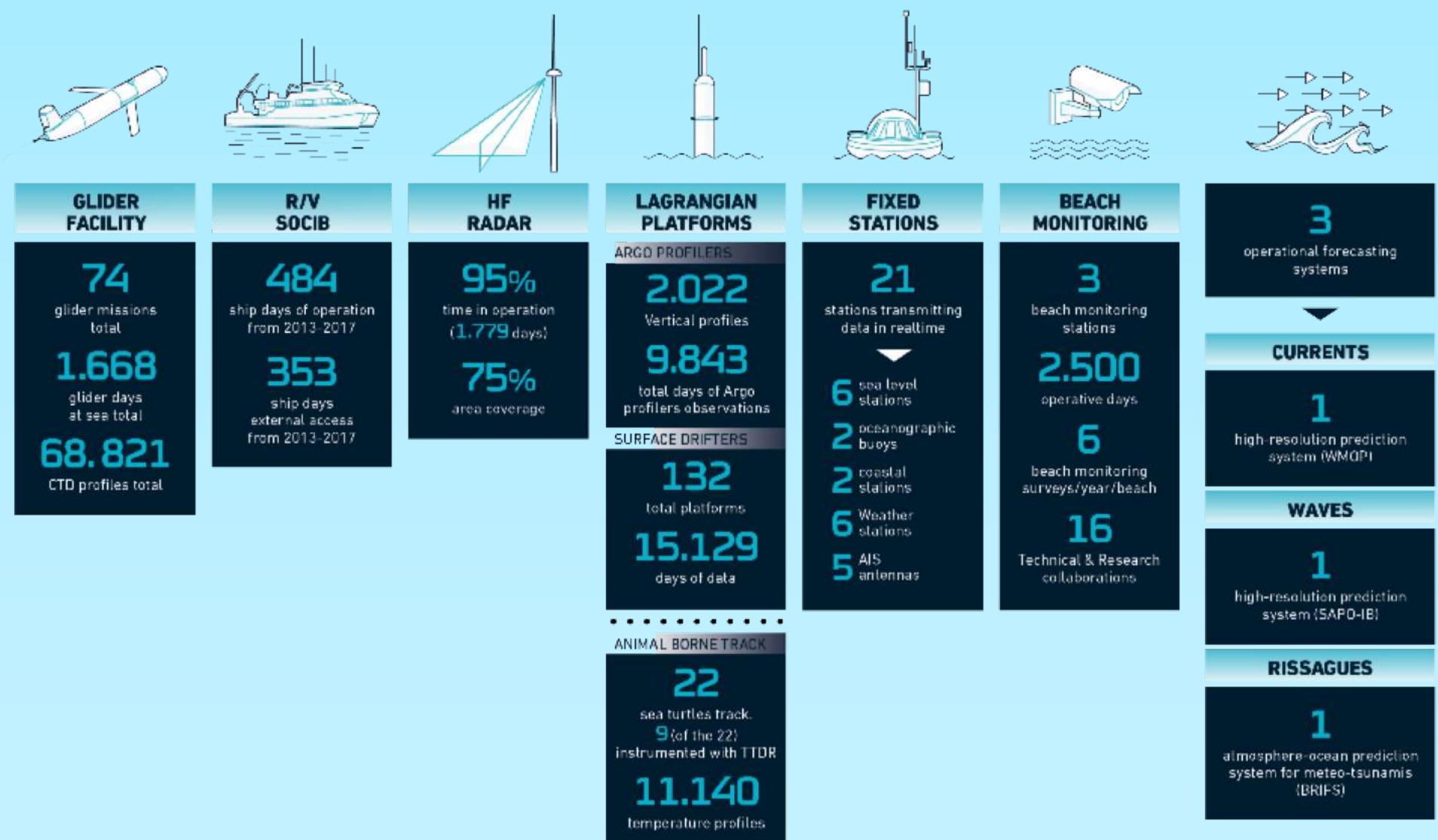
Scientific excellence with impact on society

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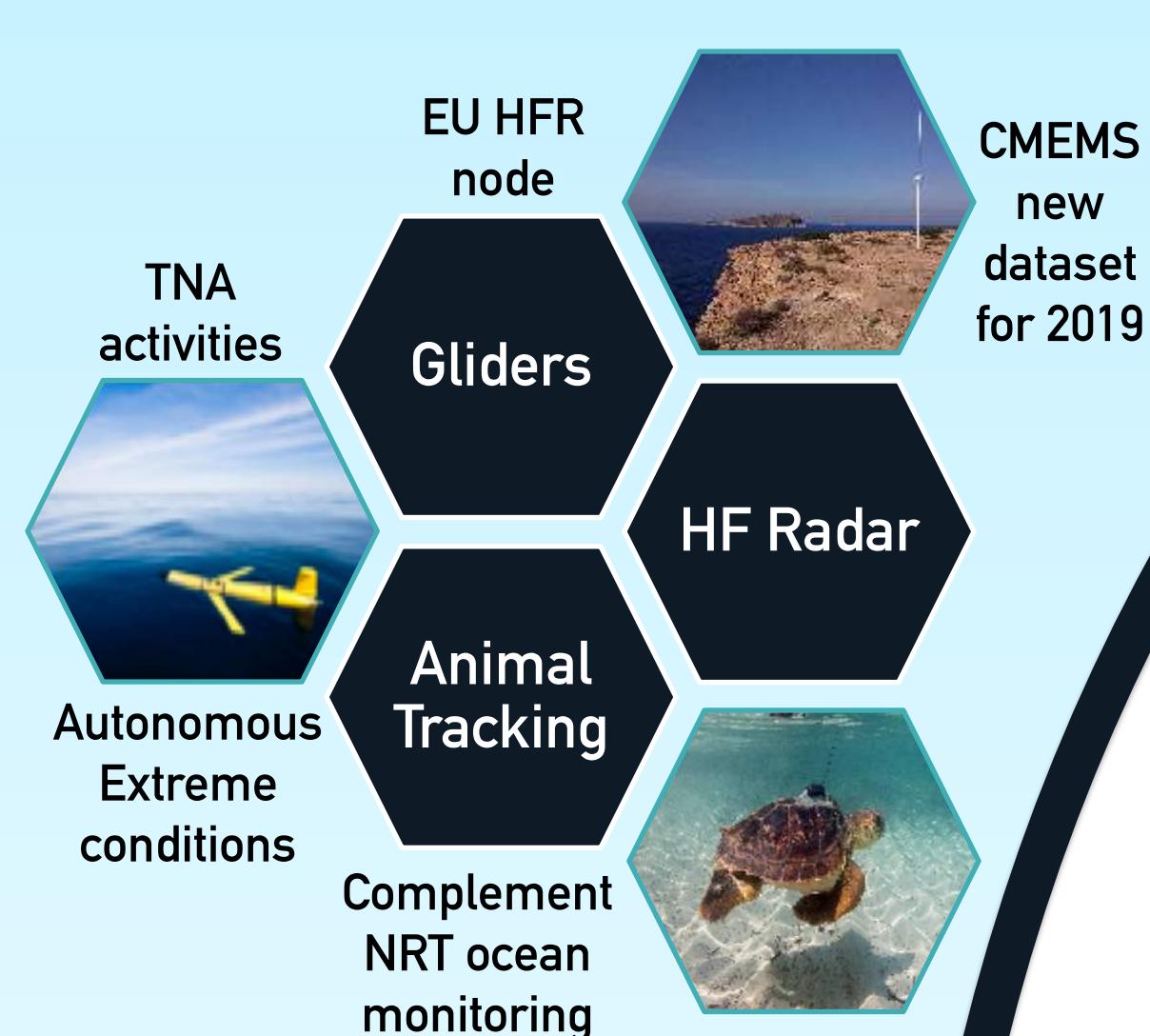
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## Infrastructures

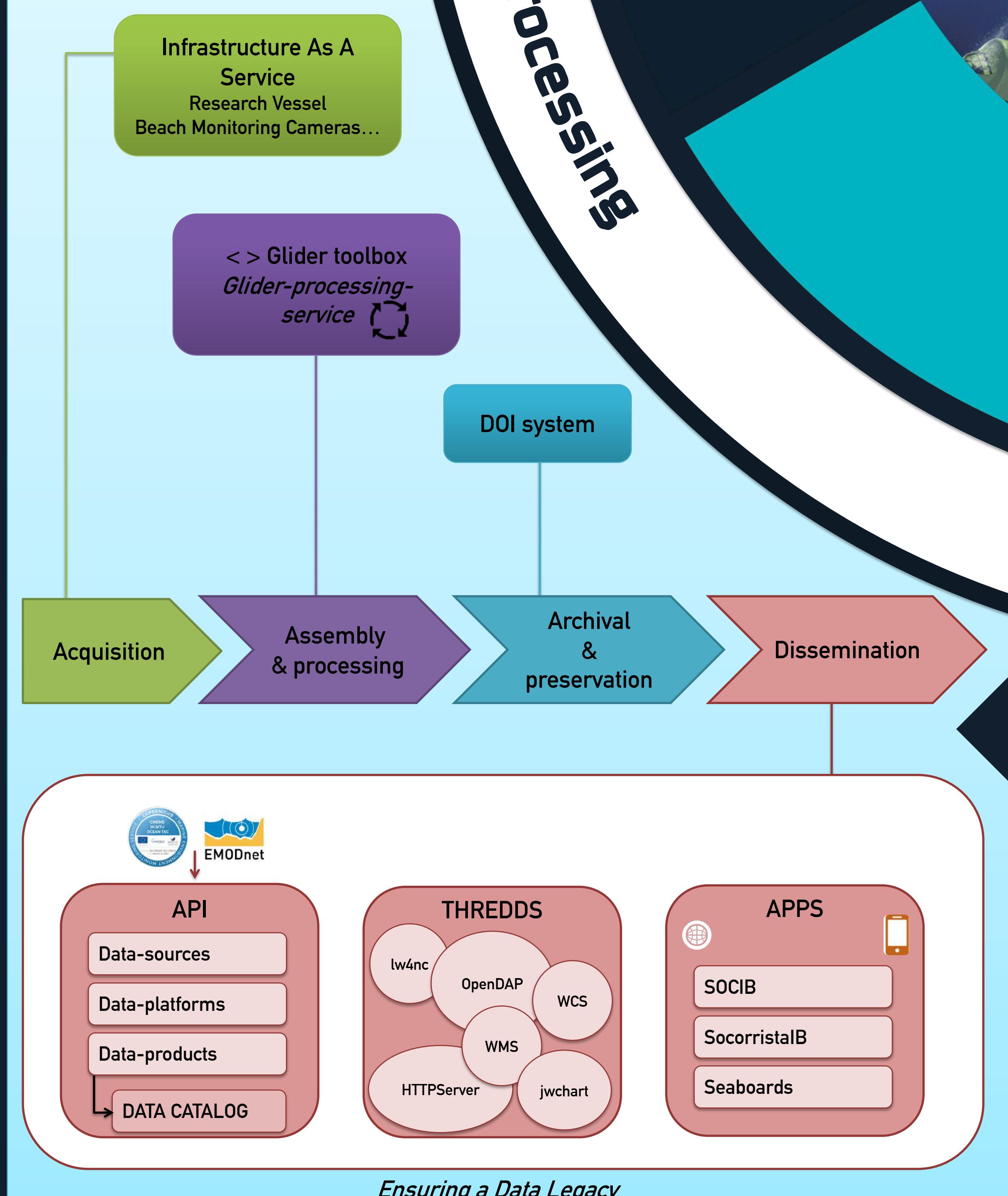
Multi-platform observing system and forecasting models from near-shore to open ocean



### New Technologies



## Data Services



## References

- Alvarez-Berastegui, D., M. Hidalgo, M. P. Tugores, P. Reglero, A. Aparicio-González, L. Ciannelli, M. Juza, B. Mourre, A. Pascual, J. L. López-Jurado, A. García, J. M. Rodríguez, J. Tintoré and F. Alemany (2016). "Pelagic seascape ecology for operational fisheries oceanography: modelling and predicting spawning distribution of Atlantic bluefin tuna in Western Mediterranean." *ICES Journal of Marine Science* 73(7): 1851-1862.  
Hernández-Carrasco, I., A. Orfila, V. Rossi and V. Garçon (2018). "Effect of small scale transport processes on phytoplankton distribution in coastal seas." *Scientific Reports* 8(1): 8613.  
Mourre, B., E. Aguilar, M. Juza, J. Hernández-Lasheras, E. Reyes, E. Heslop, R. Escudier, E. Cutolo, S. Ruiz, E. Mason, A. Pascual and J. Tintoré (2018). "Assessment of high-resolution regional ocean prediction systems using multi-platform observations: Illustrations in the Western Mediterranean Sea". *New Frontiers in Operational Oceanography. GODAE OceanView*. E. P. Chassignet, A. Pascual, J. Tintoré and J. Verron. Tallahassee, Florida: 815.

## Ocean Observing and Science for 2030 Agenda

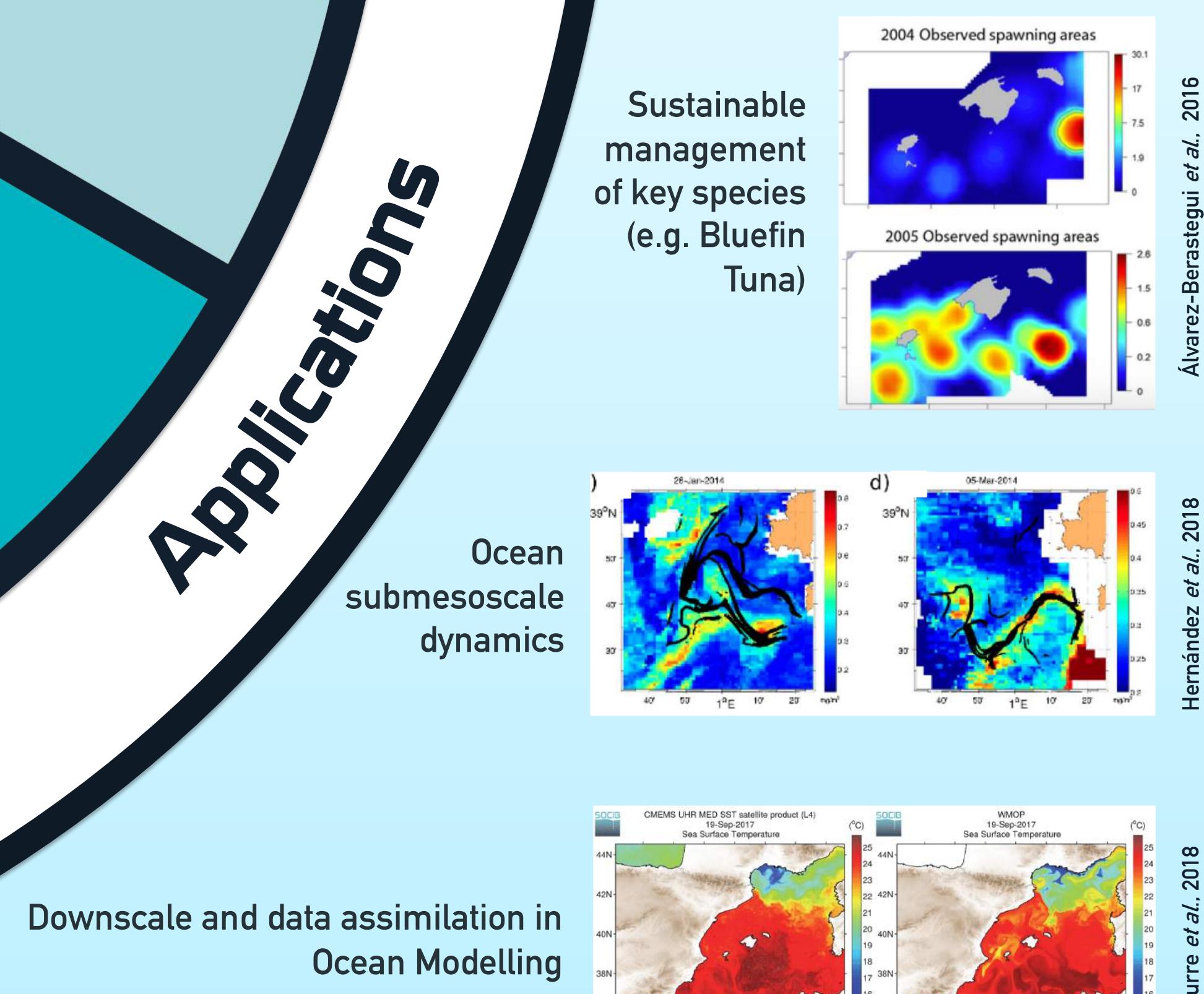
### SUSTAINABLE DEVELOPMENT GOALS

#### Impacts

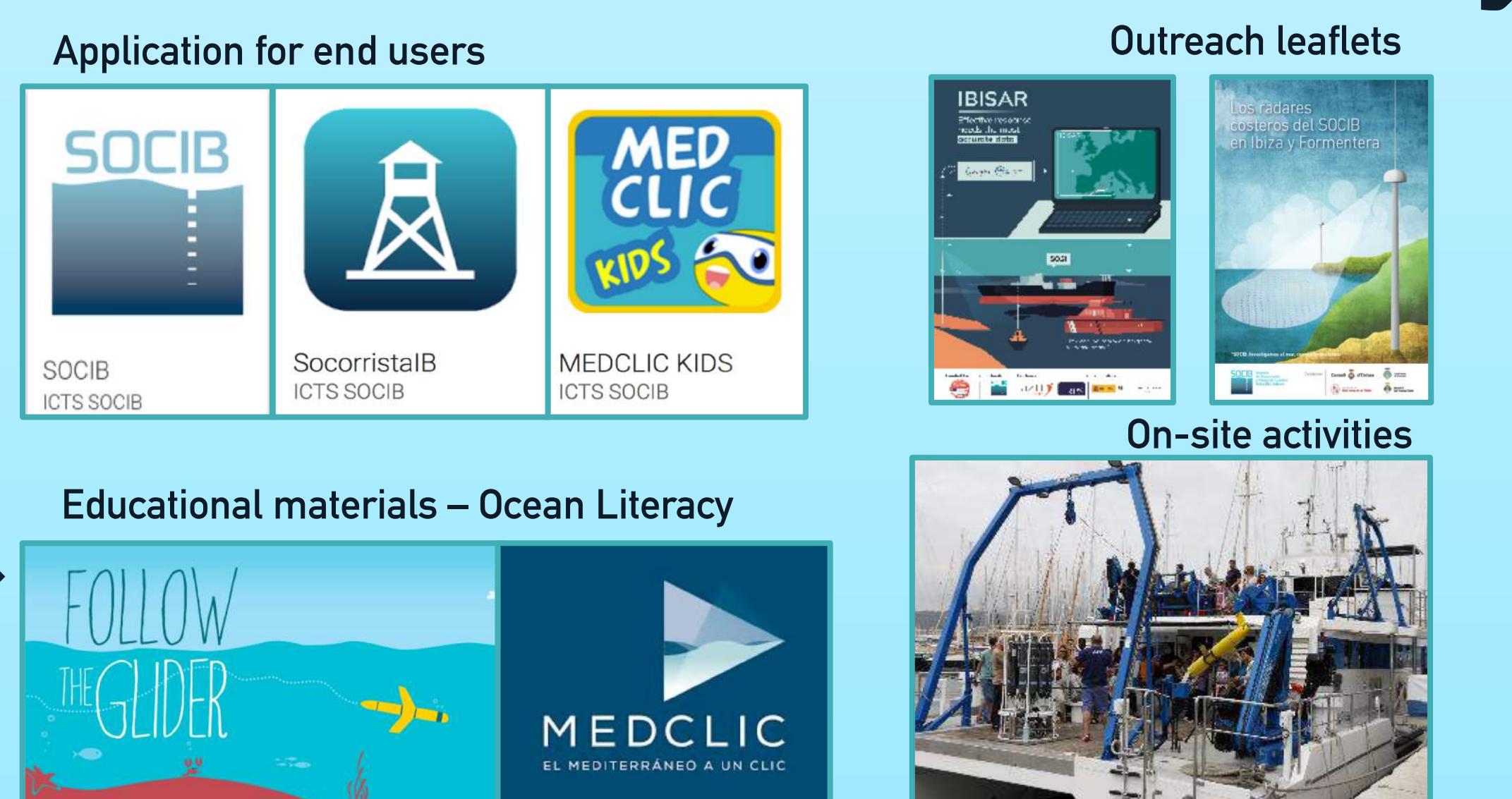
Mission - oriented innovation strategy and multi-sector engagement



## Science



## with and for Society



SOCIB scientific contributions 2014-2019

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