

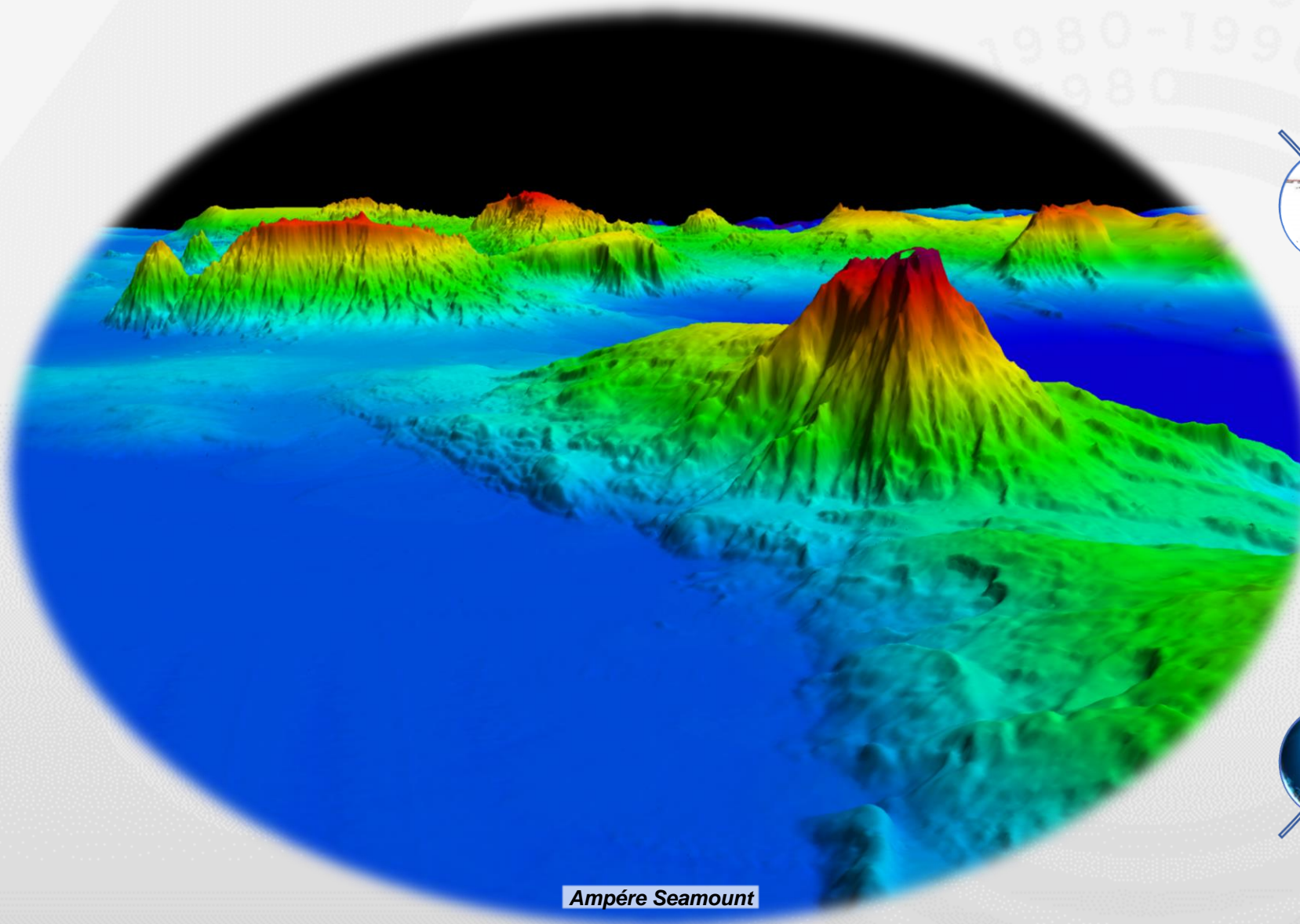
SEAMAP 2030

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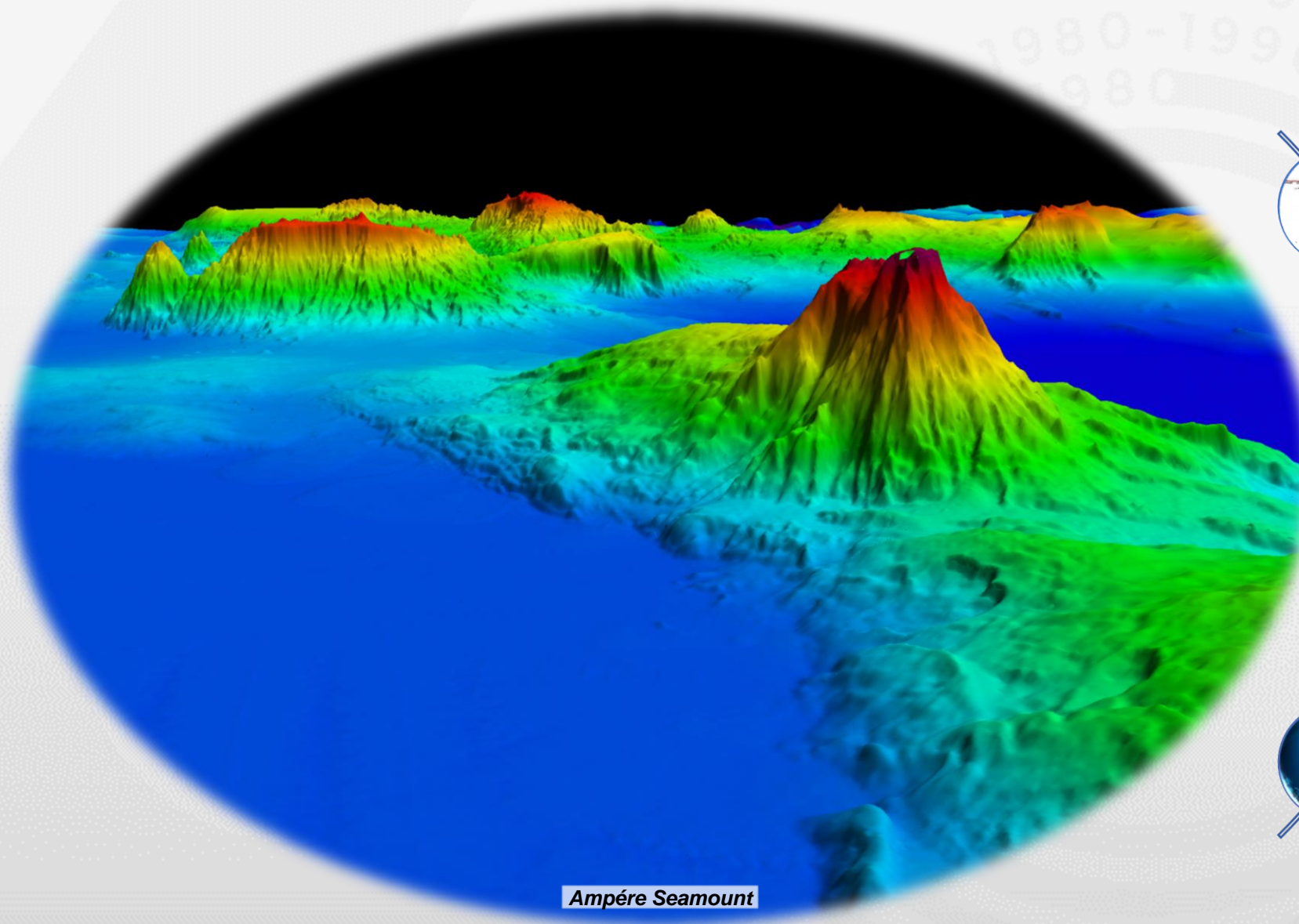


Ampère Seamount

-  Introduction
-  Vision
-  Mission
-  Targets
-  Conclusion

SEAMAP 2030

AGENDA



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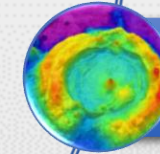
Introduction



Vision



Mission



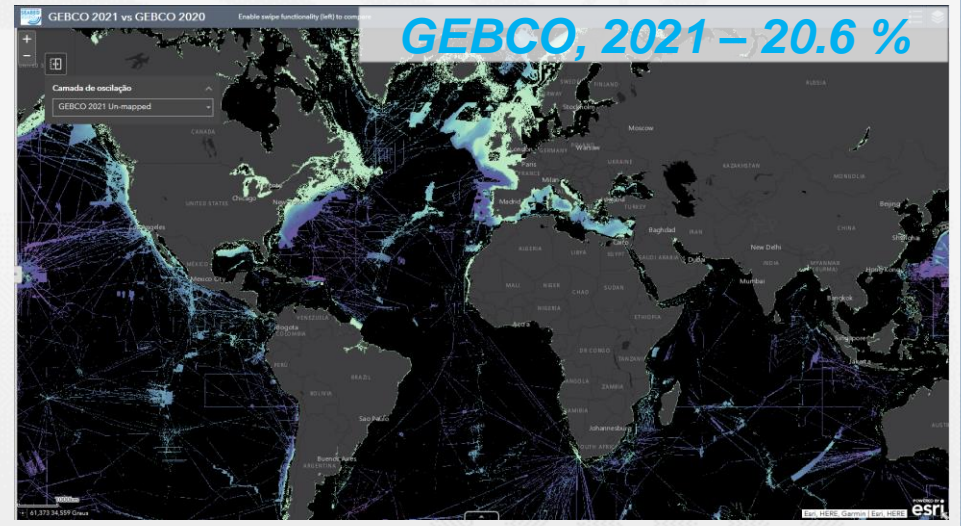
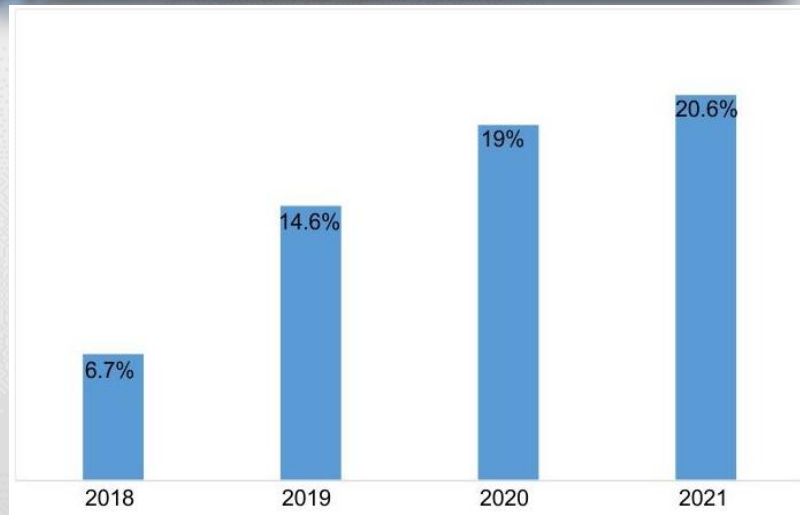
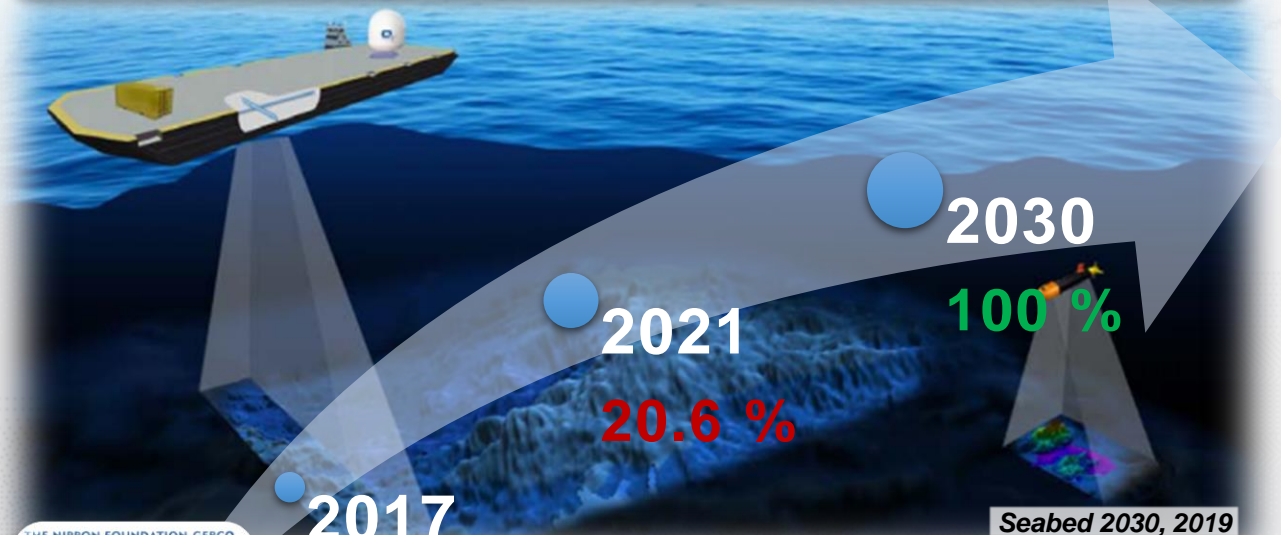
Targets



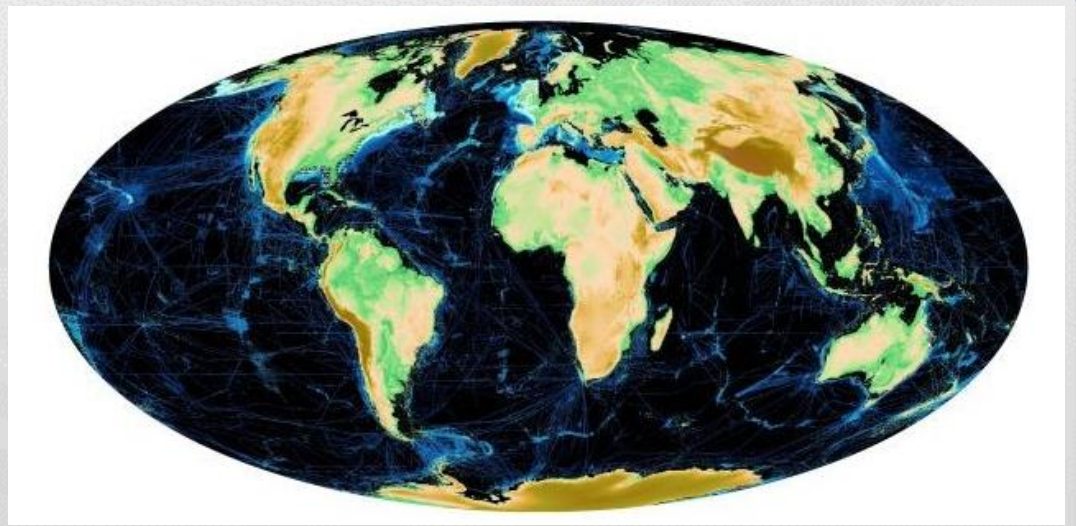
Conclusion



INTRODUCTION SEABED 2030 PROJECT ALIGNMENT



Source: <https://seabed2030.org/mapping-progress>



Depth	2°x2°	2°x2° 60° of nadir
0	0	
500	17	35
1000	35	70
2000	70	140
3000	105	209
4000	140	279
5000	175	349
6000	209	419
7000	244	489
8000	279	559
9000	314	628
10000	349	698
11000	384	768

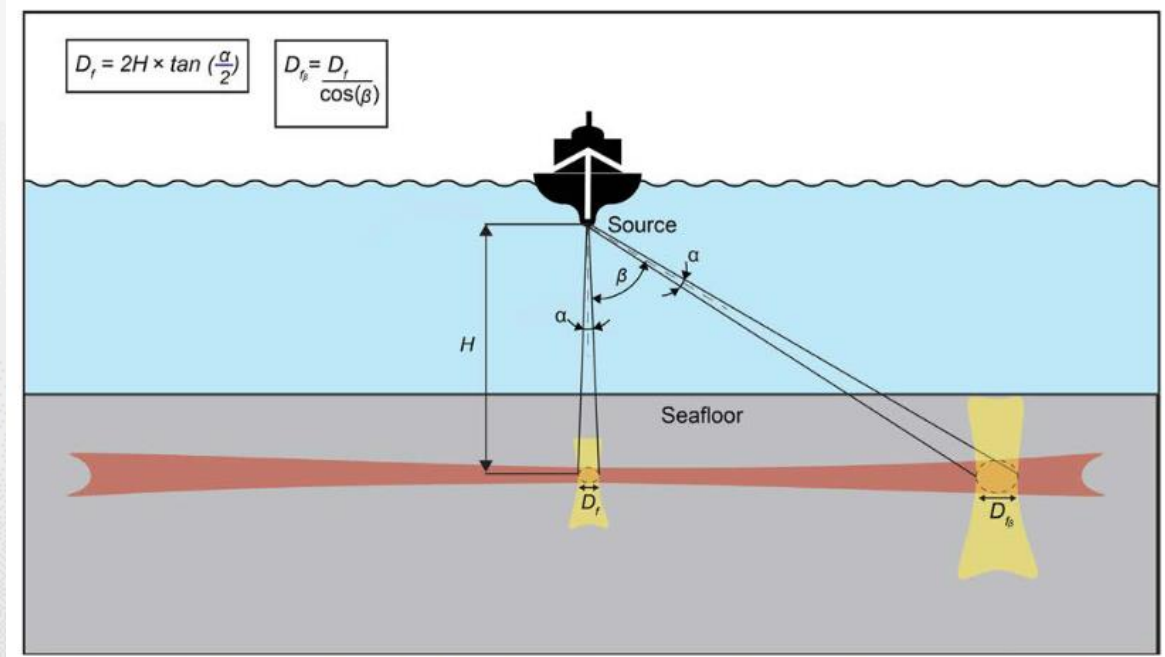


Figure 8.1. Calculated foot prints of a typical deep-water multibeam system, with a transmit and receive array producing 2°x2° opening angles of the beams, for specified water depths. The calculated foot prints are rounded to integers.

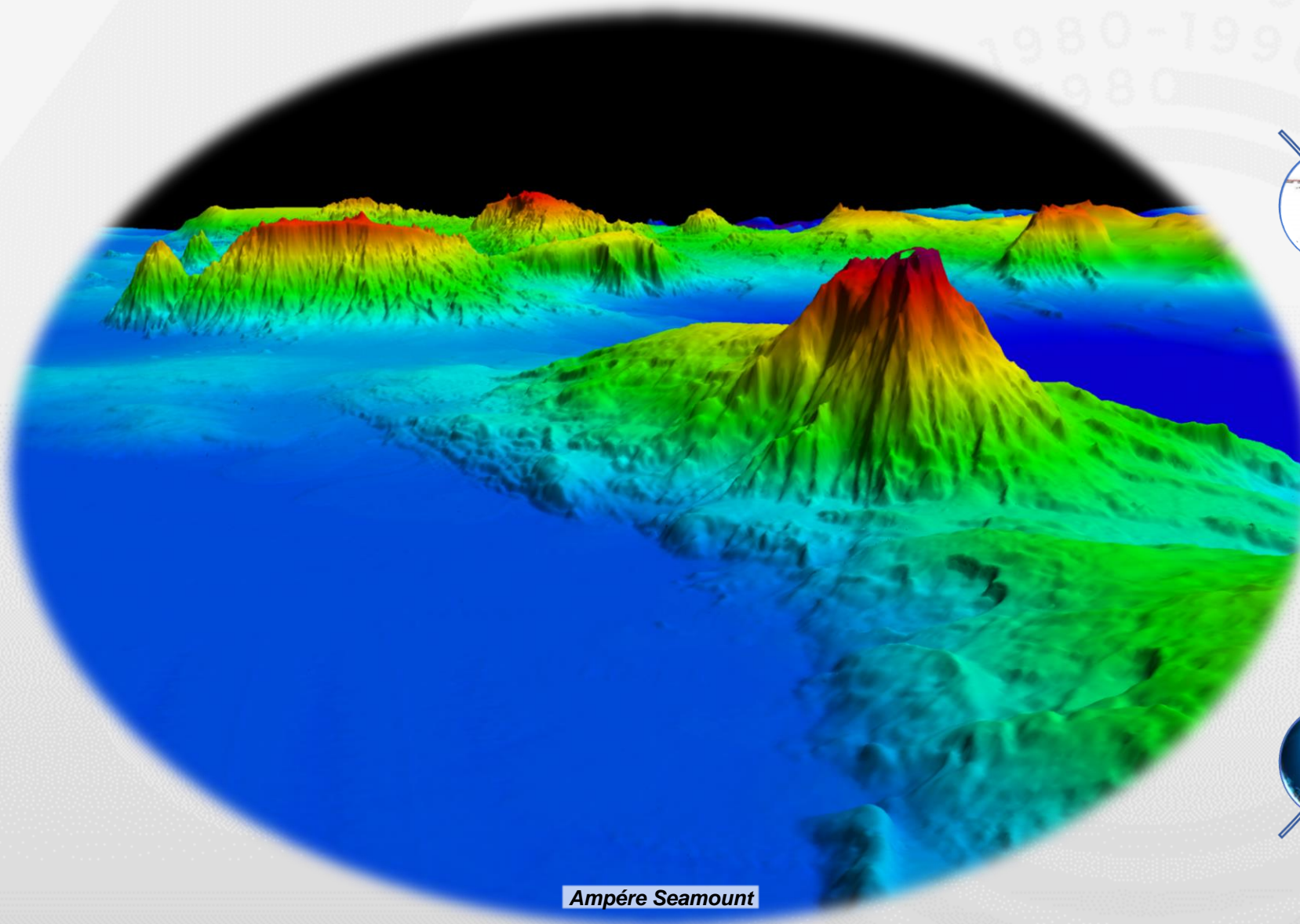
Goal: 100% of the World Ocean mapped by year 2030?

Depth Range	Grid-Cell Size	% of World Ocean
0–1500 m	100x100 m	13.7
1500–3000 m	200x200 m	11
3000–5750 m	400x400 m	72.6
5750–11,000 m	800x800 m	2.7

Specific	Measurable	Achievable	Realistic	Timely
S	M	A	R	T
G	O	A	L	S
What do you want to do?	How will you know when you've reached it?	Is it in your power to accomplish it?	Can you realistically achieve it?	When exactly do you want to accomplish it?

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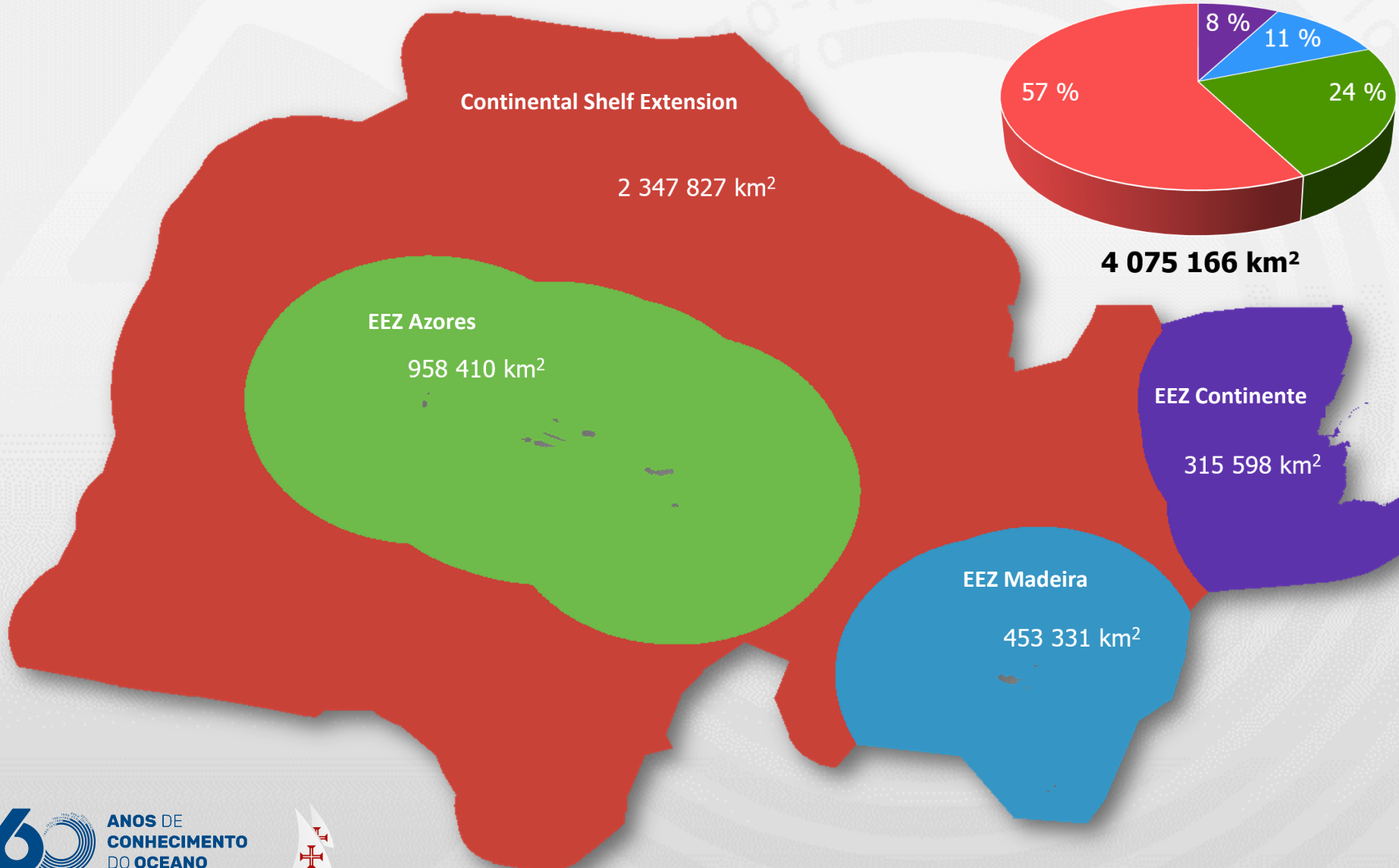
AGENDA



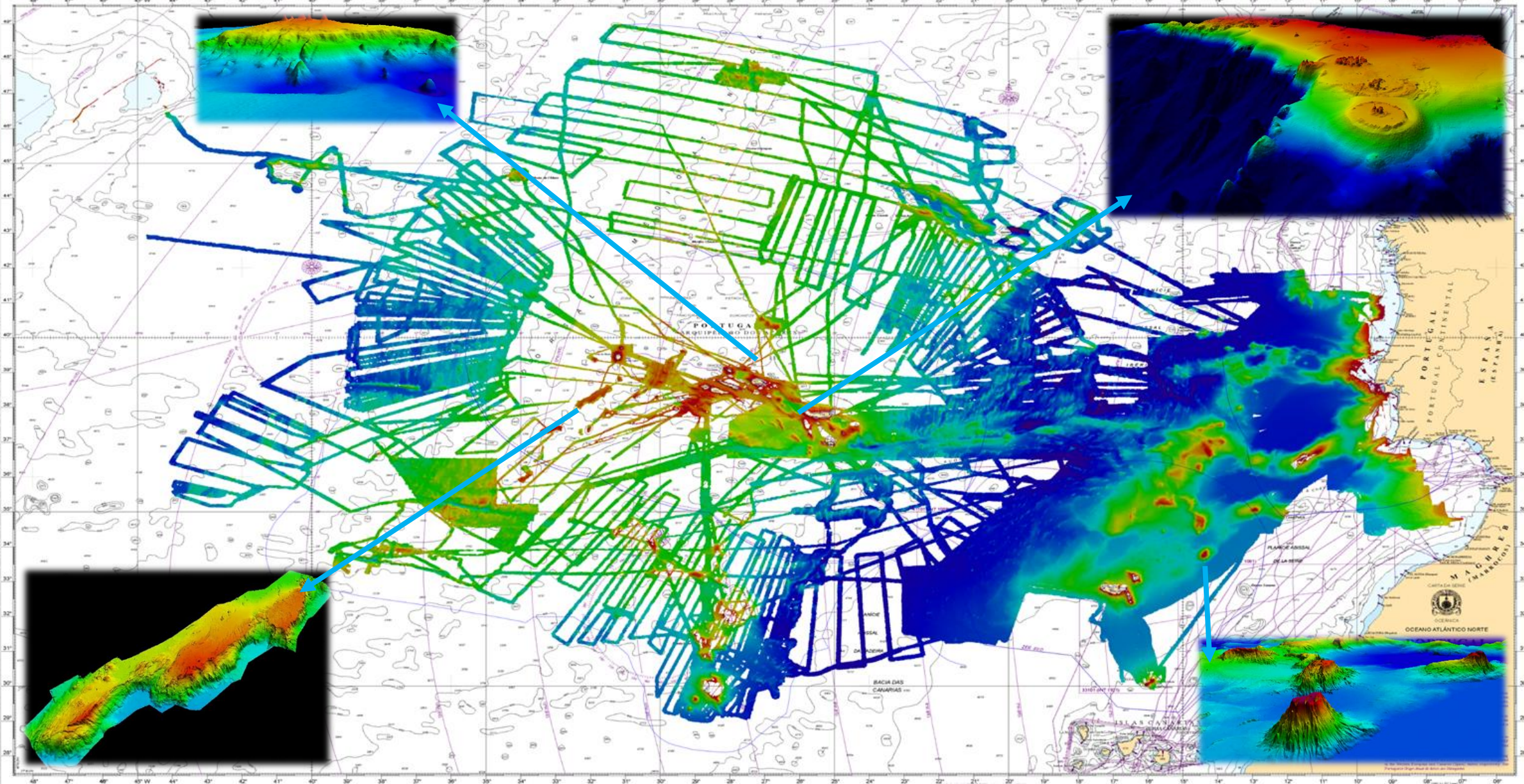
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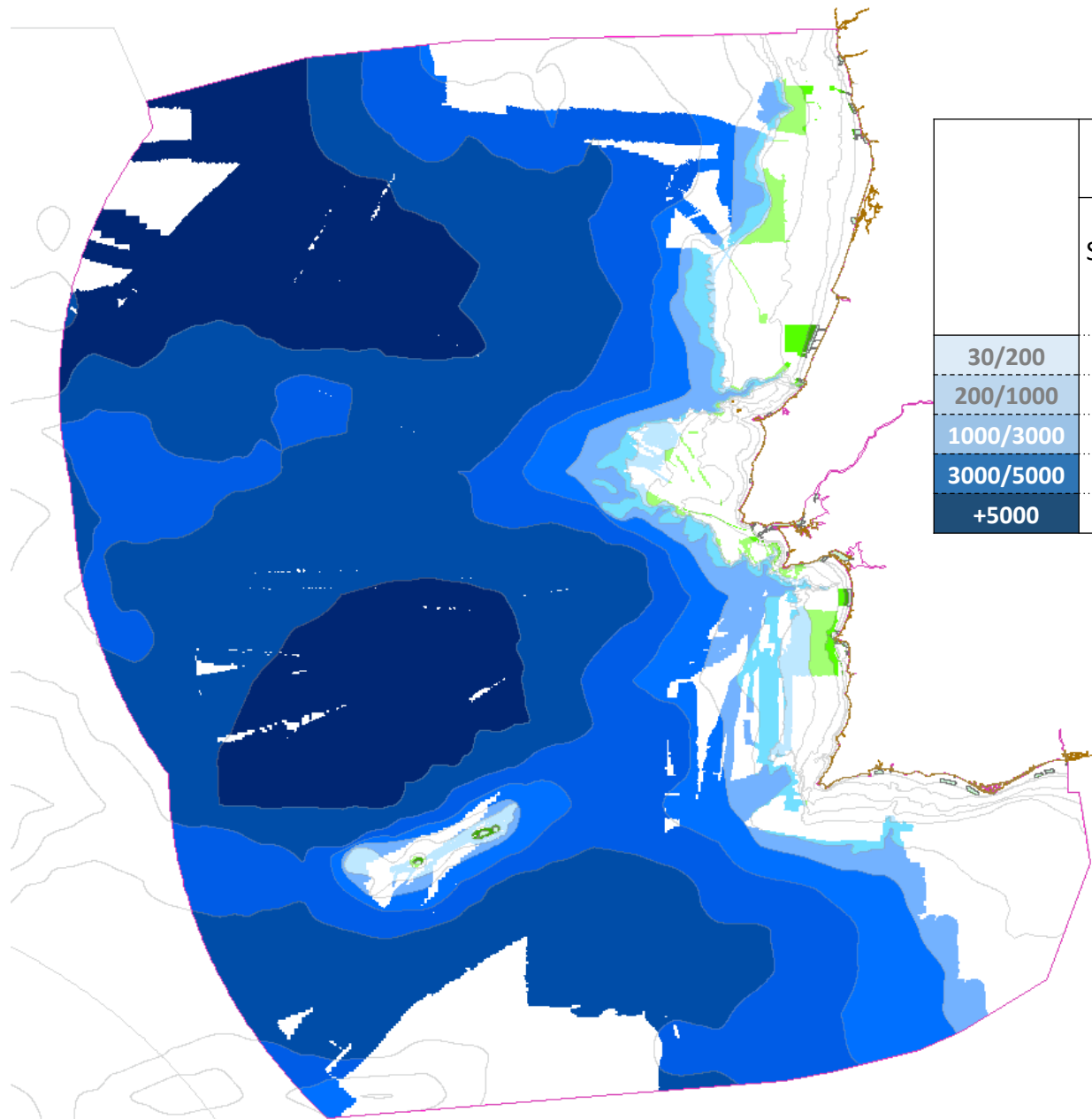
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NATIONAL MARITIME ADMINISTRATIVE AREAS

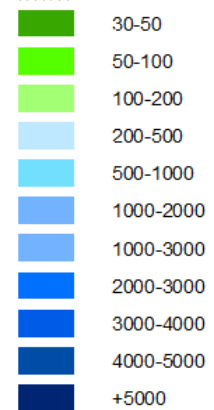


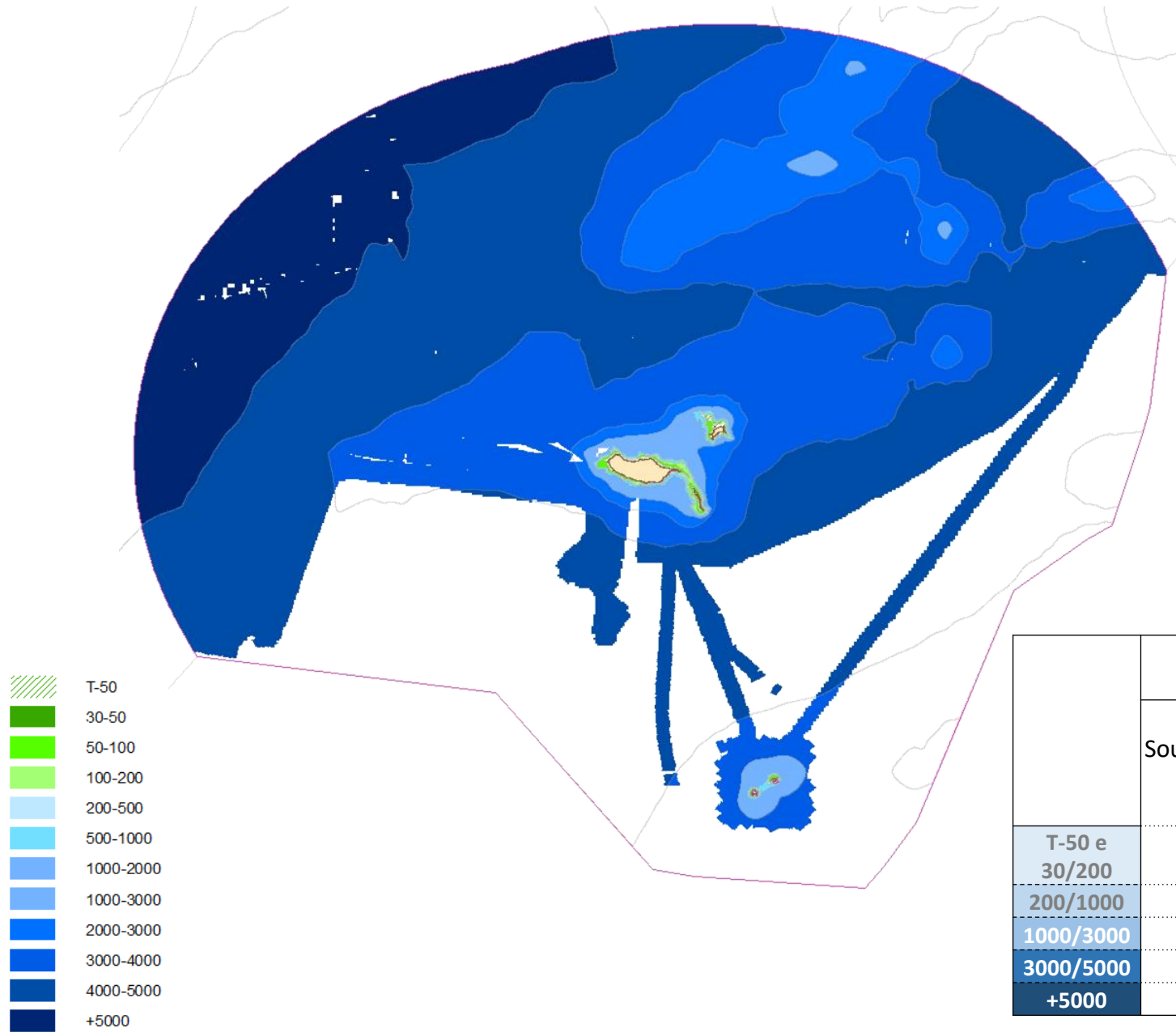
CURRENT STATUS - MULTIBEAM BATHYMETRY COVERAGE



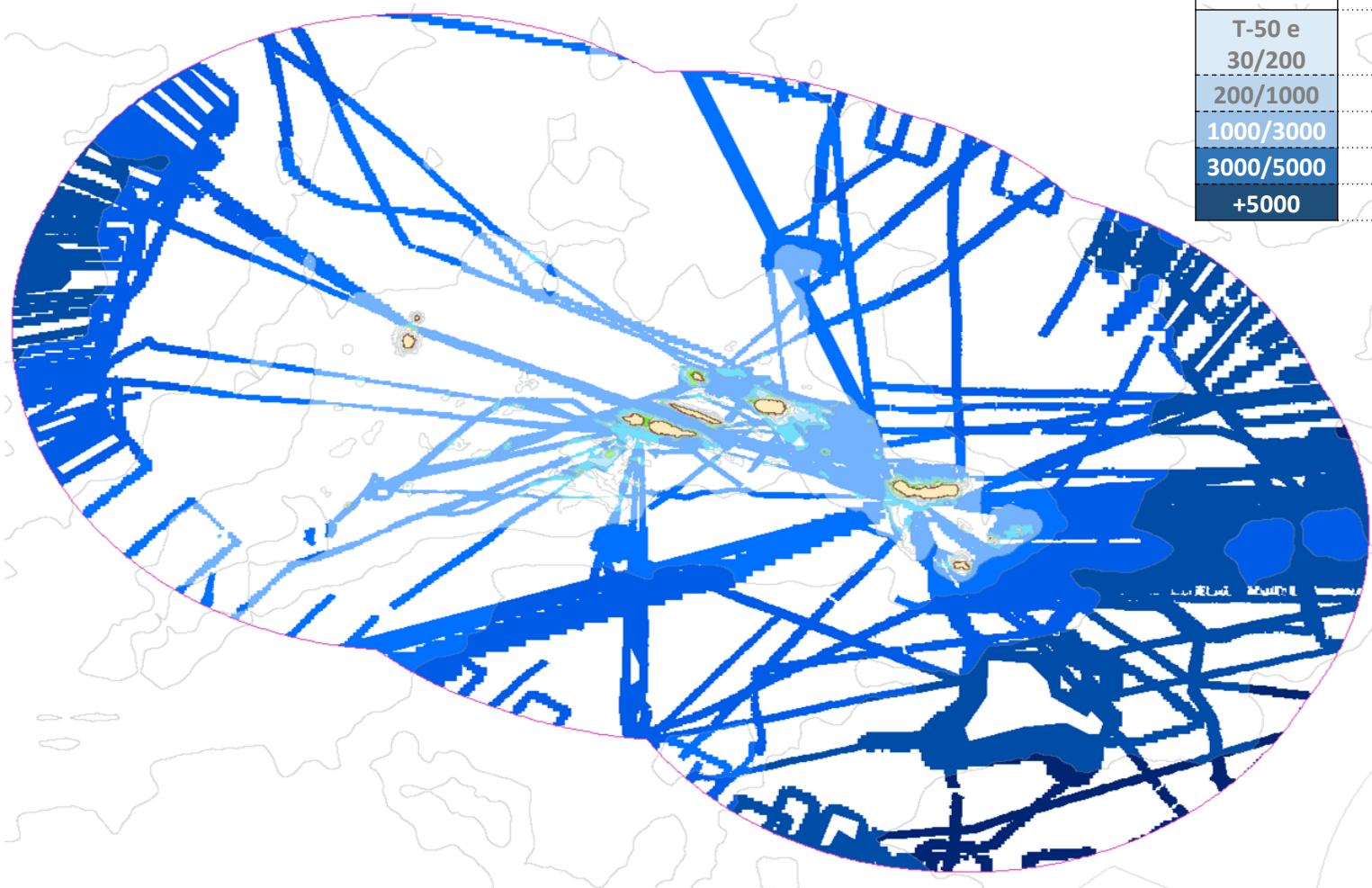


	PT Continental			
	Sounded MBES (Km2)	Sounded MBES(%)	Area to be sounded MBES (Km2)	Area to be sounded MBES (Km2)
30/200	2,828	13.3%	18,453	86.7%
200/1000	8,373	41.0%	12,037	59.0%
1000/3000	32,455	68.3%	15,035	31.7%
3000/5000	154,418	90.4%	16,410	9.6%
+5000	48,178	92.8%	3,759	7.2%



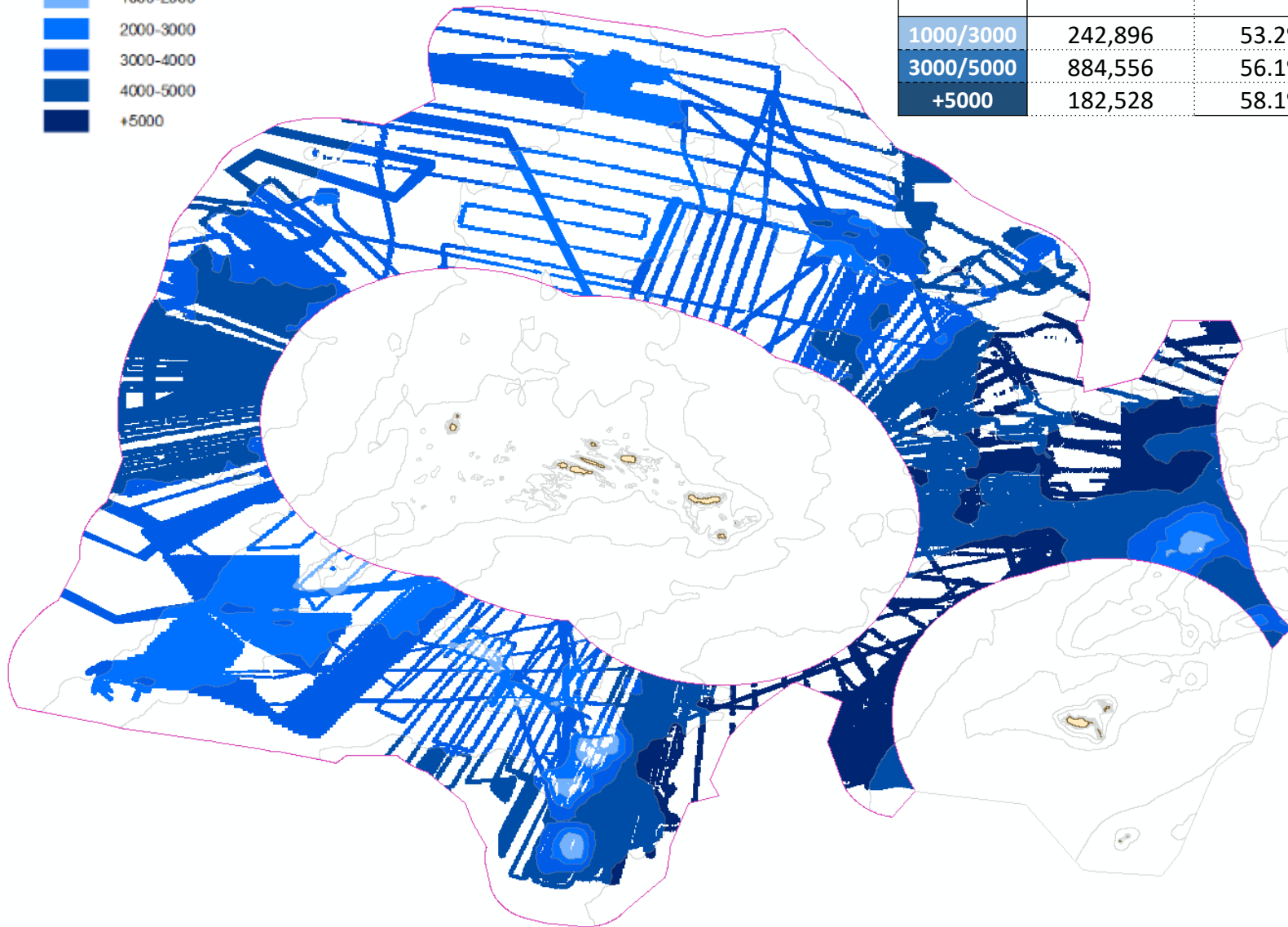
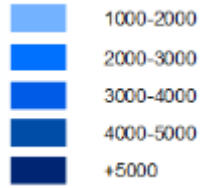


	Madeira			
	Sounded MBES (Km2)	Sounded SMF (%)	To be Sounded MBES (Km2)	To be Sounded SMF (%)
T-50 e 30/200	864	87.2%	127	12.8%
200/1000	1,106	98.4%	18	1.6%
1000/3000	31,234	94.8%	1,717	5.2%
3000/5000	233,853	62.6%	139,999	37.4%
+5000	44,175	99.3%	305	0.7%



	Azores			
	Sounded MBES (Km2)	Sounded MBES (%)	To be Sounded MBES (Km2)	To be Sounded MBES (%)
T-50 e 30/200	827	43.7%	1,066	56.3%
200/1000	10,584	55.6%	8,456	44.4%
1000/3000	109,416	25.5%	320,169	74.5%
3000/5000	239,665	51.1%	228,961	48.9%
+5000	12,867	33.2%	25,874	66.8%

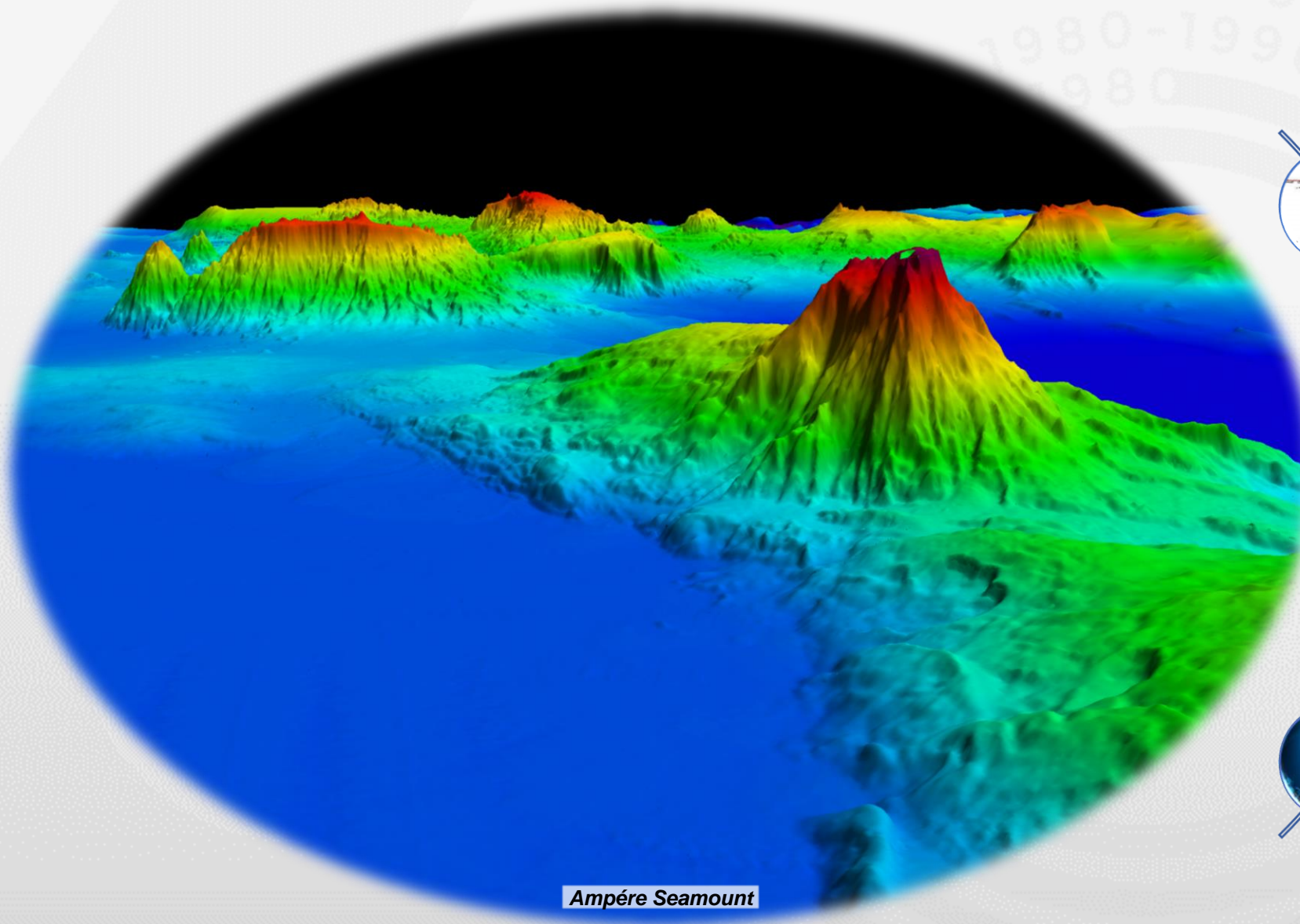




	Continental Shelf			
	Sounded MBES (Km2)	Sounded MBES (%)	To be Sounded (Km2)	To be Sounded MBES(%)
1000/3000	242,896	53.2%	213,535	46.8%
3000/5000	884,556	56.1%	692,923	43.9%
+5000	182,528	58.1%	131,366	41.9%

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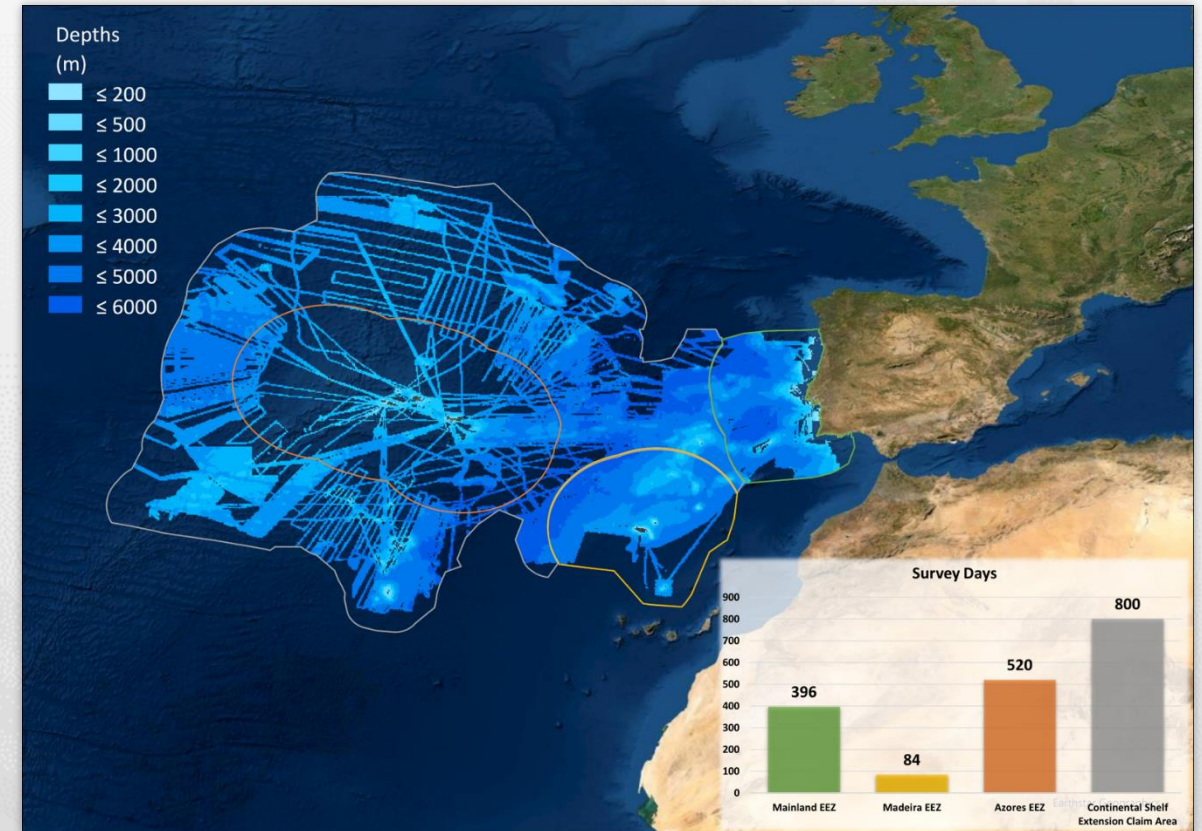
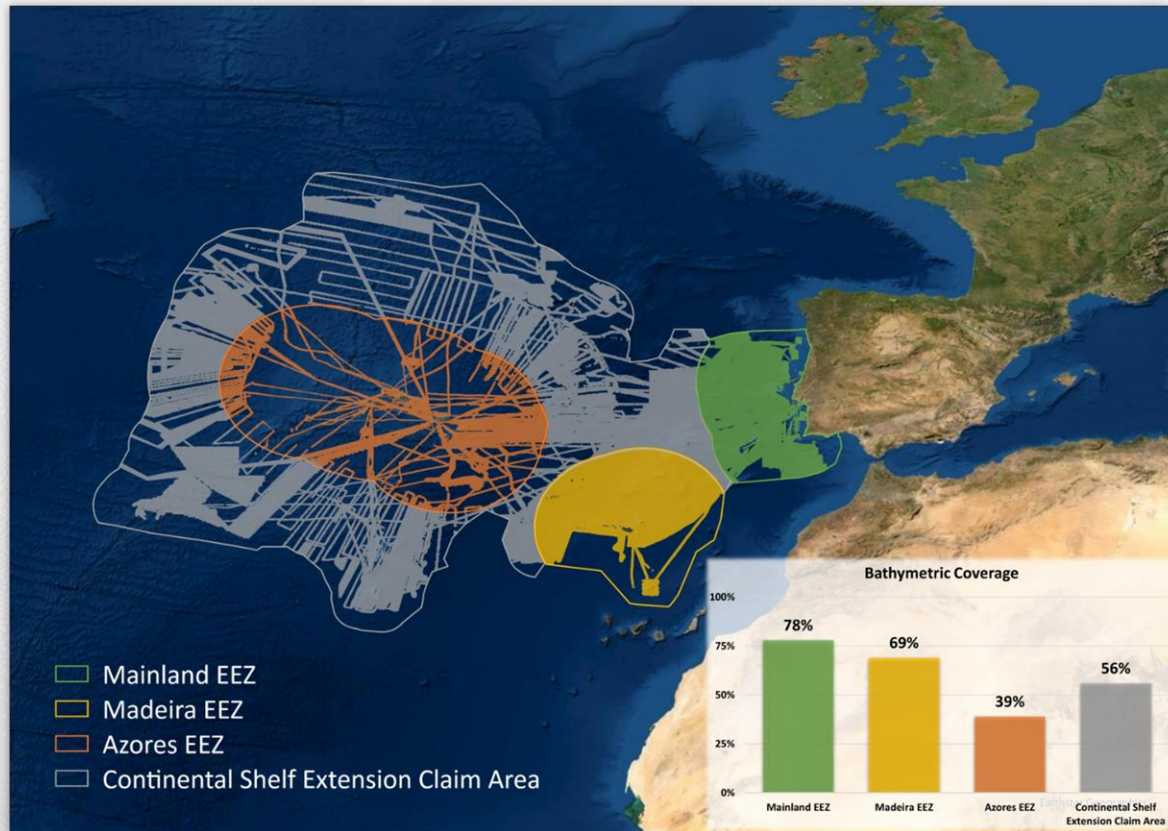


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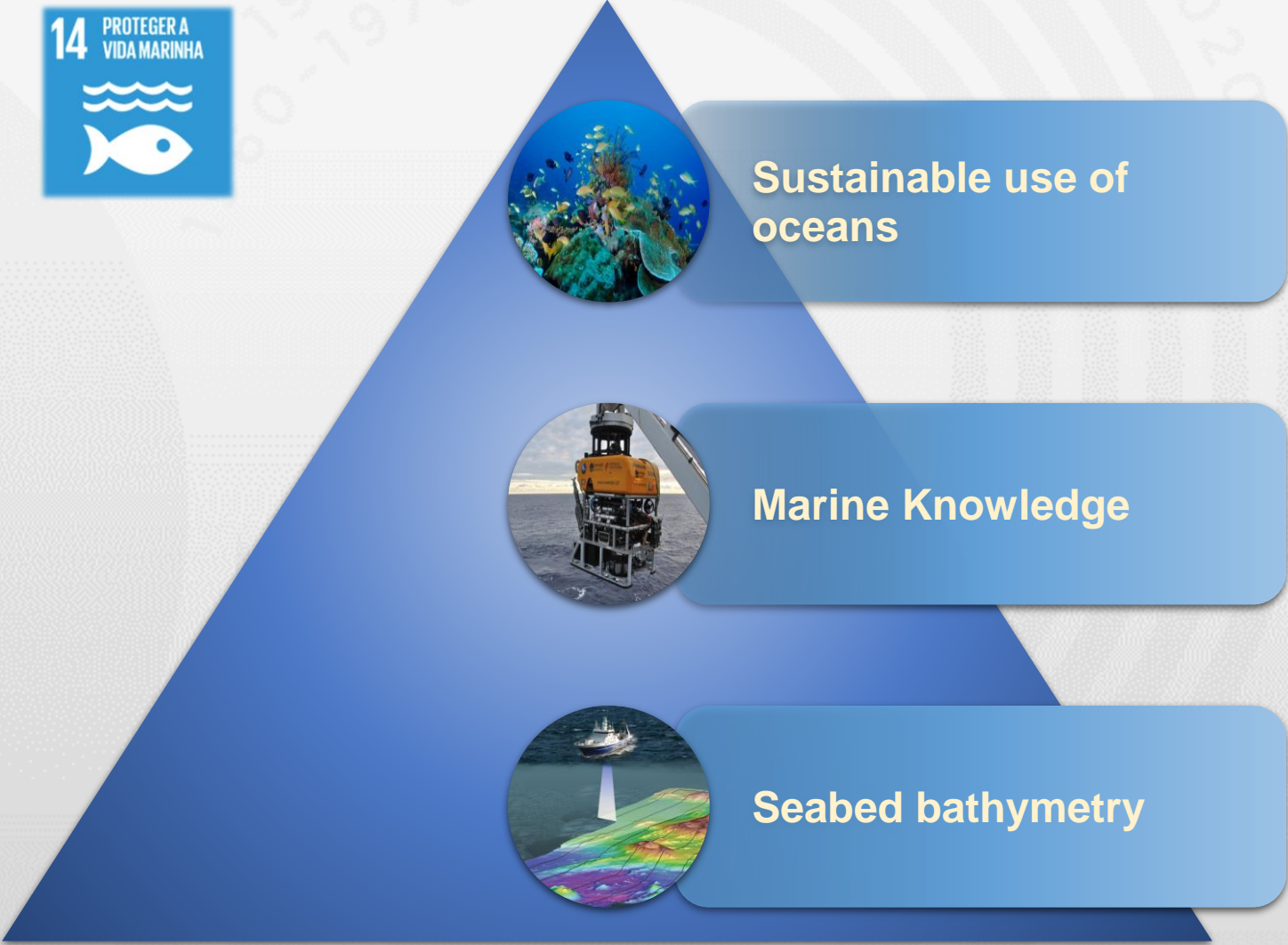
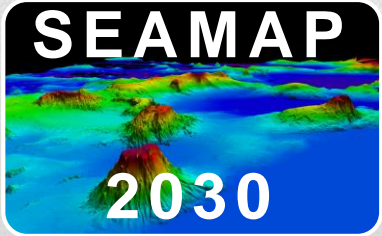
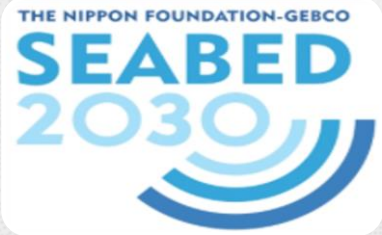


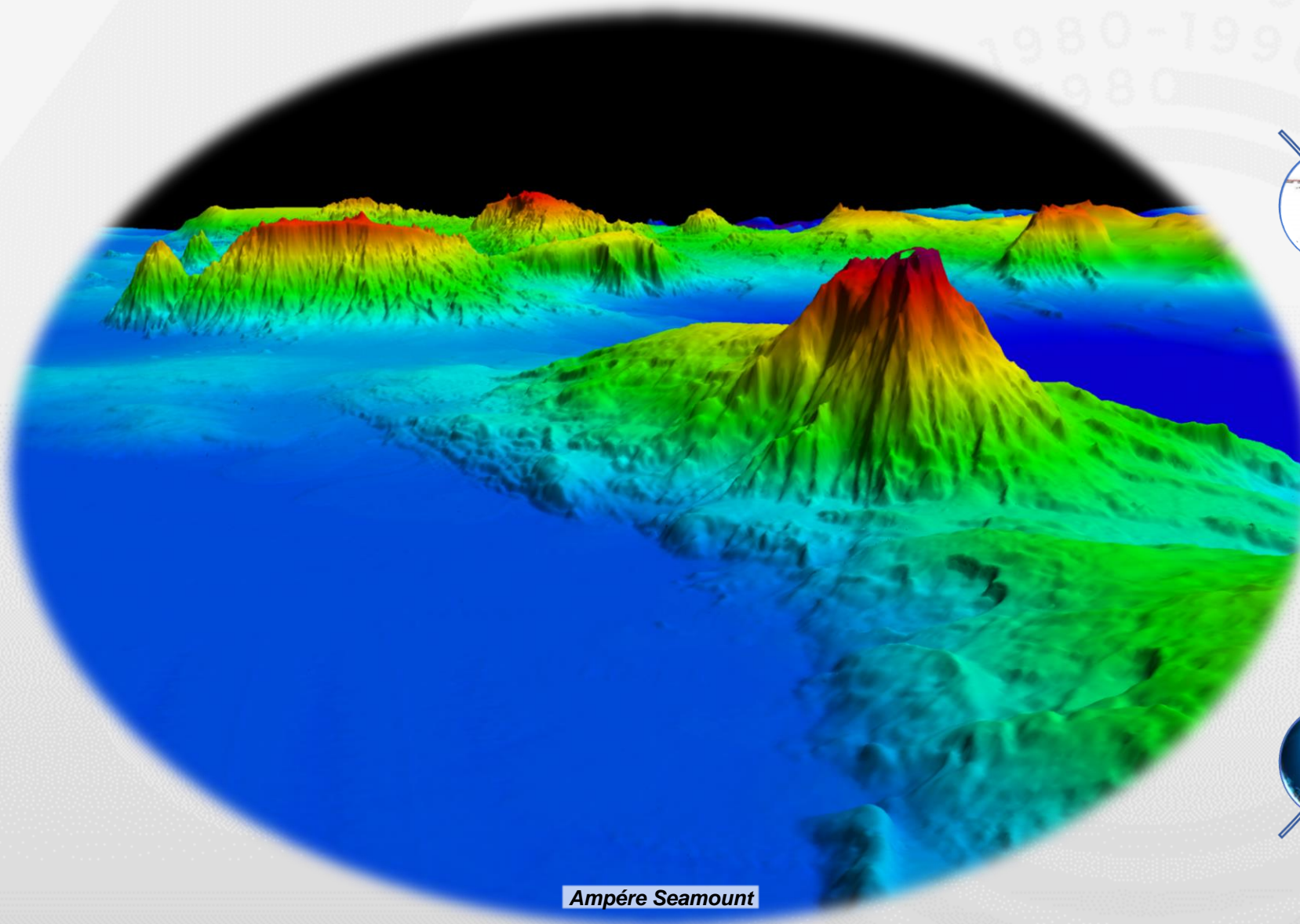
Vision 100 % of the national maritime administrative spaces mapped by 2030

Mission Contribute to the conservation and sustainable use of the sea, supporting research and promoting development



support the sustainable use of oceans by promoting the marine research Innovation by increasing the knowledge about sea areas

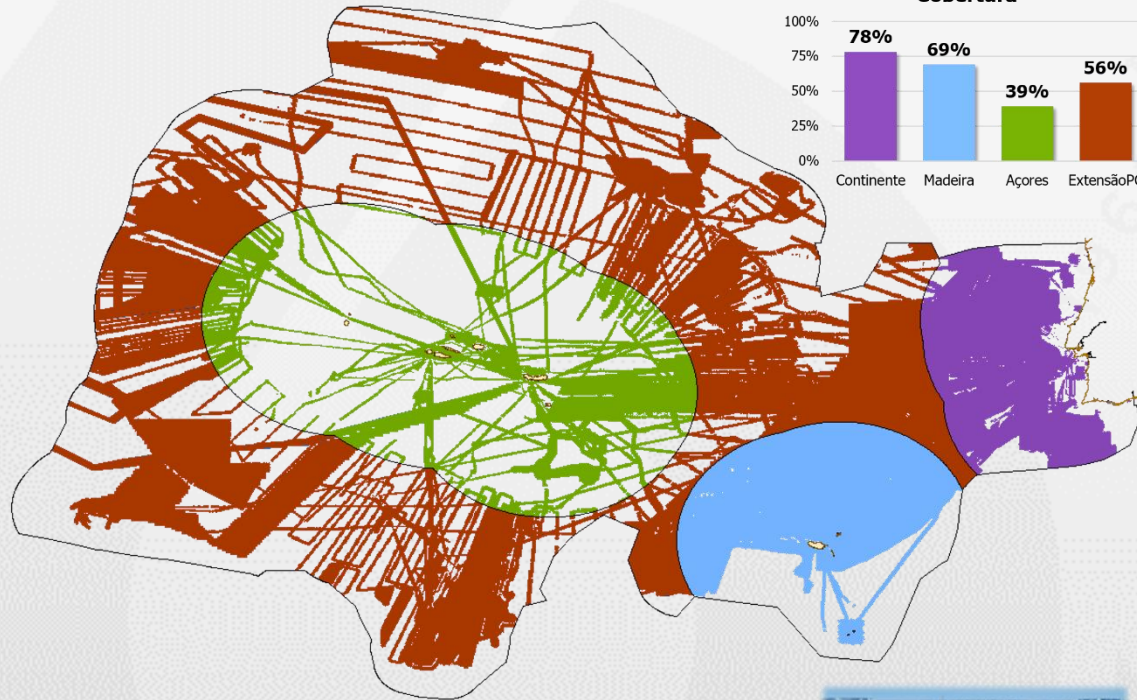




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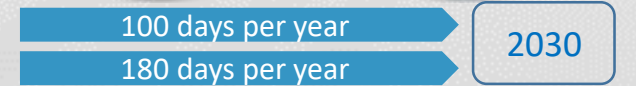
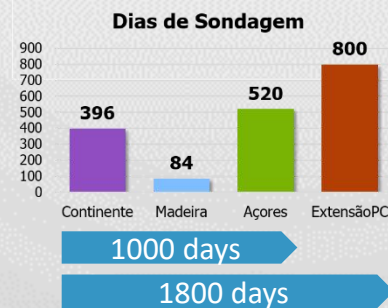
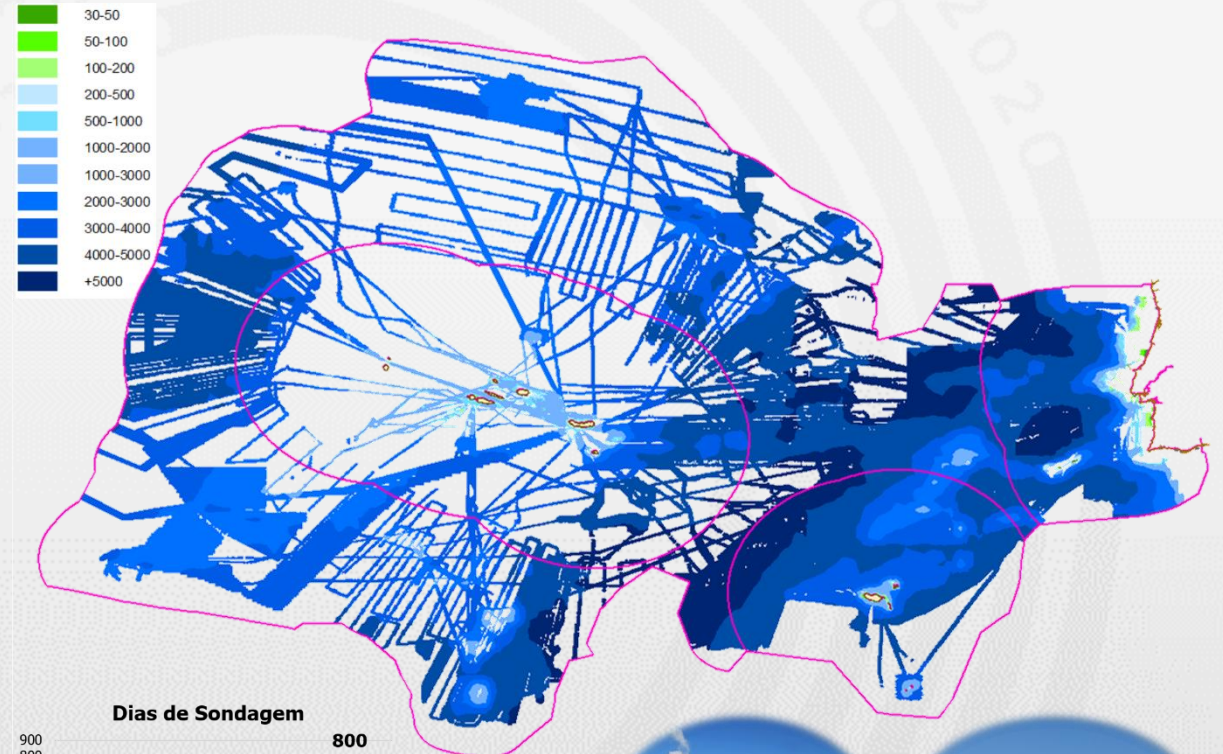
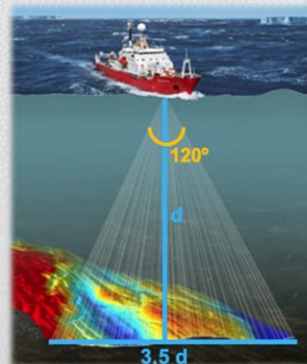
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VISION SEAMAP 2030 - BIG NUMBERS



→ Big numbers (% 2020):

- ZEE → 54 %
- ZEE + PC → 55 %



2030

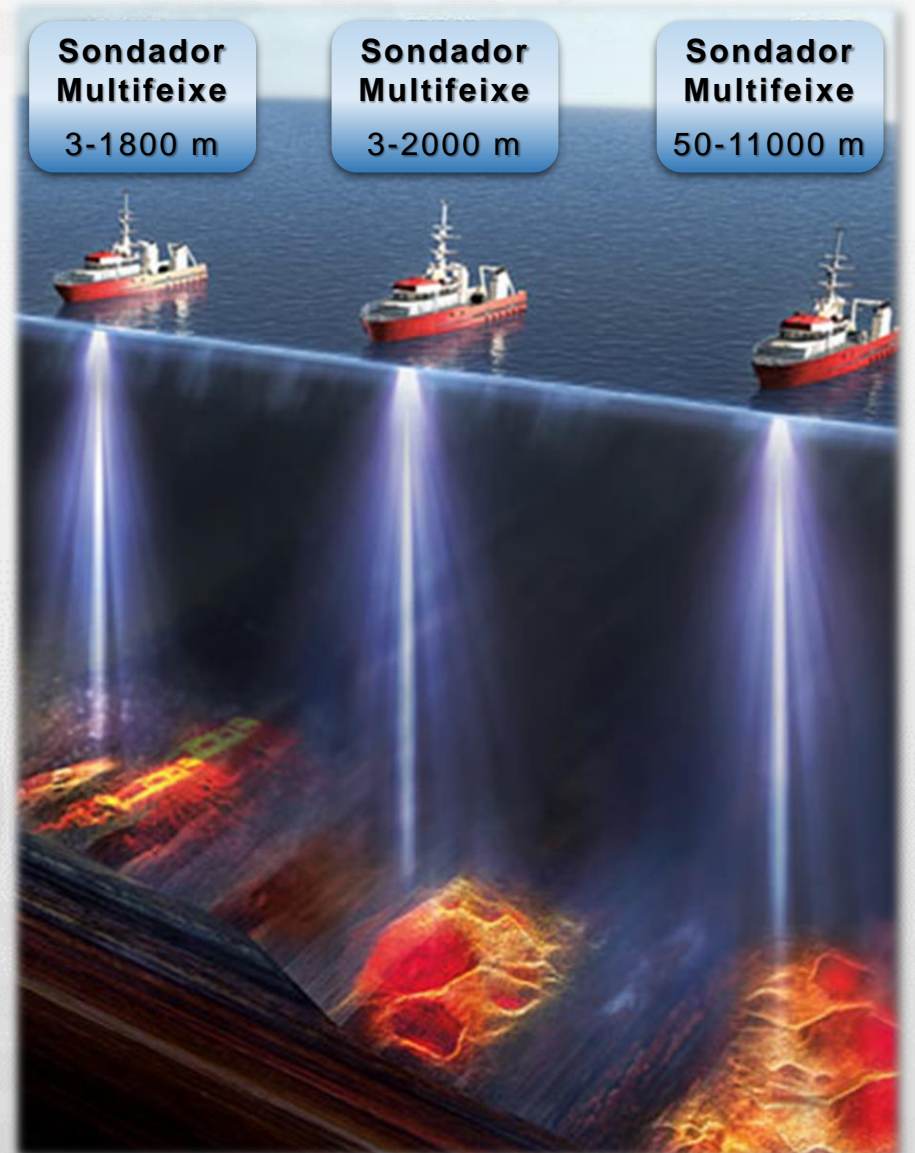
TARGETS MULTIBEAM SURVEYS



NRP D. Carlos I



NRP Alm. Gago Coutinho

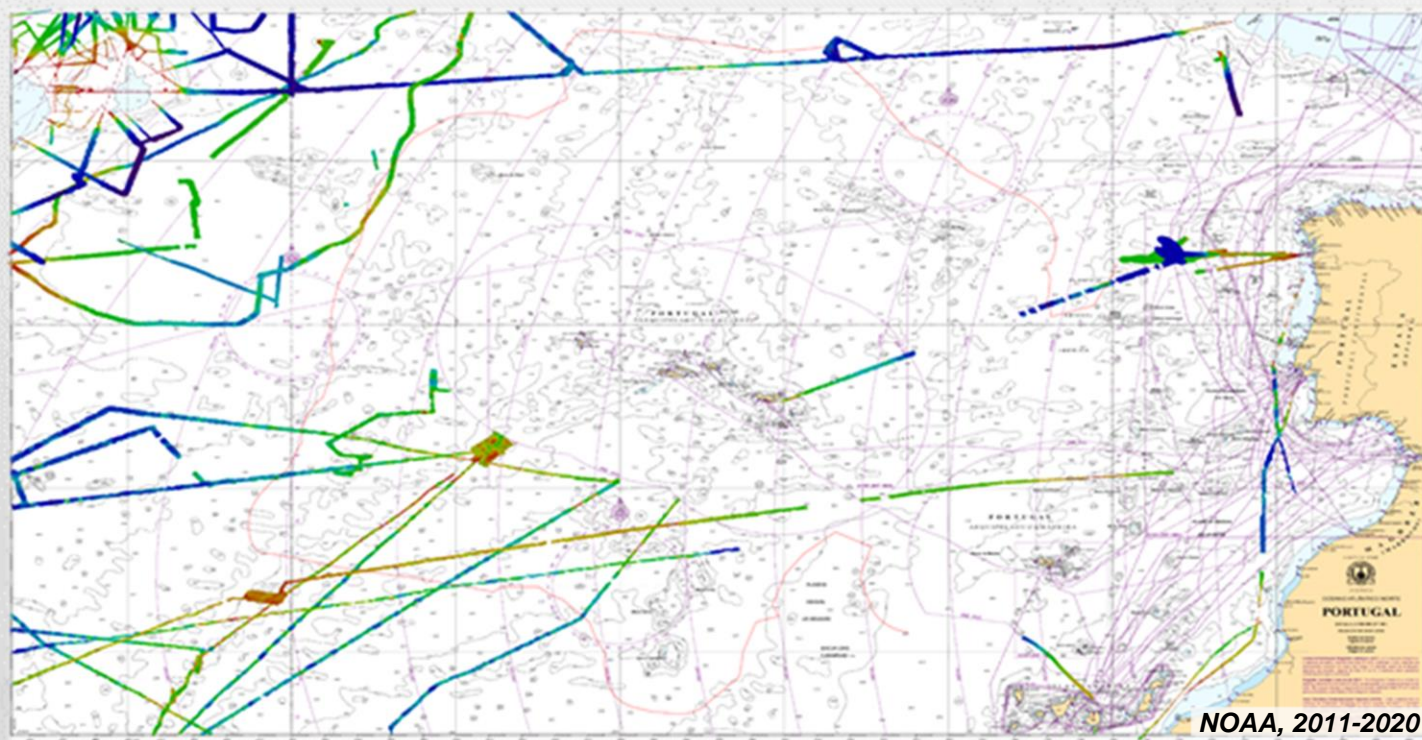


**Sondador
Multifeixe**
3-1800 m

**Sondador
Multifeixe**
3-2000 m

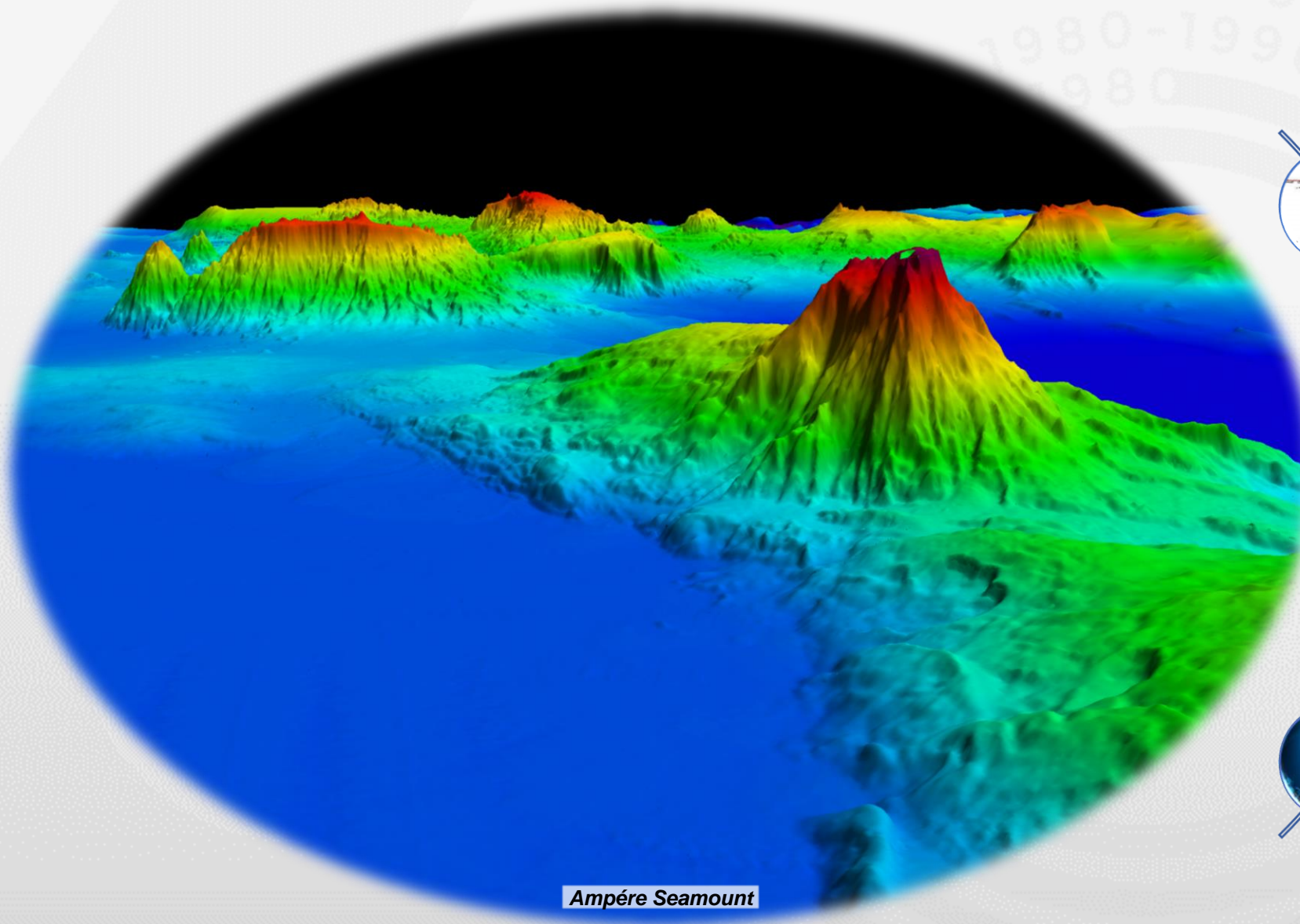
**Sondador
Multifeixe**
50-11000 m

FUSION OF BATHYMETRIC DATA COLLECTED DURING INTERNATIONAL CAMPAIGNS



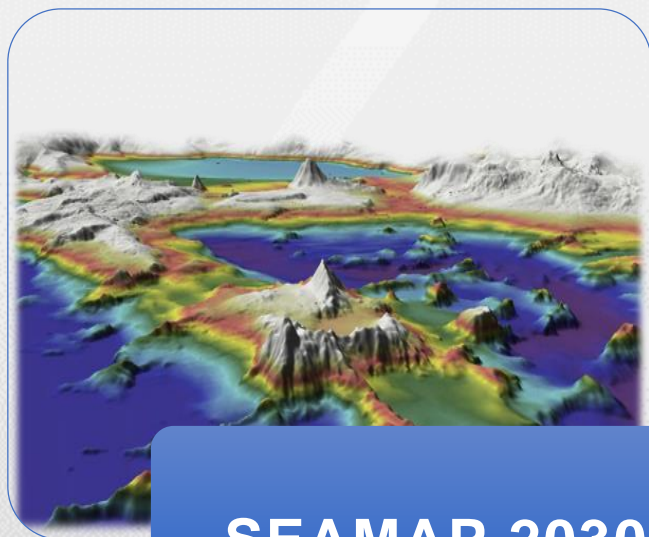
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World wide strategy for oceans

THE NIPPON FOUNDATION-GEBCO
SEABED 2030

14 PROTEGER A VIDA MARINHA

United Nations Educational, Scientific and Cultural Organization

Intergovernmental Oceanographic Commission

2021-2030 United Nations Decade for Sustainable Development

OBJETIVOS DE DESENVOLVIMENTO SUSTENTÁVEL

1 ERADICAÇÃO DA POBREZA

2 FOME ZERO, AGRICULTURA SUSTENTÁVEL

3 SAÚDE BEM-ESTAR

4 EDUCAÇÃO DE QUALIDADE

5 IGUALDADE DE GÊNERO

6 AÇUGAR, ENERGIA E SANEAMENTO

7 ENERGIA LIMPA E ACESSÍVEL

8 TRABALHO DECENTE E CRESCIMENTO ECONÓMICO

9 INDÚSTRIA, INOVAÇÃO E INFRAESTRUTURA

10 REDUÇÃO DAS DESIGUALDADES

11 CIDADES E COMUNIDADES SUSTENTÁVEIS

12 CONSUMO E PADRÕES DE PRODUÇÃO RESPONSÁVEIS

13 ACÇÃO CLIMÁTICA

14 VIDA MARINHA

15 VIDA TERRESTRE

16 PAZ, JUSTIÇA E INSTITUIÇÕES EFICAZES

17 PARCERIAS E MEIOS DE IMPLEMENTAÇÃO

OBJETIVOS DE DESENVOLVIMENTO SUSTENTÁVEL

Better future for all

SEAMAP 2030 QUESTIONS

