

**2ND HIGH-LEVEL  
INDUSTRY-SCIENCE-GOVERNMENT  
DIALOGUE ON  
'ATLANTIC INTERACTIONS'**

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MINISTÉRIO DA CIÊNCIA,  
TECNOLOGIA E INOVAÇÃO SUPERIOR

MINISTÉRIO DA  
CIÊNCIA, TECNOLOGIA,  
INOVAÇÕES E COMUNICAÇÕES



# Brazil – some data

TOTAL AREA



**8.5**  
MILLIONS KM<sup>2</sup>

POPULATION



**206**  
MILLIONS  
2016

GDP



**1.77**  
US\$ TRILLION  
2015

EXPENDITURE  
ON R&D



**1,24%**  
OF GDP  
2013

SCIENTIFIC  
PRODUCTION



**2,37%**  
OF THE WORLD  
2015

SCIENTISTS AND  
RESEARCHERS



**180**  
THOUSAND  
2014

ENTERPRISES  
INDUSTRIAL SECTOR



**512**  
THOUSAND  
2015

INNOVATION  
RATE



**35%**  
INDUSTRIAL SURVEY  
OF TECHNOLOGICAL  
INNOVATION

RANKING  
INNOVATIVE COUNTRY



**69<sup>TH</sup>**  
128 COUNTRIES  
2014

COMPETITIVENESS  
INDEX

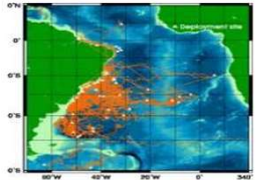


**81<sup>ST</sup>**  
138 COUNTRIES  
2014

# ST&I as a basis for sustainable development



# Ocean Sciences



Brazil is leading a state-of-the-art science in the oceans with intense international cooperation:

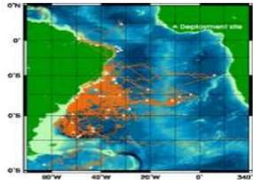
## South – South:

Scientific agenda for the Atlantic and Southern Ocean, co-lead with South Africa

## South – North:

Belem Declaration (BR-EU-ZA) promotes links between the S-S scientific Agenda with the Atlantic Ocean Research Alliance, in the Galway Statement (USA-EU-CAN)

# Ocean Sciences



## AIR Center

Strong potential for the alignment of many Atlantic nations towards a multi cooperation in ocean and space sciences, climate, big data and technologies

### Areas include, inter alia:

Ocean modelling and forecast, food security (aquaculture), continent-ocean-atmosphere interactions, renewable energy, biodiversity, ocean literacy, polar sciences and others

### Important documents:

South-South Framework for the Atlantic (BR + ZA)

Belem Statement (EU+BR+ZA)

Atlantic Interactions (AIR Center Agenda)

# Ilhas como observatórios oceânicos





**Obrigado**

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