



TRAFIG - Marine TRAnsportation, port Frequentation and environmental Inequalities in the Caribbean

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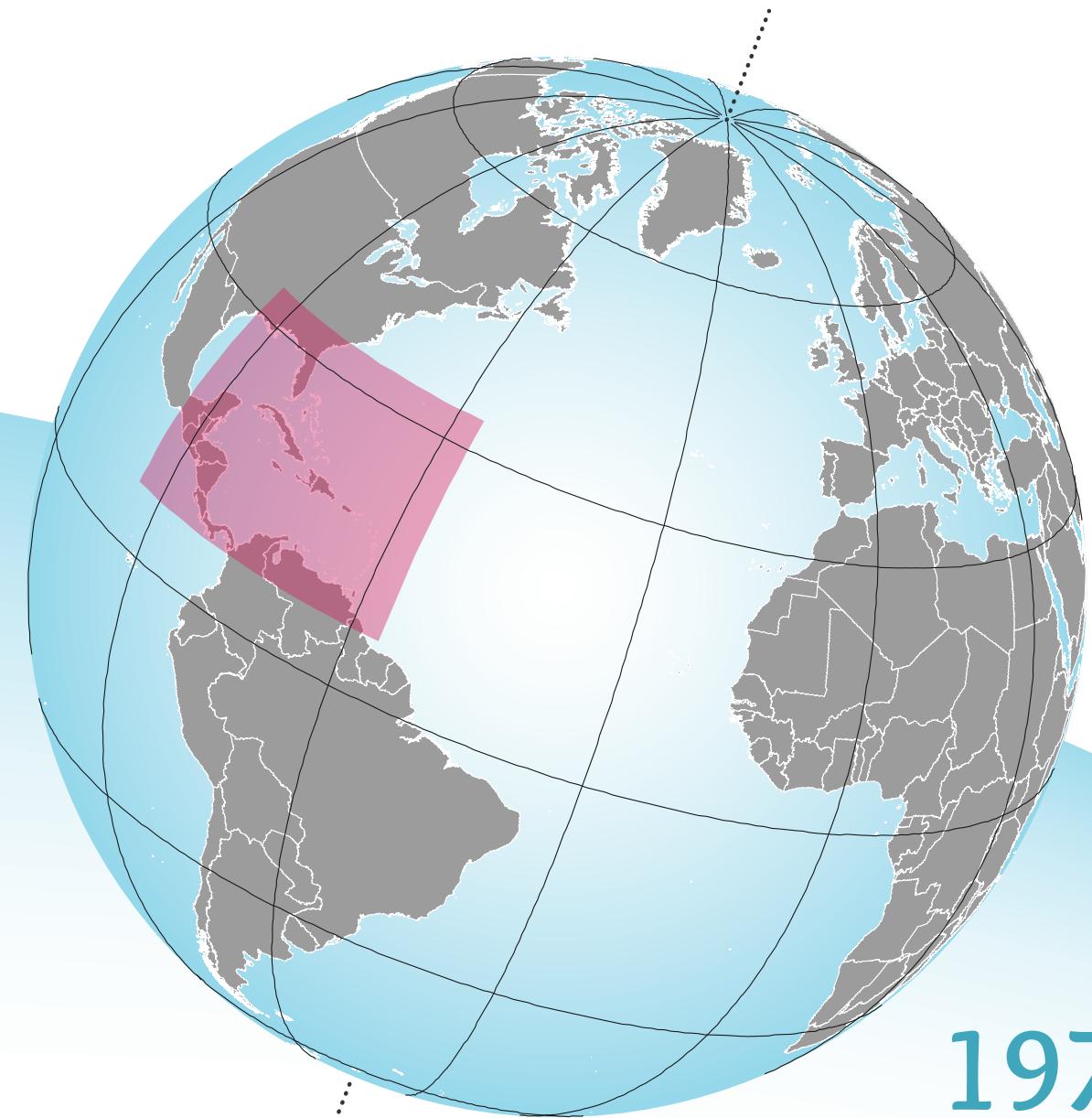
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TRAFIG

Eric FOULQUIER, Iwan LE BERRE, Laurence DAVID

TRAnsport maritime
Fréquentation portuaire et
Inégalités environnementales dans les
Caraïbes

Background

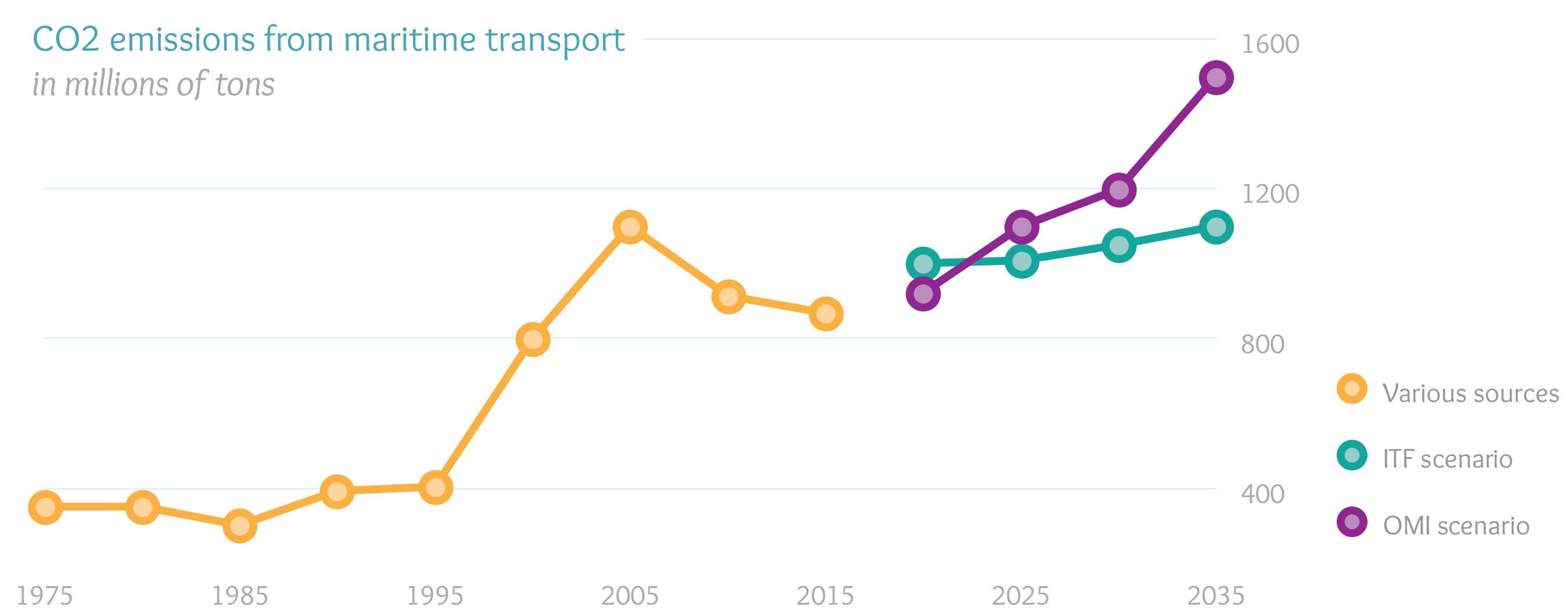


1975 • 2035

The contribution of global shipping to GHG emissions has grown steadily since the 1970s.

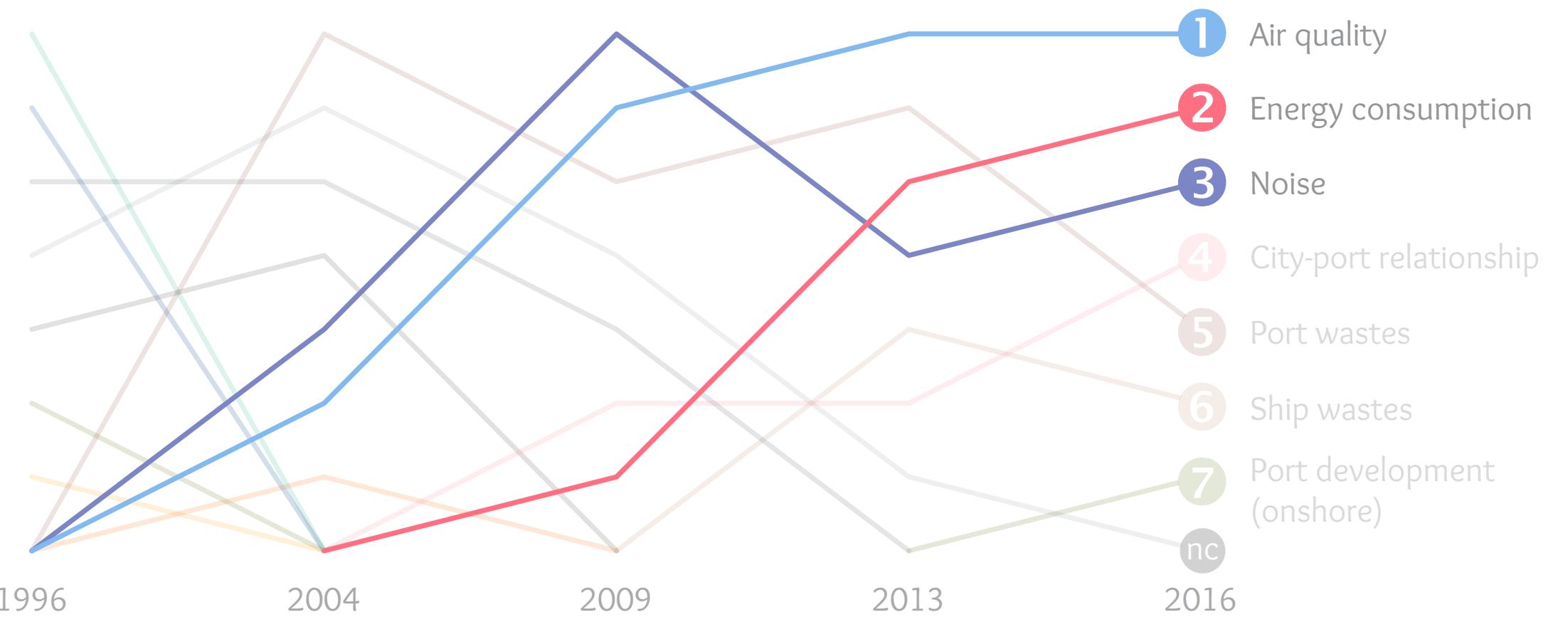
In contrast to international recommendations on climate change, the outlook for 2035 shows exponential growth in emissions in absolute terms.

CO2 emissions from maritime transport in millions of tons

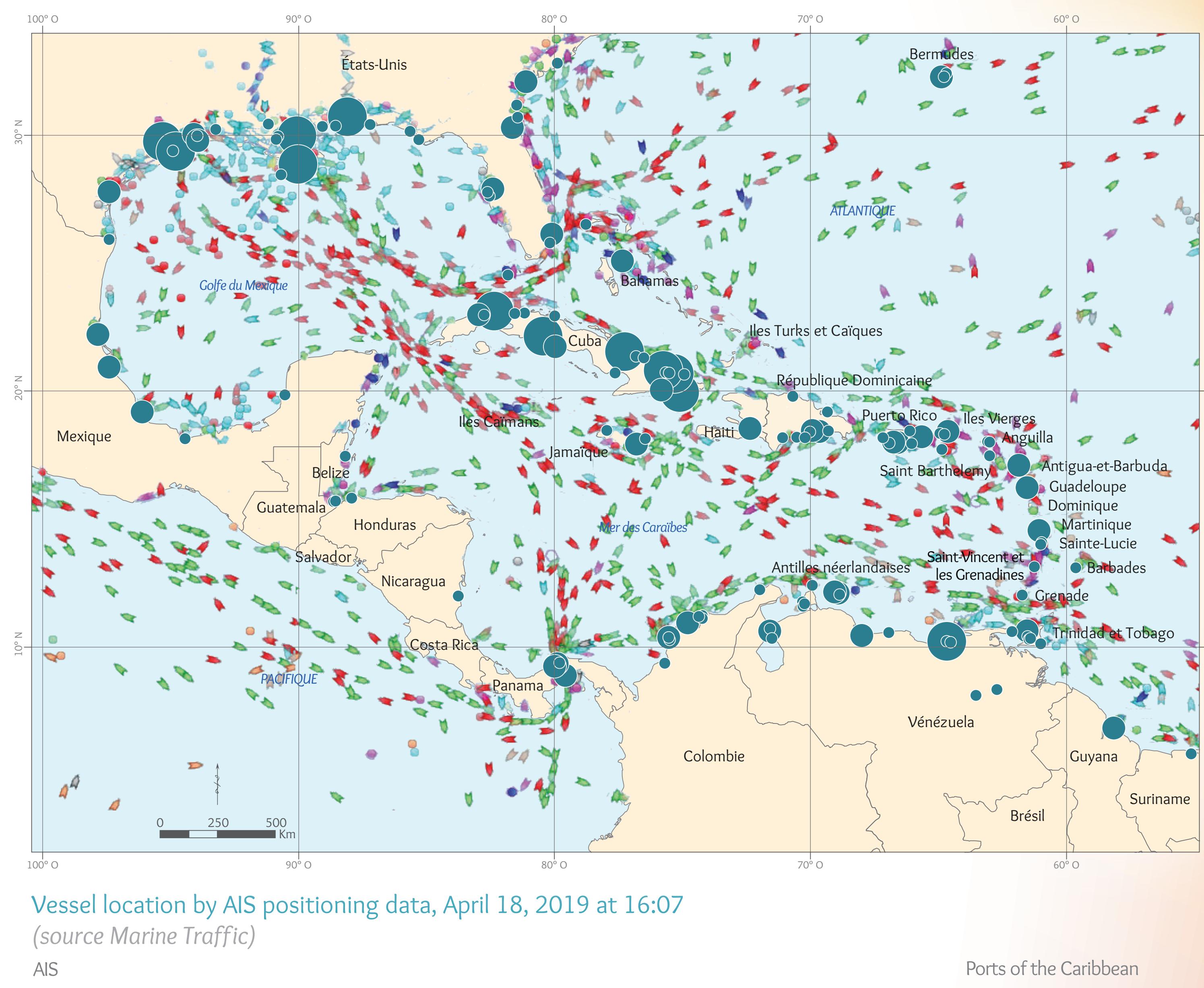


Issues related to ship emissions are now the top environmental priorities for European ports.

Evolution of the environmental priorities of ESPO ports (European Sea Ports Organisation)

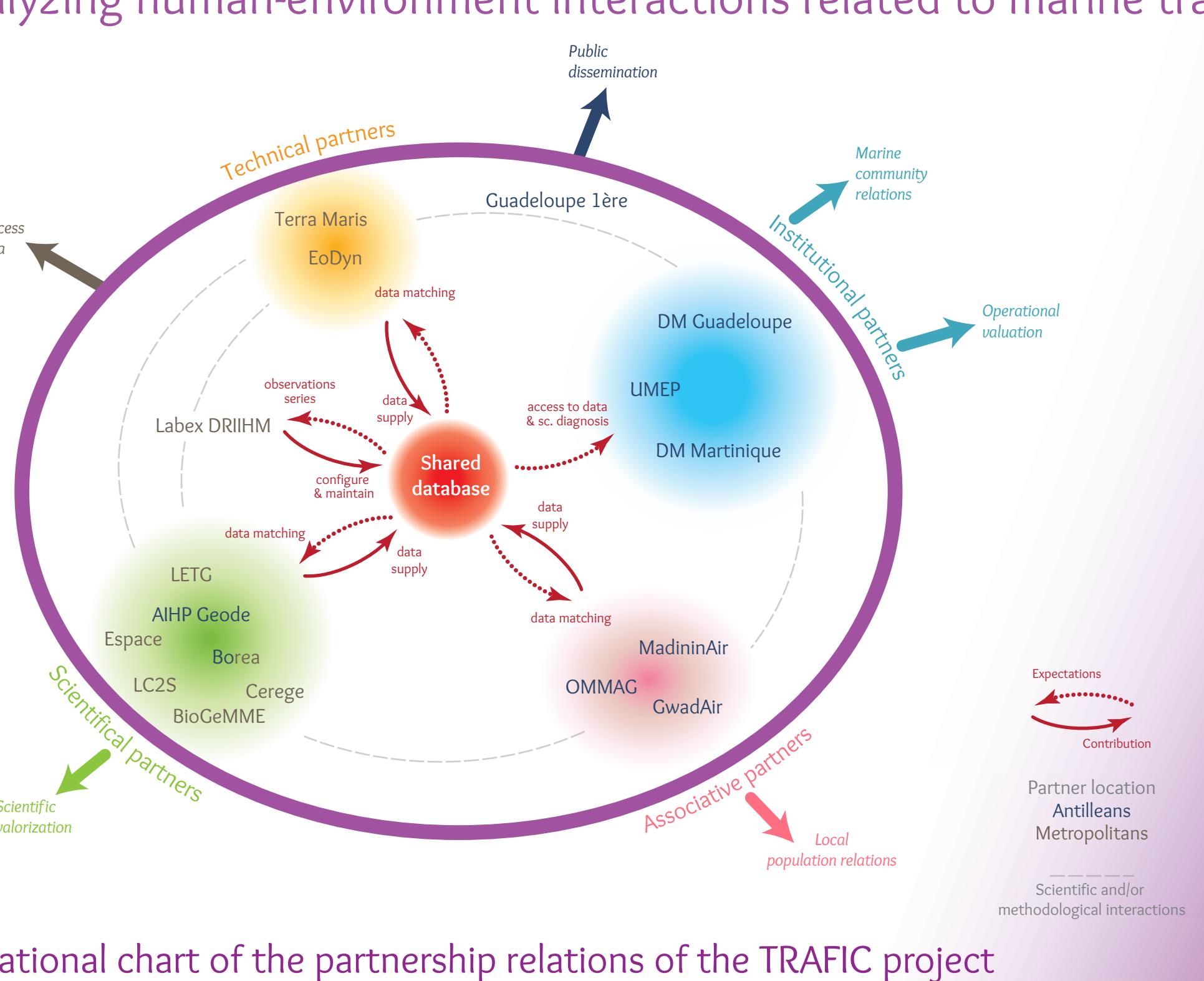


AIS data help to reconstitute the spatiotemporal organization of marine traffic and port frequentations. They reveal the nature and the density of marine traffic in the Caribbean région.



METHOD

TRAFIG is a collaborative, interdisciplinary and interinstitutional project supported by the Fondation de France (2020-2022). It aims to create a suitable geographic database for analyzing human-environment interactions related to marine traffic.



Organizational chart of the partnership relations of the TRAFIC project

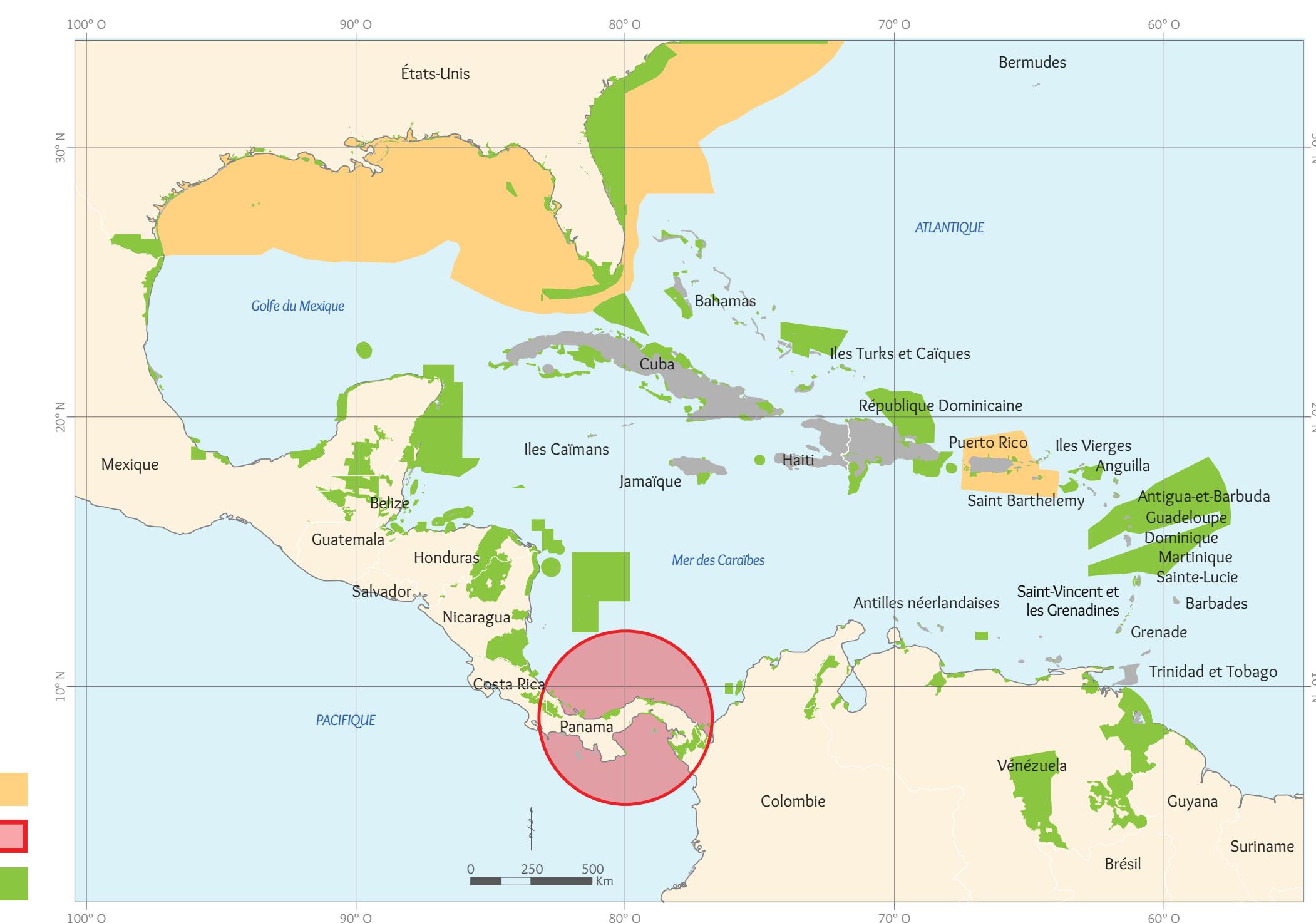
QUESTION ?

Do areas under environmental jurisdiction have an influence on the organization of marine traffic?

1997 Creation of Emission Control Area (ECA, Annexe VI Marpol convention)

2007 • 2016 Widening of the Panama Canal

2010 Creation of the AGOA sanctuary



QUESTION ?

Do level of development and marine traffic generate environmental inequalities?

