AllEnvi
Alliance nationale
de recherche
pour l'Environnement

A national infrastructure network

to meet major environmental challenges

Drawing up a national strategy

The result of several decades of construction, research infrastructures (RIs) in the Earth and environmental sciences, develop and produce tools, services and data. They serve a community of tens of thousands of scientists and contribute to a better understanding of how the Earth system works, through observation and experimentation.
They allow use modelling to develop solutions to help our environment and societies adapt to global changes.

Concerted actions to:

- Unite the Earth and Environment system communities
- Innovate with ambitious infrastructures
- Strengthen technical and scientific expertise
- Address cross-disciplinary scientific issues (sustainability sciences)
- Provide FAIR data (open science)
- Inform public decision-making
- Consolidate the international positioning

Overview of **researc**
in the **Earth and en**

Key figures

21

accredited research infrastructures,

of which

17

are part of European and international networks

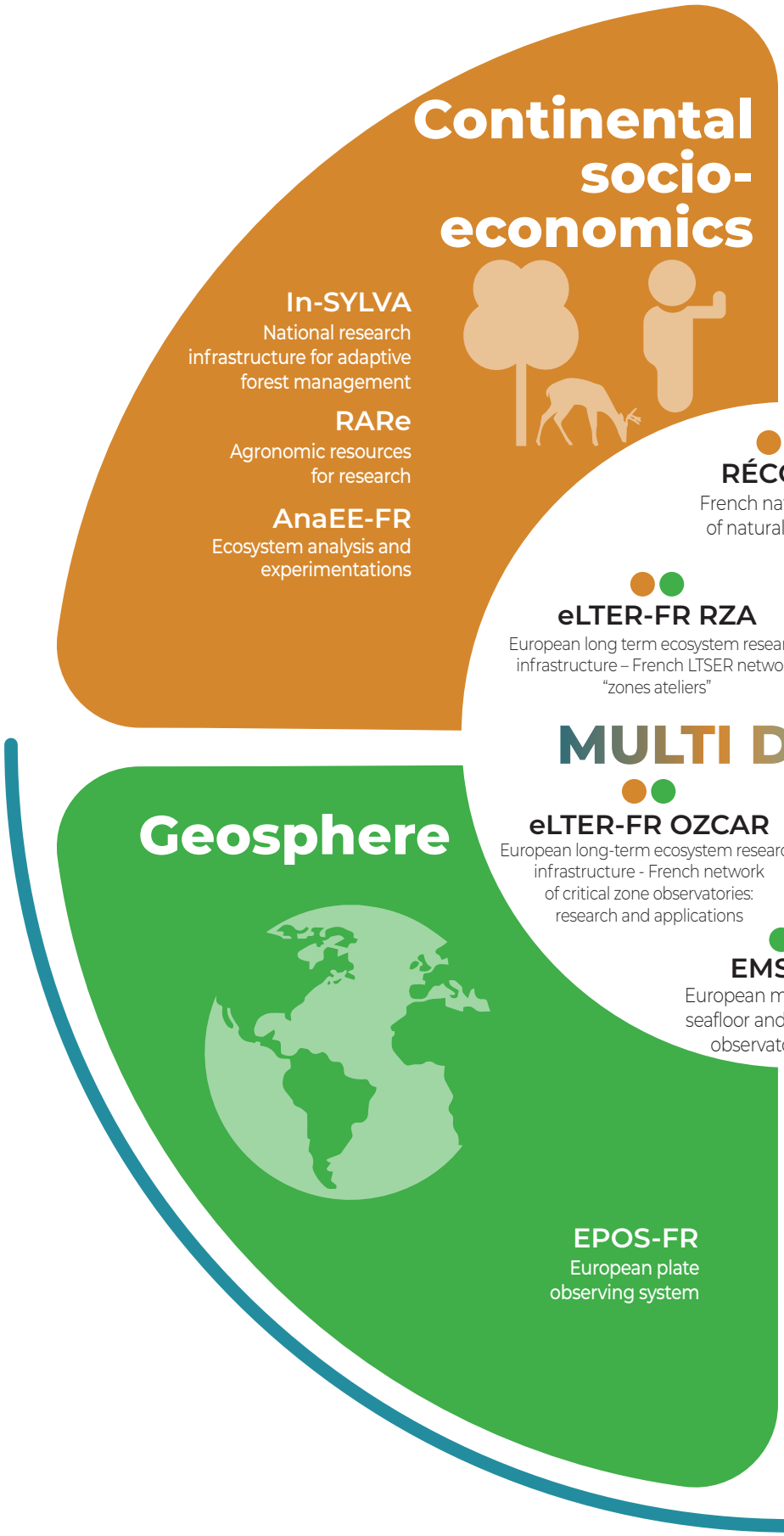
And more than

100

research organi-zations, universities and institutions

110

petabytes of data produced annually



ch infrastructures
vironment system

Atmosphere

IAGOS
In-service aircraft for global observing system

ACTRIS
Aerosol, clouds and trace gases research infrastructure

OLNAT
onal network
st collections

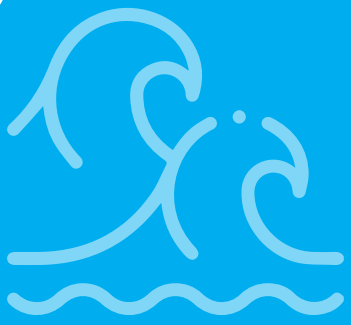
ICOS
Integrated carbon observation system

OMAINS

ILICO
Marine coastal and nearshore research infrastructure

O-FR
ltidisciplinary
water column
ry – France

Ocean



EURO-ARGO
In-situ ocean observation network/European contribution to Argo program

Cross-disciplinary logistics and analytical facilities

Logistics and analytical equipment

ECORD-IODP
French geochemical and experimental network

FOF
French oceanographic fleet

RéGEF
French geochemical and experimental network

IN AIR
National infrastructure of Instrumented aircraft for research

Concordia
French-Italian Antarctic research station

e-Infrastructures

CLIMERI-France
National research infrastructure for modelling the Earth's climate system

CEPMMT
European centre for medium-range weather forecasts

DATA TERRA
Data hubs and services for the Earth system

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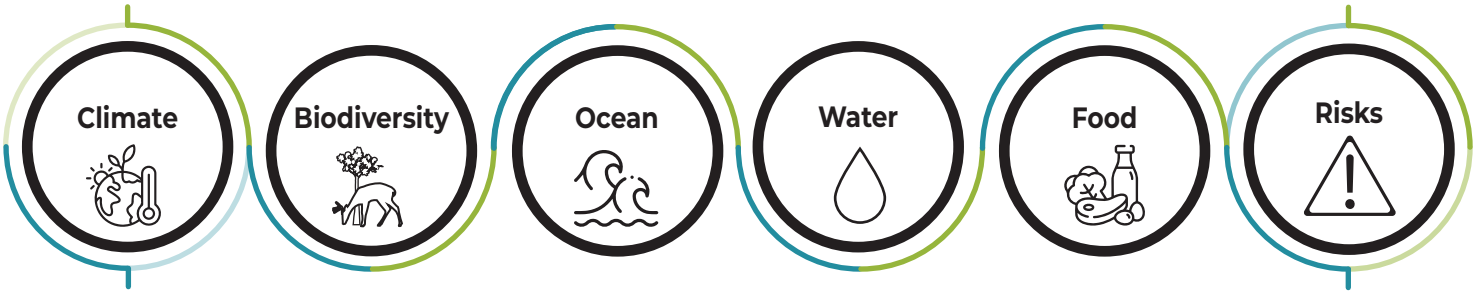
Major environmental challenges



Certified and qualified data to

- Ensure long time series
- Develop interdisciplinary analytical and logistical strengths
- Develop models based on real field conditions
- Simulate processes and test scenarios

High scientific and socio-economic impact

- A cross-disciplinary, integrated approach to environmental research
- An investment policy designed to meet societal challenges: food, biodiversity, health, soil and hydro-climatic risks, energy transition, etc.
- A range of services and access to open data to help understand Earth system processes

To find out more

The **AllEnvi white paper** presents and analyses the structural and thematic diversity of the national network and proposes strategic changes to maintain French research at the highest international level

Scan the QR code

www.allenvi.fr/wp-content/uploads/2022/06/Livre_blanc_Infrastructures_2020-2030.pdf

The French Roadmap 2021 expresses a clear vision for the essential research and innovation infrastructures, providing a true strategic analysis of the research infrastructure landscape.

Scan the QR code

www.enseignementsup-recherche.gouv.fr/sites/default/files/2022-03/feuille-de-route-nationale-des-infrastructures-de-recherche---2021-v2--17318.pdf

Graphic design : Laetitia Martin - Laetmartin@gmail.com