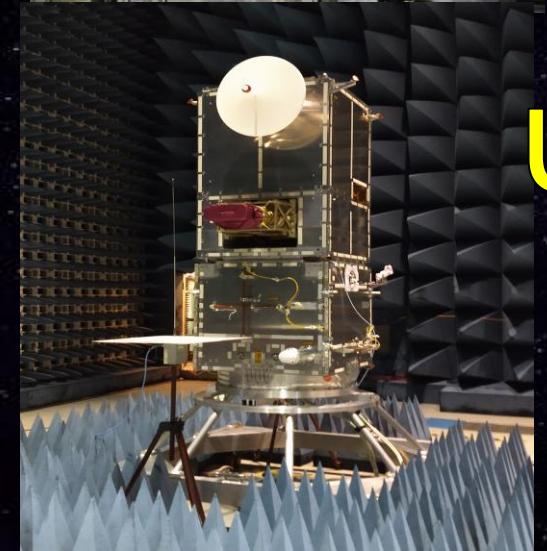




# Programa Espacial Brasileiro

## Uma visão geral



# Panorama mundial



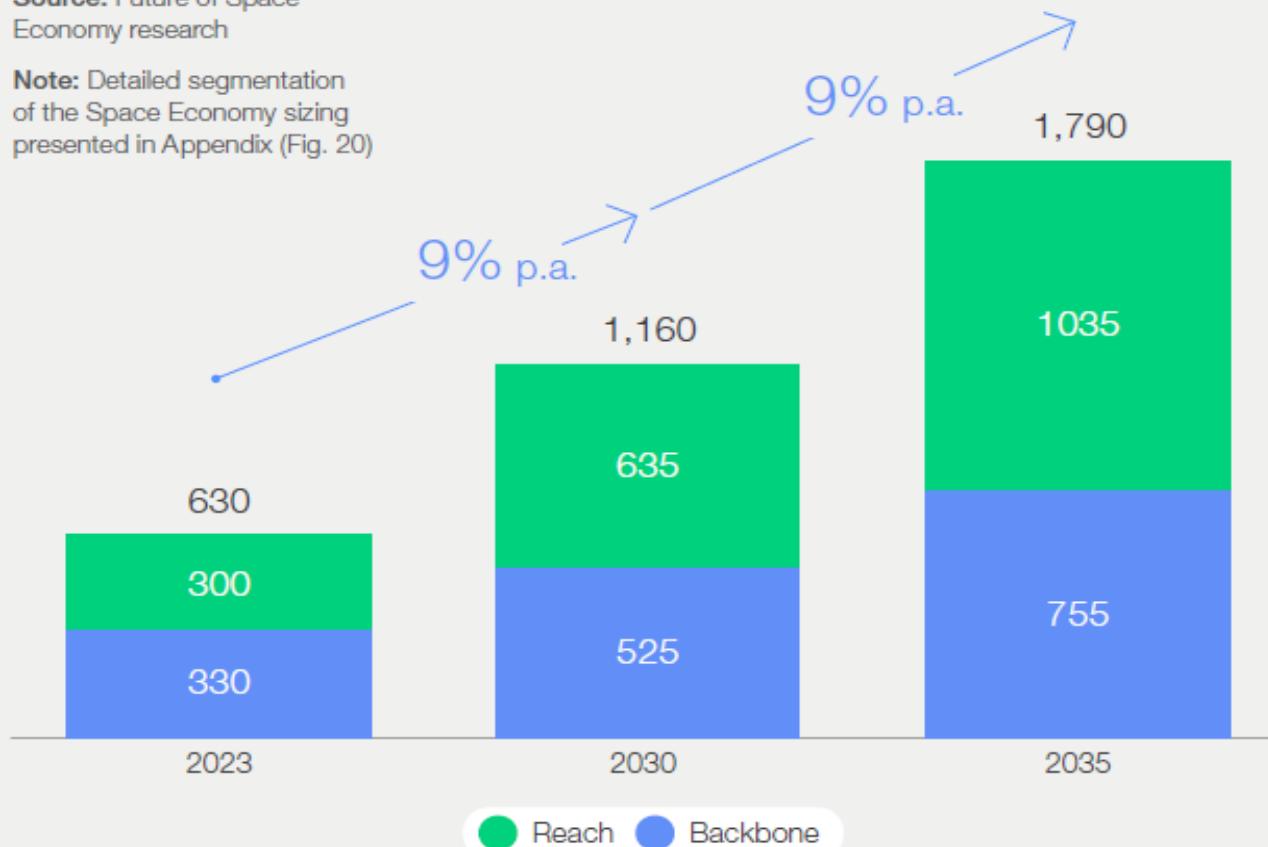
# Economia espacial

A Economia Espacial abrange todos os negócios que dependem do acesso orbital para gerar valor.

# Quanto vale a economia espacial?

Source: Future of Space Economy research

Note: Detailed segmentation of the Space Economy sizing presented in Appendix (Fig. 20)

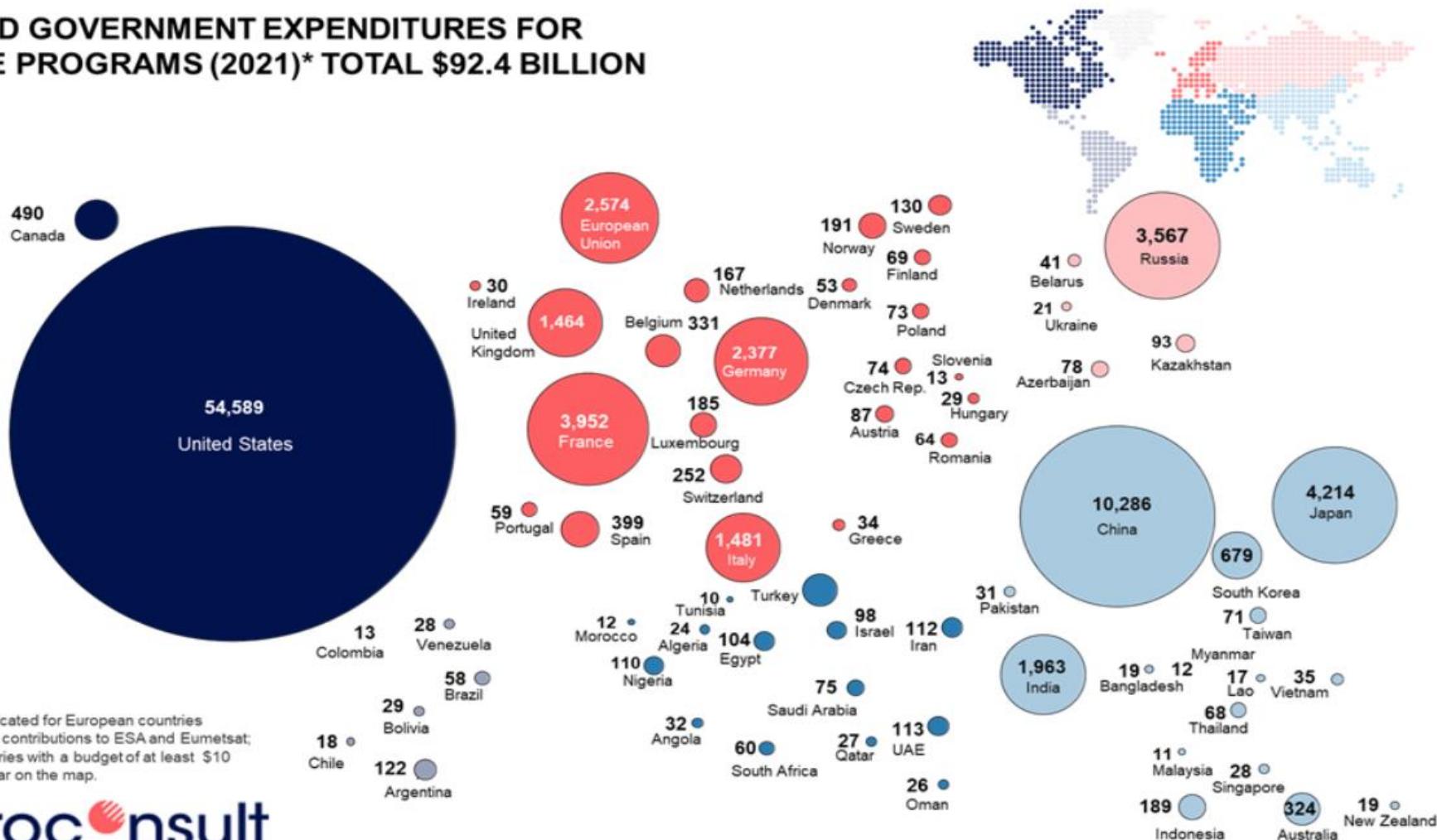


World Economic Forum  
McKinsey & Co. Space:  
The \$1.8 Trillion  
Opportunity for Global  
Economic Growth.  
INSIGHT REPORT, 2024

# Panorama Brasileiro



## WORLD GOVERNMENT EXPENDITURES FOR SPACE PROGRAMS (2021)\* TOTAL \$92.4 BILLION



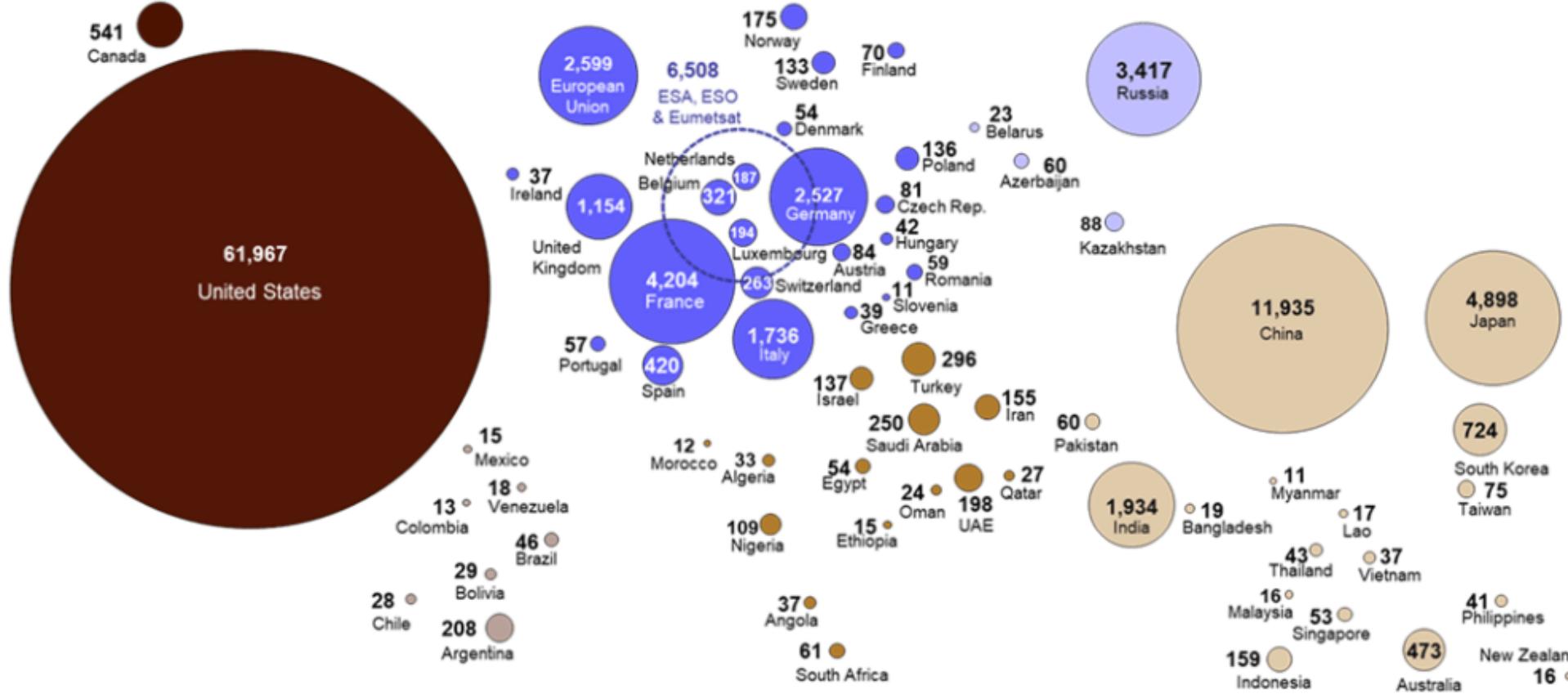
### Budgets indicated for European countries

include their contributions to ESA and Eumetsat.

- Only countries with a budget of at least \$1 million appear on the map.

**Euroconsult**

World government expenditures for space programs in 2022\* for a total investment of \$103 billion

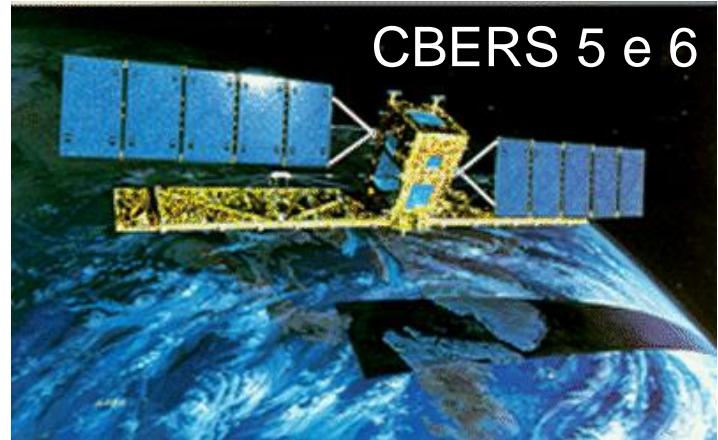


\*Only countries with a budget of at least \$10 million appear on the map. Budgets indicated for European countries include their contributions to ESA, ESO and Eumetsat.

# Algumas iniciativas em curso

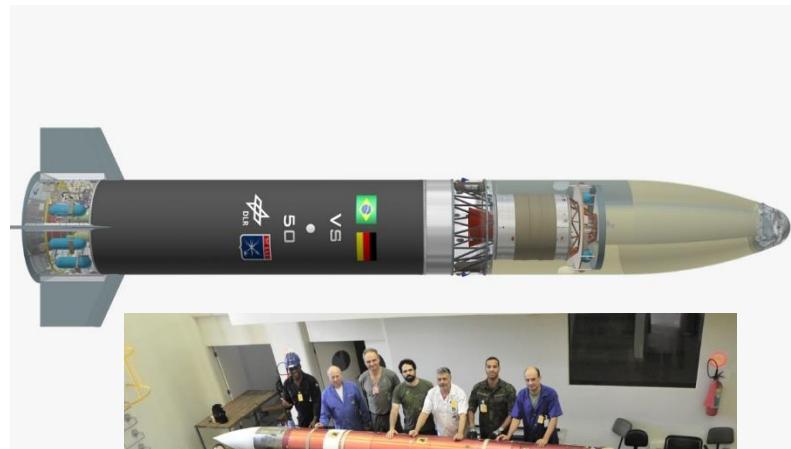


# O QUE ESTAMOS FAZENDO



Novas missões:  
satélites

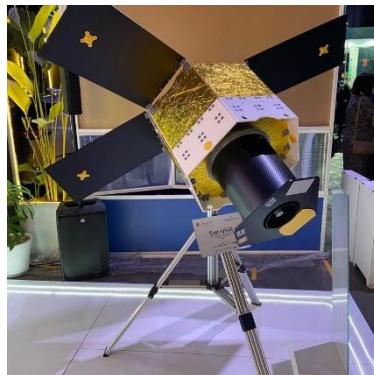
# O QUE ESTAMOS FAZENDO



Novas missões:  
acesso ao espaço

# O QUE ESTAMOS FAZENDO

## SatVHR



VLN

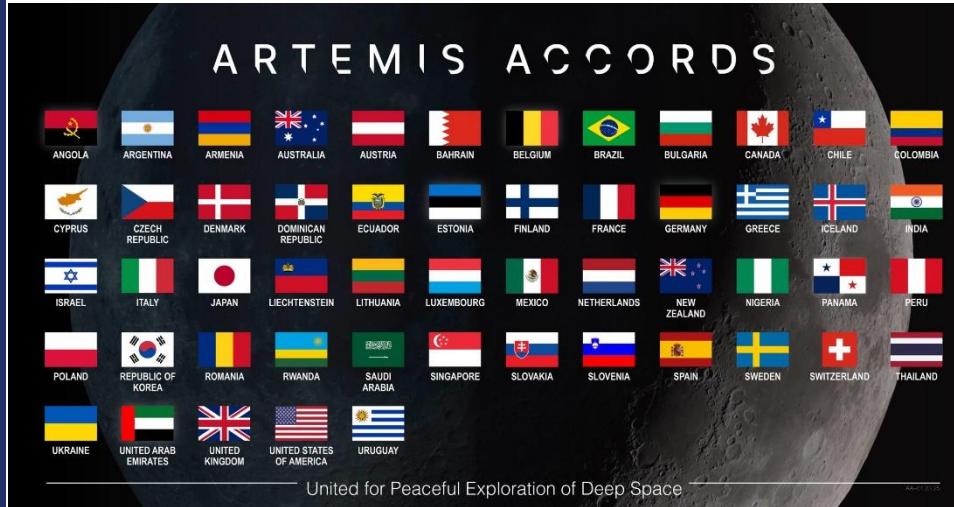


MLBR



- Veículos lançadores de pequeno porte (380M)
- Satélite de alta resolução (220M)

# Agricultura espacial



## Space Farming Brazil



# Constelação de pequenos satélites



# Potencial



Uso de capacidades  
nacionais



Cobertura: 1 semana

# Obrigado!

