



cmcc

Centro Euro-Mediterraneo
sui Cambiamenti Climatici

We are a **leading research center**
focused on **understanding the interaction**
between **climate change and society.**

www.cmcc.it

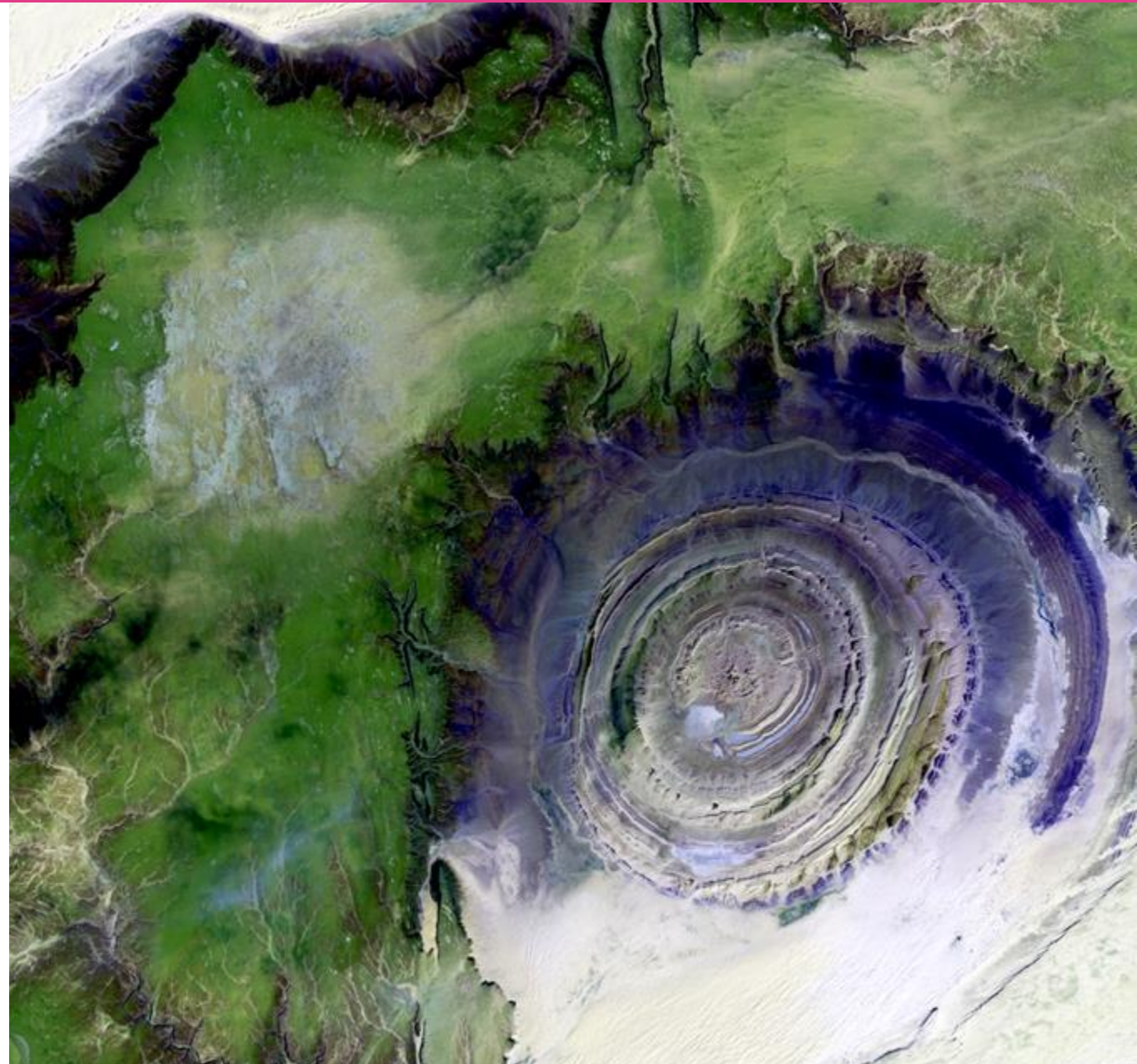




MISSION

To investigate and model our climate system and its interactions with society to provide reliable, rigorous, and timely scientific results to stimulate sustainable growth, protect the environment and develop science driven adaptation and mitigation policies in a changing climate.

To develop foresights and quantitative analysis of our future planet and society.





THE RESEARCH INSTITUTES

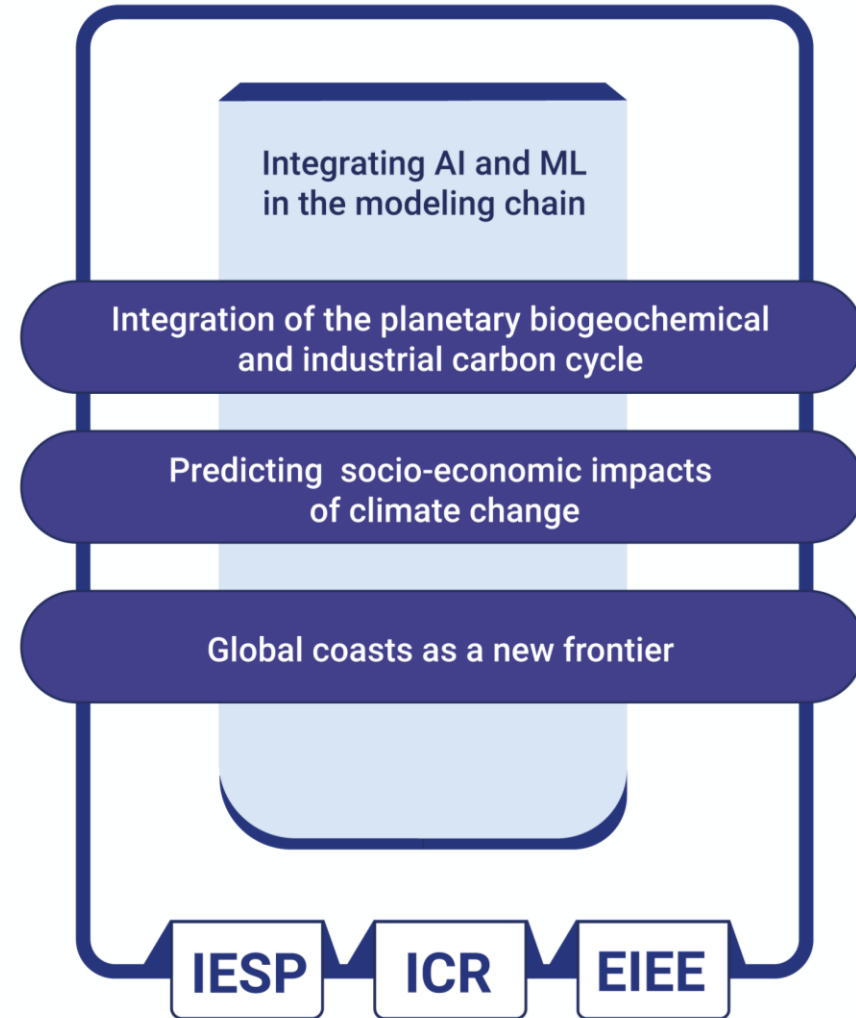
Climate science and social science researchers from all over the world collaborate in a highly multidisciplinary environment enhanced by the organization into three Institutes that collaborate, exploiting the advanced technology of the CMCC's computing infrastructure.





STRATEGIC PROGRAMMES

In 2024 CMCC launched 4 "cross-cutting" research programs, financed directly by the CMCC operating funds.





THE SUPER COMPUTING CENTER (SCC)

Since 2008, the CMCC Supercomputing Center (SCC) is the most powerful computational facility in Italy and among the most advanced in Europe, fully dedicated to Climate Change research.

32,400

Cores

2,359

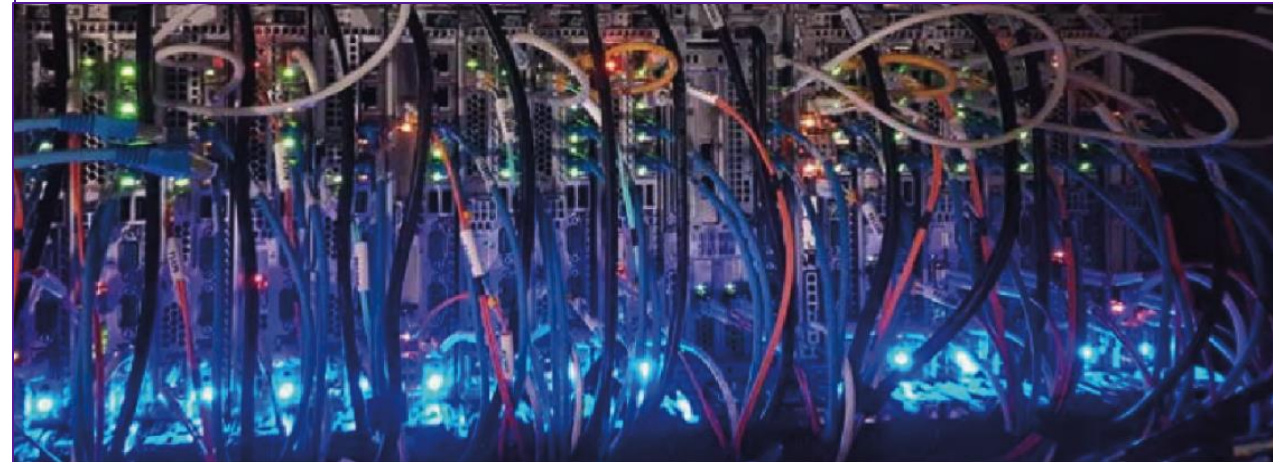
TFlops – Theoretical peak performance
(1 Tflop = 1,000 billion operations per second)

37

PetaBytes - Storage system capacity

62

PetaBytes – Tape Library (archiving system)





OFFICES

CMCC is organized in the form of a network distributed throughout Italy.

The network connects public and private entities working together on multidisciplinary studies concerning issues of interest to the climate sciences.





CMCC HEADQUARTERS IN LECCE





WORK AREA & MEETING ROOM

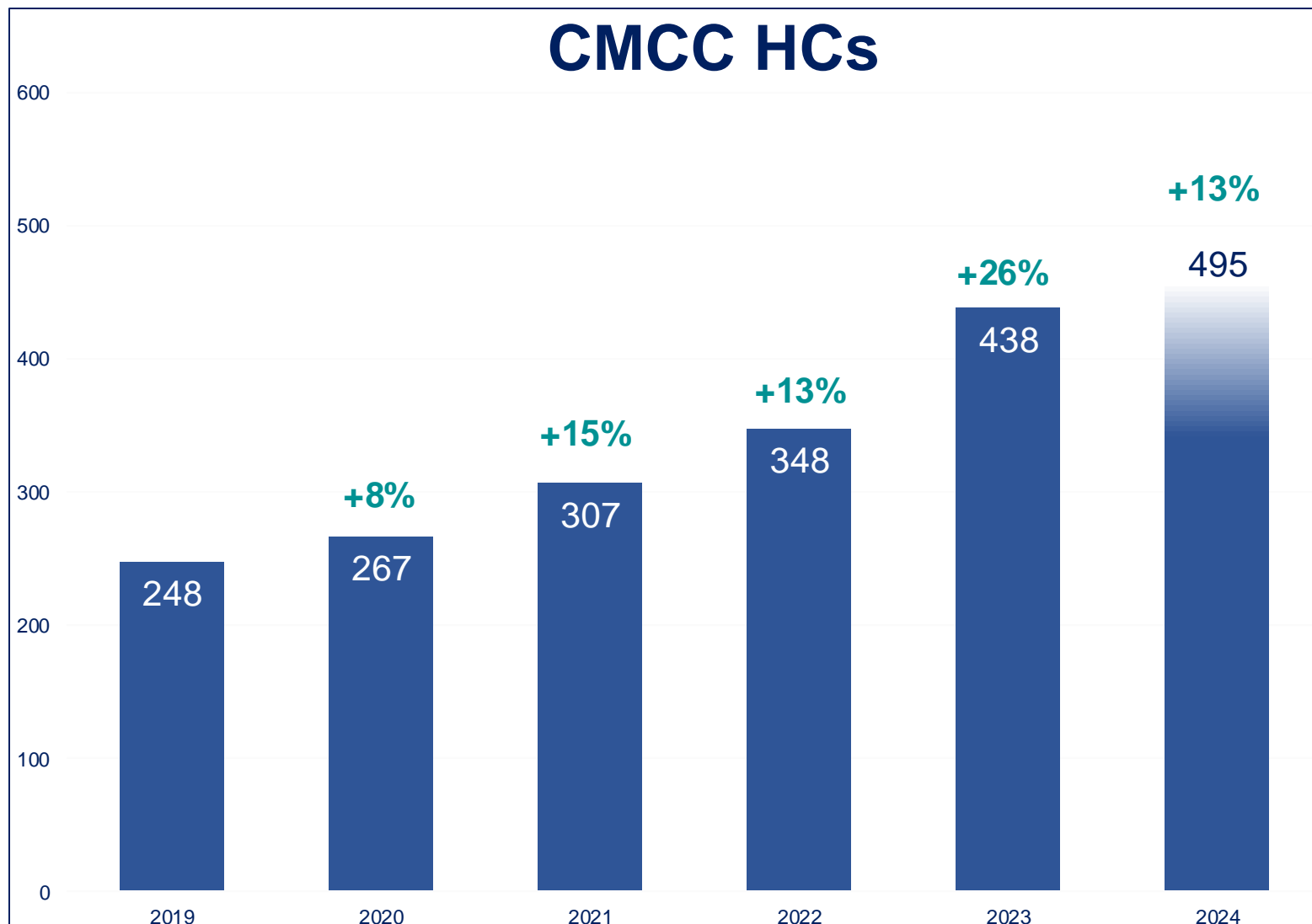




STAFF

An increasing trend: from 248 units employed in 2019, to 438 units in 2023.

A gender balanced work environment: 57% M and 43% F



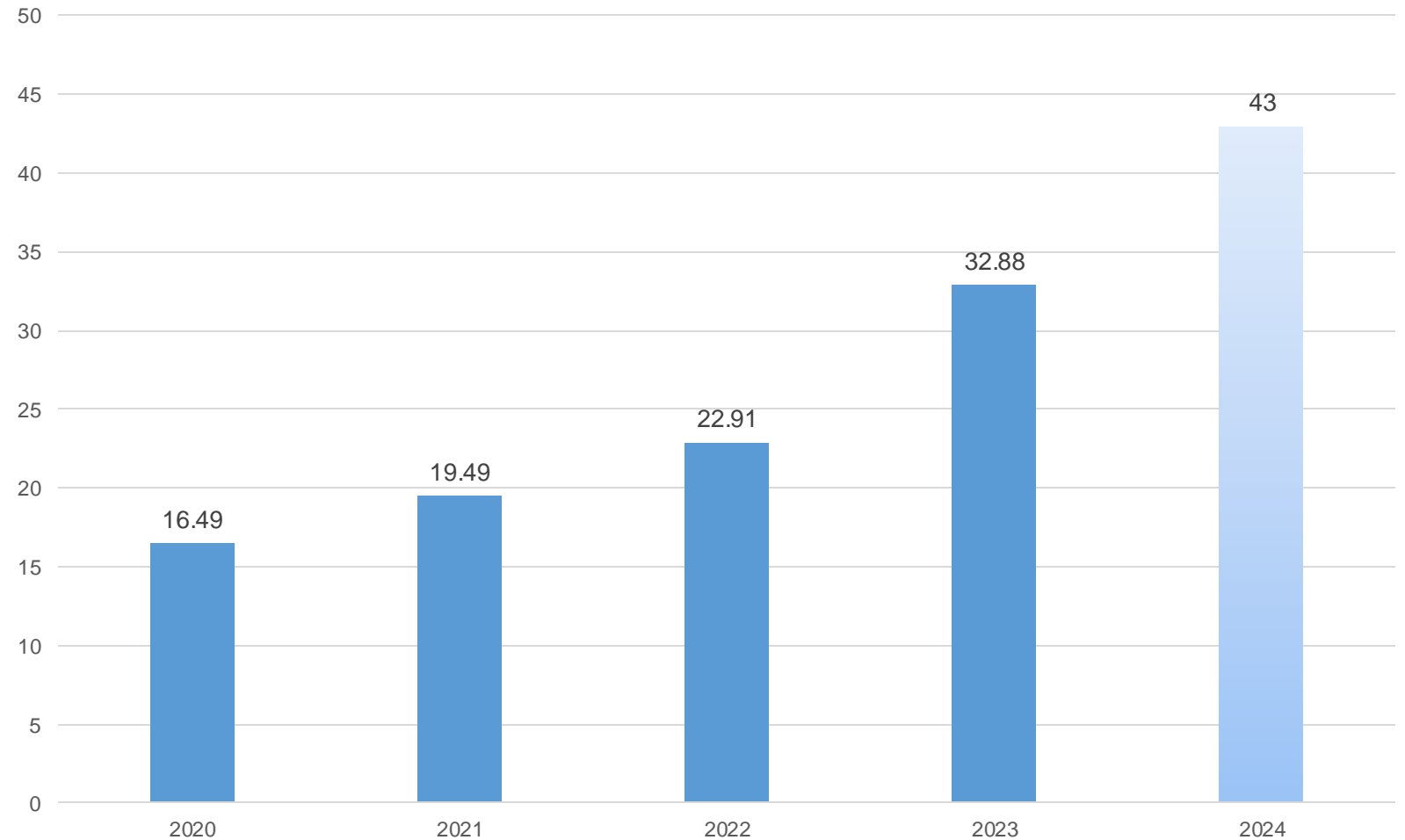
Total population growth rate y/y
*2024 provisional data



YEARLY BUDGET

CMCC Foundation has always been growing since its inception, **doubling the volume of activities over the last few years.**

Yearly Budget in mln EUR

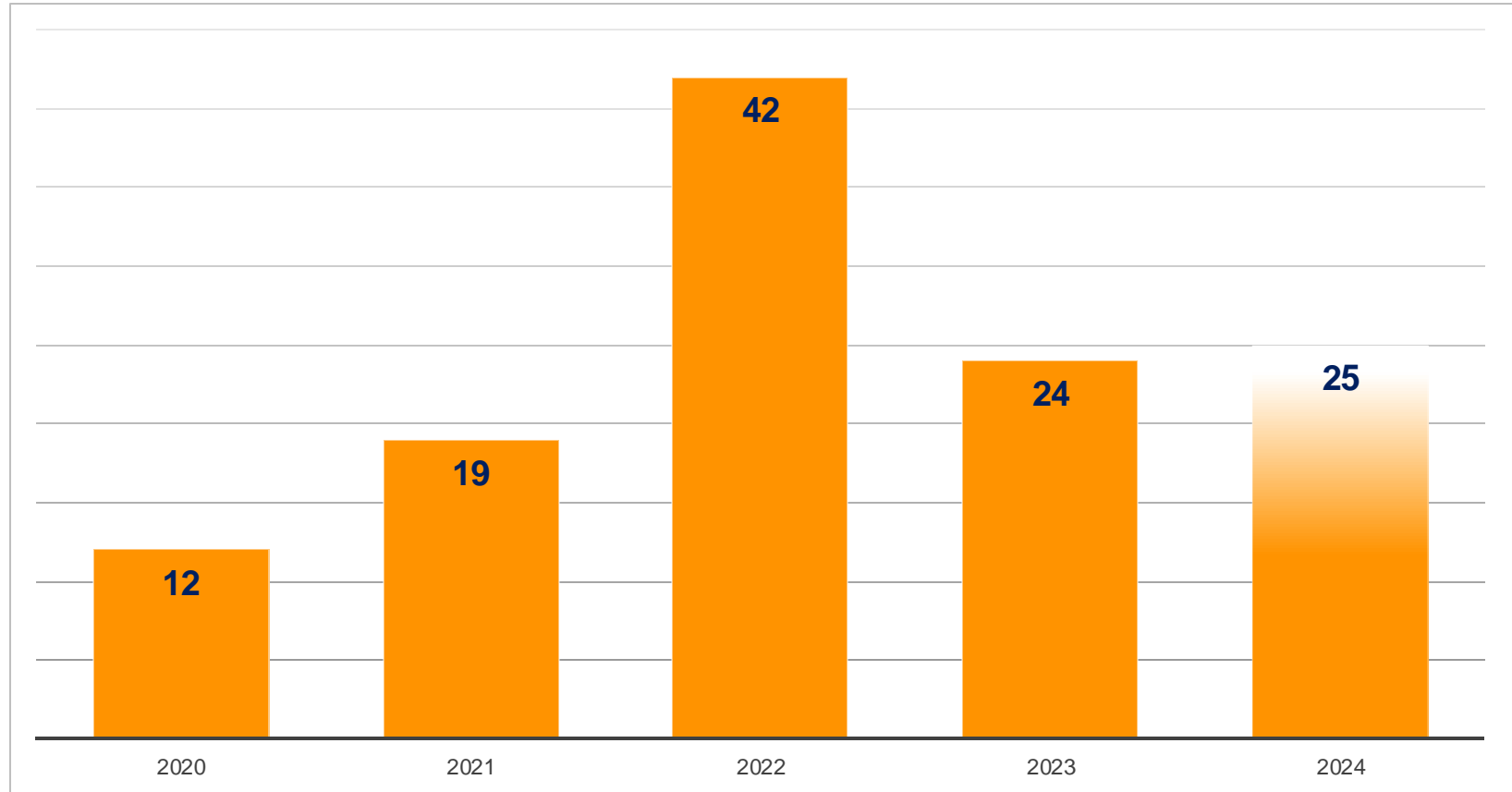


** 2024 provisional data*



FUNDRAISING

Acquired funds - budget



**2022 was an exceptional year (PNRR)*

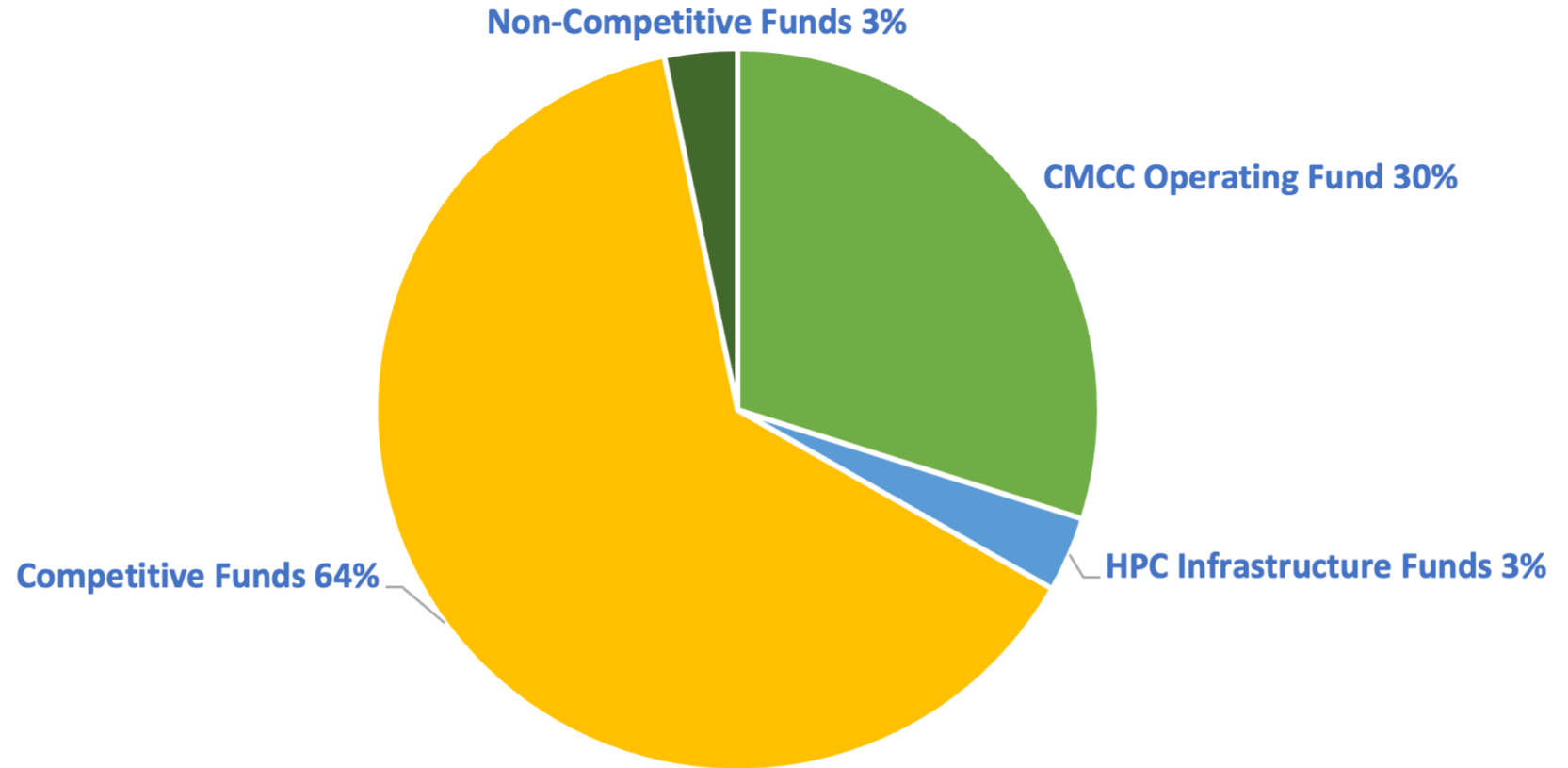
***2024 provisional data*



FUNDRAISING

The charts quantifies the percentage of funding types.

Acquired funds - type

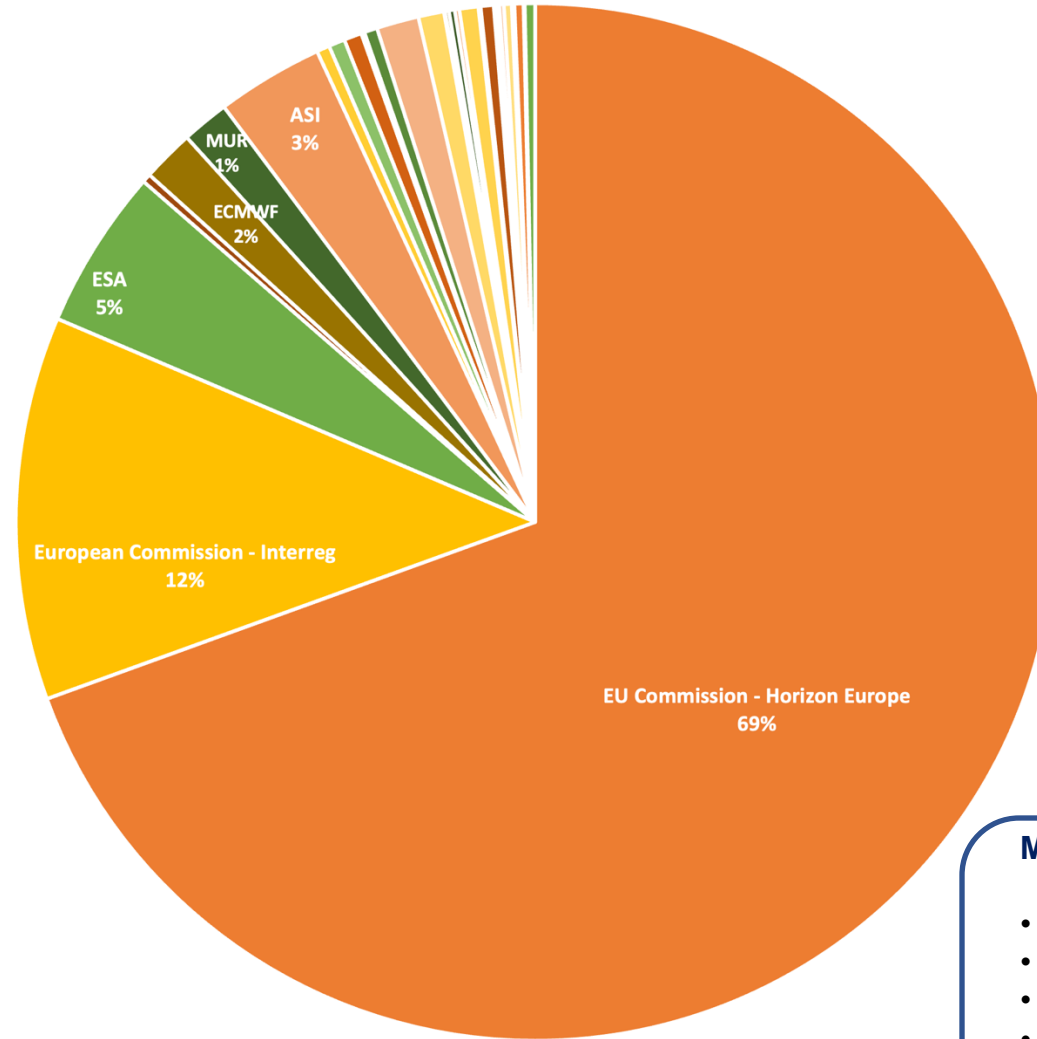


Data 2023 & 2024



FUNDRAISING

The charts identify the main funding entities, referred to the year 2023 and 2024.



Main Funders:

- EU Commission - Horizon Europe
- European Commission - Interreg
- ESA
- ECMWF
- MUR
- ASI

Data 2024



PROJECTS OVERVIEW

Since 2006, CMCC Foundation launched 221 projects, accounting for over EUR 109 million in funding

The table on the right summarizes projects running in the year 2024.

CONCERTO	ARCADIA	NEWPATHWAYS	NBRACER	PEERS-2	ObsSea4Clim	FOCCUS	PHAROS	NORISK	MISSION	MOIRAI	NextGenCarbon	GLORI - DE_360	TORRE GUACETO	ESA - IRIDE - LOT 4	Climate Modelling User Group...	Stonew alls4life	STO CMR...	ESA GDA-Climate...	Global Projections of Storm Surges and Waves under Climate Change...	23138-COP-INNO SCI-9000 (CMCC - Lot 2.3)...	Global Research Alliances (Phase...	MELTED MUR - PRIN -...	Accordo CMCC - Aerop...	Analisi del risch...	Mappatur a della pericolosit à...	Knowledge support for the European...	Offerta per la consulenza per la...	Global Research Alliances (Phase...	23138-COP-INNO SCI-9000 (CMCC - Lot 2.3)...	Accordo di collaborazione Istituzionale in ambito tecnico...	Analisi delle vulnerabilità e dei rischi...	IFAB - SEEDS	HURRAY!	PRUDENT	23138-COP-INNO SCI-9000 (CMCC - Lot 1.2) SICAP	ESA - IRIDE - LOT 3 (SE-54-13)	Sviluppo di framework per l'utilizzo delle variabili atmosferich...	SIRC: Provision of real-time oil spill simulations for Saudi Arabia	IDEATION	EDSC Beyond	VALORADA	Co-CREATE	C-BLUES	C3S2_413 - ECMWF - Enhanced Operational Windstorm Service	Interreg IPA ADRION (OPA) - AQUA	Interreg IPA ADRION (ASC) - ARCA	RI-SCALE (ex SCALE-AI)	ACCREU - HOP-ON	ClimateFIT	SCEWERO	LIQUIDICE	BlueGreen Governance	DRYAD	ALIENA	CARMINE	Ad-apt (exADRIACLIM2)	SPACE IT UP - PNRR - PE - SPACE (Spoke 7)	WeatherGenerator	AcquaGuard	SPACE IT UP - PNRR - PE - SPACE (Spoke 5)	FIND (ERC STARTING GRANTS)	PHAROS	Med-IREN	Medews	AGILE	ENTICE	DeslrMED
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