

Development of a national marine spatial planning process by CIRM

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Development of a national marine spatial planning process

by Brazilian Government (Government)

#OceanAction19704

Global Challenges:

- conserve and sustainably use the oceans, seas and marine resources for sustainable development (Sustainable Development Goal 14)
- at least 1/3 of the world's EEZ surface area covered by approved MSPs, by 2030 *

* (Charles N Elher , Intergovernmental Oceanographic Commission –IOC , 2nd International Conference on MSP, Paris 15-17MAR 2017)



MSP in the world -2017

In 2017:

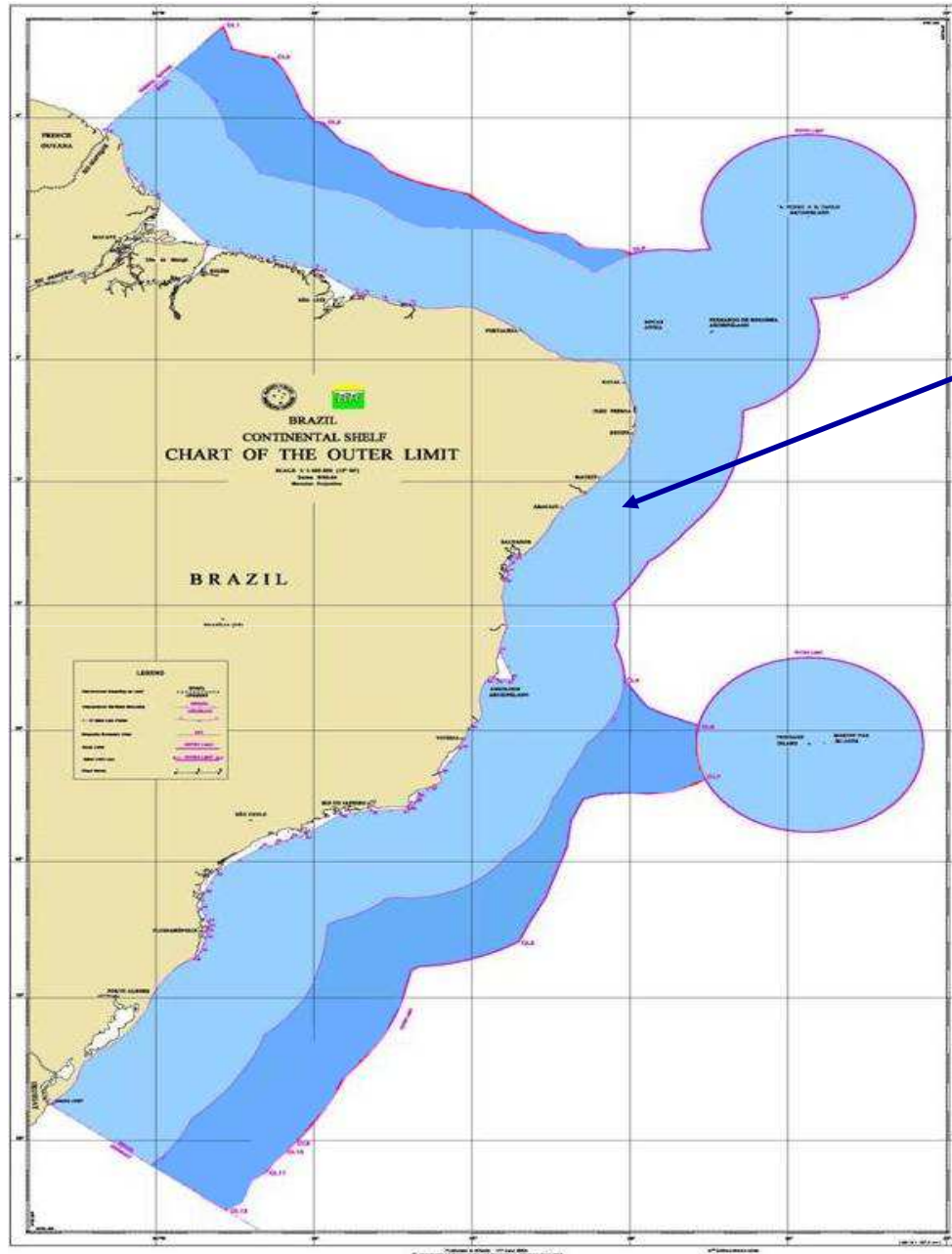
- Only 53% of existing MSP had EEZ spatial coverage *
- Aproved MSP corresponded to nearly 15% of the world's EEZ surface area *

No MSP in
westside of the
South Atlantic

Sources:

<http://msp.ioc-unesco.org/>

* Charles N Elher , Intergovernmental Oceanographic Commission –IOC , 2nd
International Conference on MSP, Paris 15-17MAR 2017



Brazilian EEZ

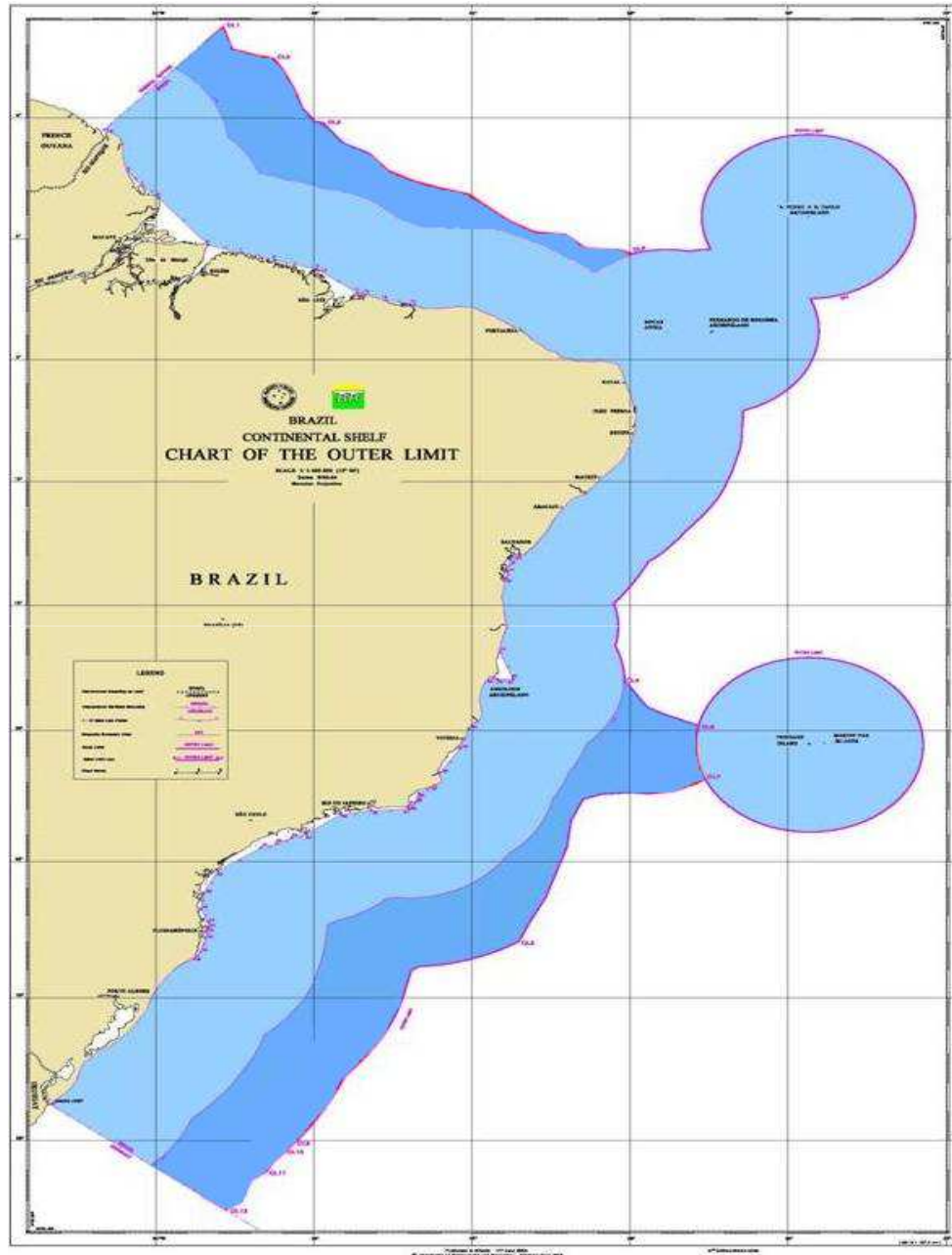
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**2,3% of the world's
EEZ**

**Marine area under Brazilian
jurisdiction (TS+EEZ+CS)
= 4.471.000 Km²**

52% of Brazil's land area





- Brazil, through CIRM, is working to develop a national MSP.
- Global Challenge: implement MSP in 1/3 of the world's EEZ surface area by 2030.





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Deliverables:

- Dec/2017** - Capacity building **MSP** course for government officials and the Group of Technical Advisers involved in the work plan of the Working Group on the Shared Uses of the Marine Environment (UCAM-WG).
- Dec/2018** - Diagnostic map (covering the Territorial Sea, the Exclusive Economic Zone and the Continental Shelf) with spatial distribution of uses.
- Dec/2018** - Updated version of the VADE MECUM of the Marine Environment, compiling Federal Legislation on the shared uses of the marine environment.
- Nov/2020** - Adoption of recommendations on possible guidelines for the development and implementation of **MSP**.



Background about MSP in Brazil:

2013- CIRM created the Working Group on Shared Uses of the Marine Environment (UCAM-WG).

2014- The Legislation Subgroup (LEG) and Marine Spatial Planning Subgroup (MSP) were set up within the WG.

2017- Approved a Work plan aiming the establishment of a national marine spatial planning process.

2017- 20 government officials attended MSP in practice course . This capacity building initiative was held in Brazil, through a SECIRM - Blue Solutions partnership.

2018 - approval of the ToR for contracting a technical adviser to elaborate the diagnostic of the current conditions and to propose guidelines for the development and implementation of MSP at a national level .





[Blue Planning in Practice: a Brazilian trip to Bakul!](#)

Written by Jan Kleine Büning, Blue Solutions Initiative

The Blue Solutions Initiative and the Brazilian Navy jointly convened a training on Marine Spatial Planning (MSP) from 20-24 November 2017 near Rio de Janeiro. Representatives of the federal inter-ministerial working group on MSP participated in the course and jointly discussed potential pathways for integrated marine and coastal policies in the country.



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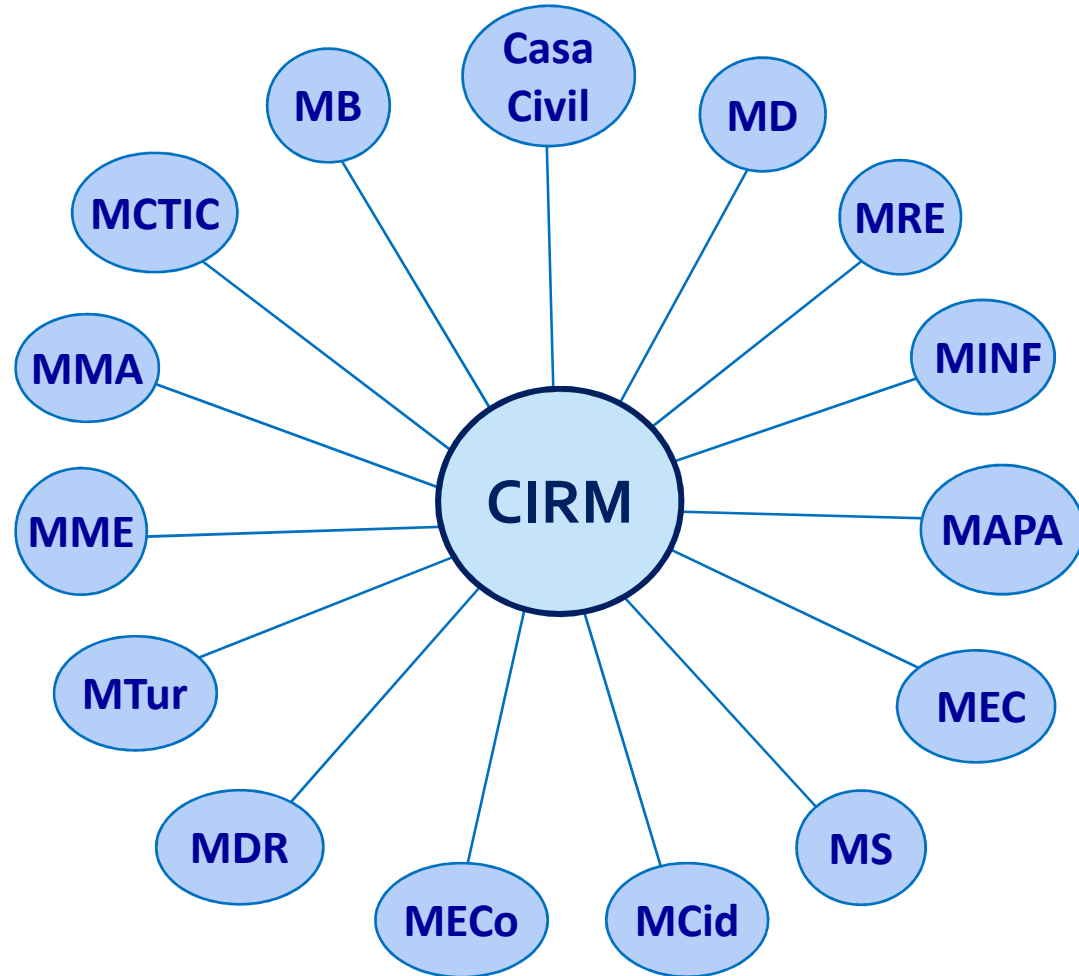
Guided by a trainer team, the participants went through a diverse program of casework on the different elements of a Marine Planning Process, including information gathering or role-plays that simulated negotiation processes between different stakeholders and the challenge to convince key political players for their support in the planning process.



**Mandated
Multilateral
Forum**



**Interministerial
Commission for
Sea Resources
(CIRM)**



- Provide guidance for effective utilization, exploitation and sustainable use of the natural resources in the marine area under Brazilian jurisdiction.



CIRM was created in 1974 and is represented by 15 members

- Civil House of the Presidency of the Republic (**Casa Civil/PR**)
- Ministry of Defense (**MD**)
- Ministry of Foreign Affairs (**MRE**)
- Ministry of Infrastructure (**MINF**)
- Ministry of Agriculture, Livestock and Food Supply (**MAPA**)
- Ministry of Education (**MEC**)
- Ministry of Health (**MS**)
- Ministry of Citizenship (**MCid**)
- Ministry of Economy (**MECo**)
- Ministry of Regional Development (**MDR**)
- Ministry of Tourism (**MTur**)
- Ministry of Mines and Energy (**MME**)
- Ministry of the Environment (**MMA**)
- Ministry of Science, Technology, Innovations and Communications (**MCTIC**)
- Brazilian Navy (**MB**)



Brazil's strengths:

Legal framework

- National Maritime Policy (PMN)
- National Policy for the Sea Resources (PNRM)
- Federal Government Pluriannual Plan (PPA 2016-2019)
- Sectorial Plan for the Sea Resources (PSRM IX)

Access to federal information and strategic plans

Academic multidisciplinary expertise engagement



CIRM proposal for 2019 - 2020:

- 2 capacity-building courses on MSP for 40 government officials and CIRM representative members, in Brazil.
- Hiring technical advisers to elaborate the diagnostic of the current conditions and to propose guidelines for the development and implementation of MSP in Brazil.
- 2 seminars and/or workshops on MSP.
- Publish the results of the “UCAM-WG” work plan.



In order to play its role concerning national development and carry out its institutional mission, CIRM has developed the following programs:

- Scientific Studies on Trindade Island



- Promote research studies on Trindade and Martin Vaz Islands.



In order to play its role concerning national development and carry out its institutional mission, CIRM has developed the following:

- Scientific Studies Program in the Archipelago of São Pedro and São Paulo



- Promote research studies on São Pedro and São Paulo Islands.



In order to play its role concerning national development and carry out its institutional mission, CIRIM has developed the following:

- Marine Biotechnology



BIOMAR

- Promote research studies and sustainable exploitation of biotechnological potential of marine biodiversity.



In order to play its role concerning national development and carry out its institutional mission, CIRM has developed the following:

- Aquaculture and Fisheries



- Contribute to the sustainable development of mariculture and fishing in oceanic zones under national jurisdiction.



In order to play its role concerning national development and carry out its institutional mission, CIRM has developed the following:

-Brazilian Program on Evaluation of the Mineral Potential of the Brazilian Legal Continental Platform

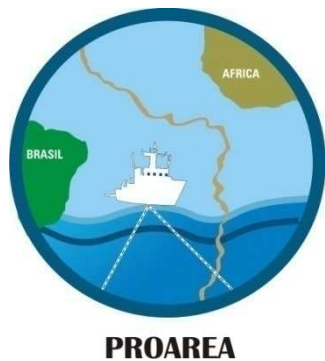


- Identify areas with mineral potential and encourage research activities that involve the technological development and innovation.



In order to play its role concerning national development and carry out its institutional mission, CIRM has developed the following:

- Prospecting and Exploration of Mineral Resources of the International Area of the South Atlantic and Equatorial



- Identify areas of economic and political-strategic importance for Brazil, which are not under the jurisdiction of any country.



In order to play its role concerning national development and carry out its institutional mission, CIRM has developed the following:

- Education and Training in Marine Sciences



PPG - Mar

- Strengthen the education and training on the production and dissemination of knowledge about the components, process and resources of the marine environment and coastal zone.



In order to play its role concerning national development and carry out its institutional mission, CIRM has developed the following:

- Brazilian Ocean and Climate Observation System



GOOS/Brasil

- Expand and consolidate a system for observation of the oceans, the coastal zone and the atmosphere, contributing to reduce risks and vulnerabilities due to extreme winds, climate variability and climate changes that affect Brazil.



In order to play its role concerning national development and carry out its institutional mission, CIRM has developed the following:

- Ocean Literacy Program



- Encourage and strengthen a marine knowledge among Brazilian population about the sea and its resources.

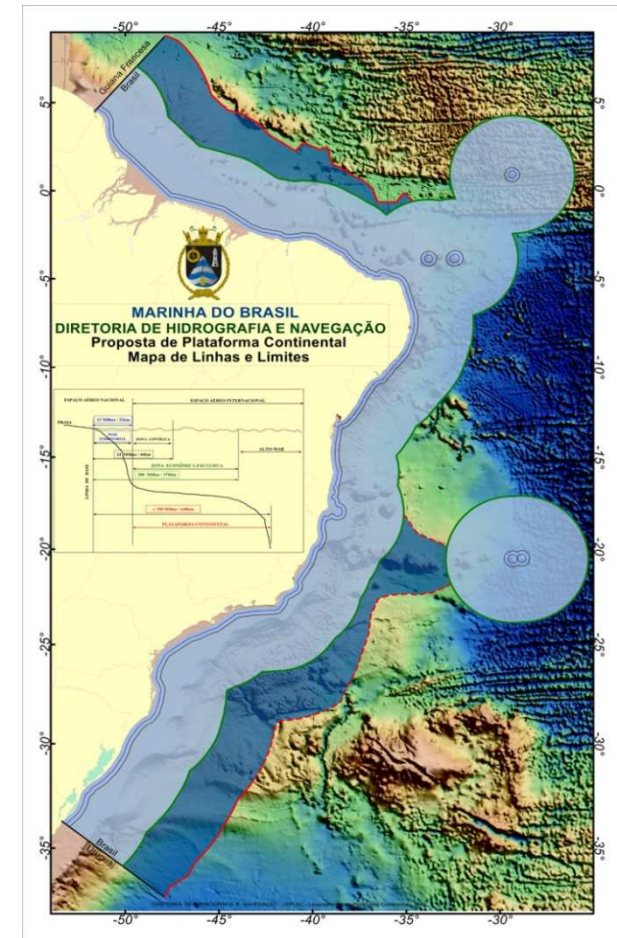


In order to play its role concerning national development and carry out its institutional mission, CIRIM has developed the following:

- Survey of the Brazilian Continental Shelf



- Establish the Brazilian continental shelf outer limit considering its legal approach.



In order to play its role concerning national development and carry out its institutional mission, CIRM has developed the following:

- Coastal Management Integration Group



- Guide the rational use of resources in the Coastal Zone.



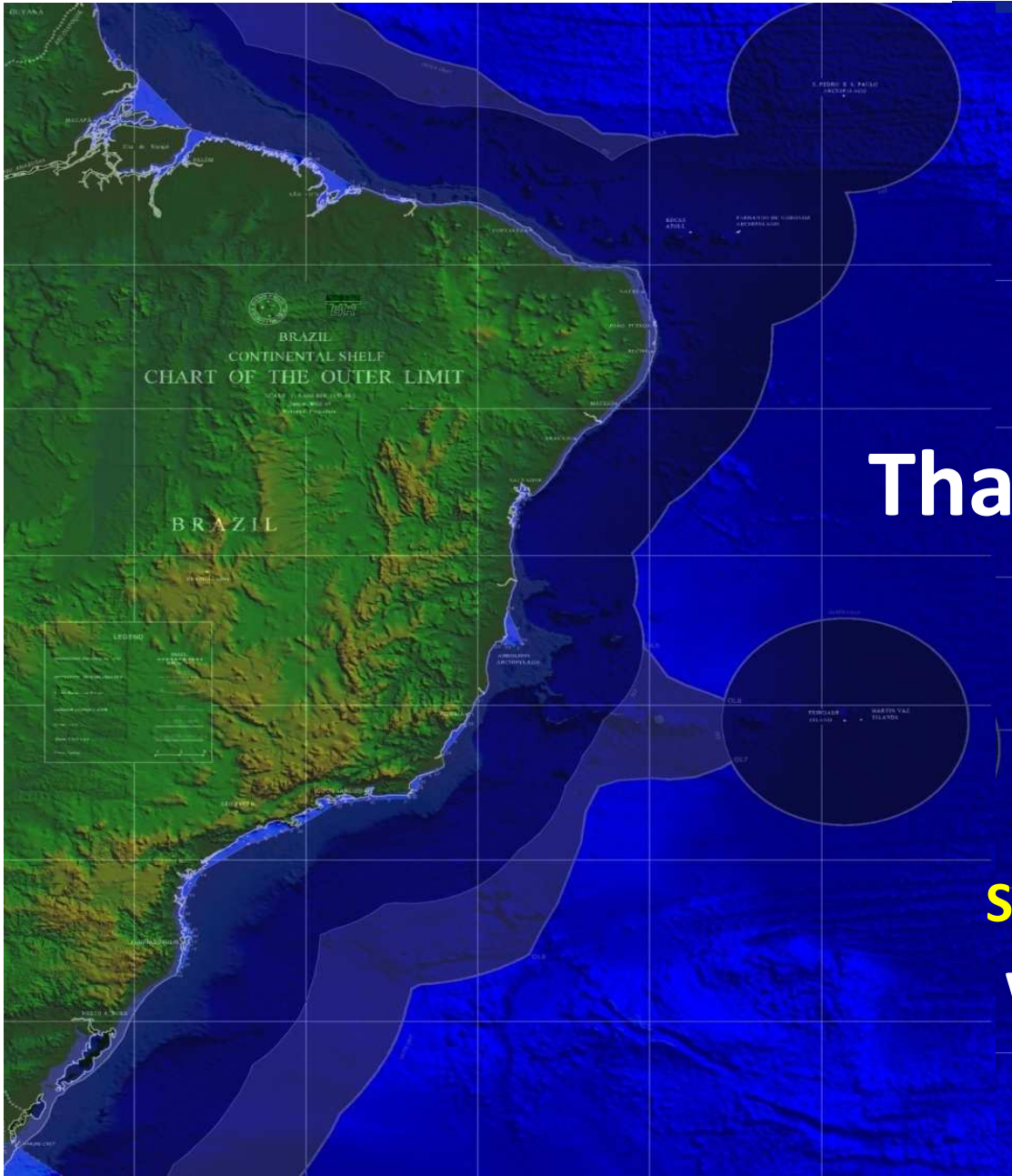
In order to play its role concerning national development and carry out its institutional mission, CIRM has developed the following:

- Brazilian Antarctic Program



- Guide the implementation of Brazil's objectives in Antarctica in order to meet the commitments of the Antarctic Treaty.





Thank you

Secretariat of the CIRM (SECIRM)
www.secirm.mar.mil.br
Commander Rodrigo Carvalho