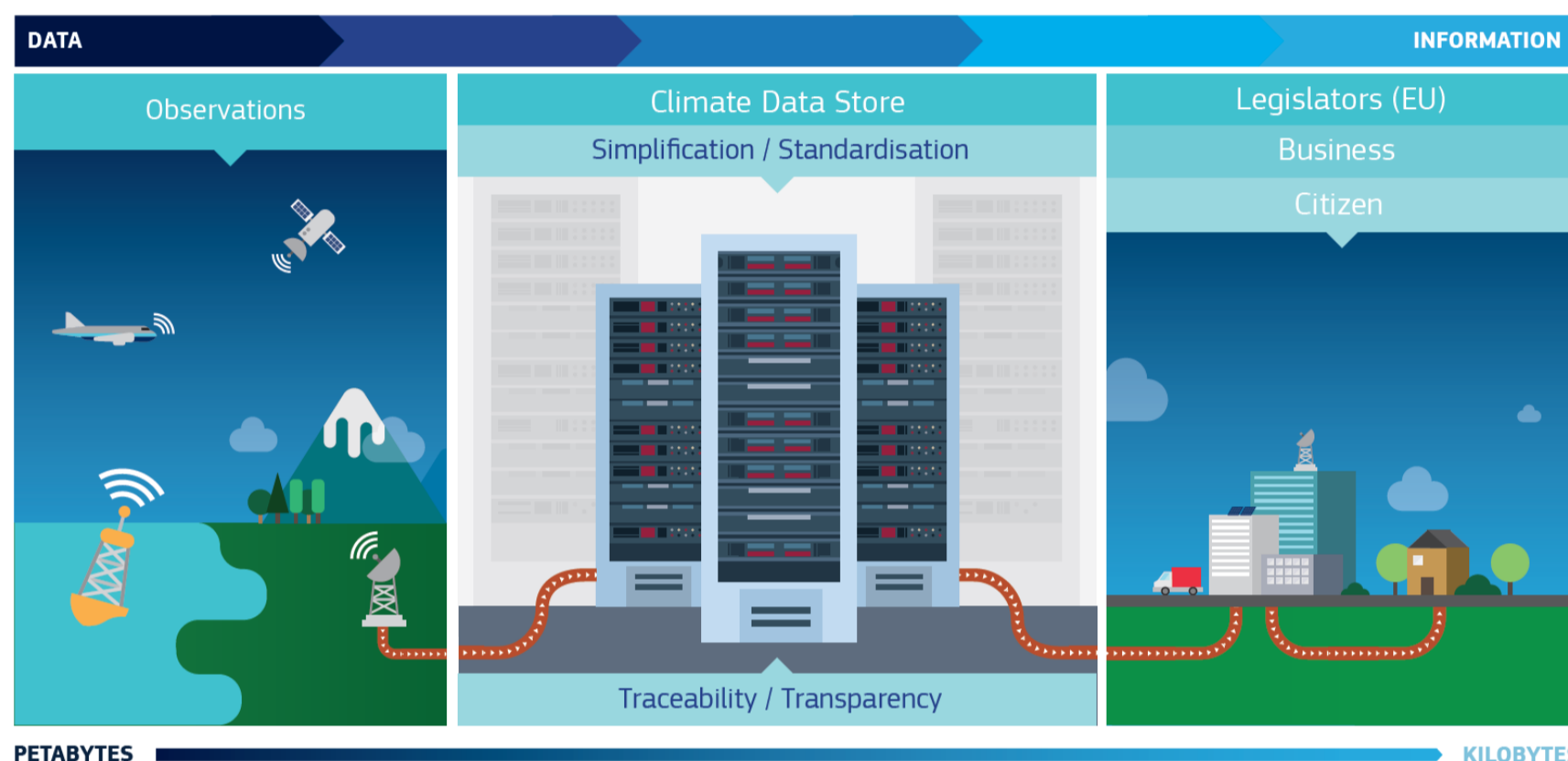


What makes C3S unique?

C3S is an **operational** programme, providing **free and open** authoritative and standardised data about the past, present and future climate, as well as tools to enable climate change mitigation and adaptation strategies by policy makers and businesses.



How does C3S add value to adaptation plans?

C3S provides a trusted source of climate data, tools and information at global and European level which makes it a **benchmark to support adaptation plans**. A massive amount of data is made available via the Climate Data Store, as used by more than **64 000 users** with on average **76TB downloaded per day**. The data comes hand in hand with **tools, user support services, training as well as a unique evaluation and quality control service**.

<https://climate.copernicus.eu/>

Contact: Stijn.Vermoote@ecmwf.int

Providing benchmark data for international climate funds in scope of investment decisions on adaptation

C3S reanalysis data (ERA5) used by IISD and the GEF via the Special Climate Change Fund (SCCF) to make it easier for investors and government officials to consider nature-based solutions when making infrastructure spending decisions with the aim of scaling up action on nature-based solutions for adaptation.



Enhance Europe's resilience to climate change

C3S supports the **EC DG CLIMA** on the formulation and implementation of the new **EU strategy on Climate Change Adaptation** as part of the **European Green Deal** with:



- Feeding the Climate-ADAPT platform (EEA) with C3S data;
- Stimulating the use of C3S data and tools as benchmark for better informed decision-making, alongside locally sourced data and information;
- Develop user driven applications on adaptation in key vulnerable sectors such as agriculture, infrastructure, water and energy.

GLOBAL TO REGIONAL

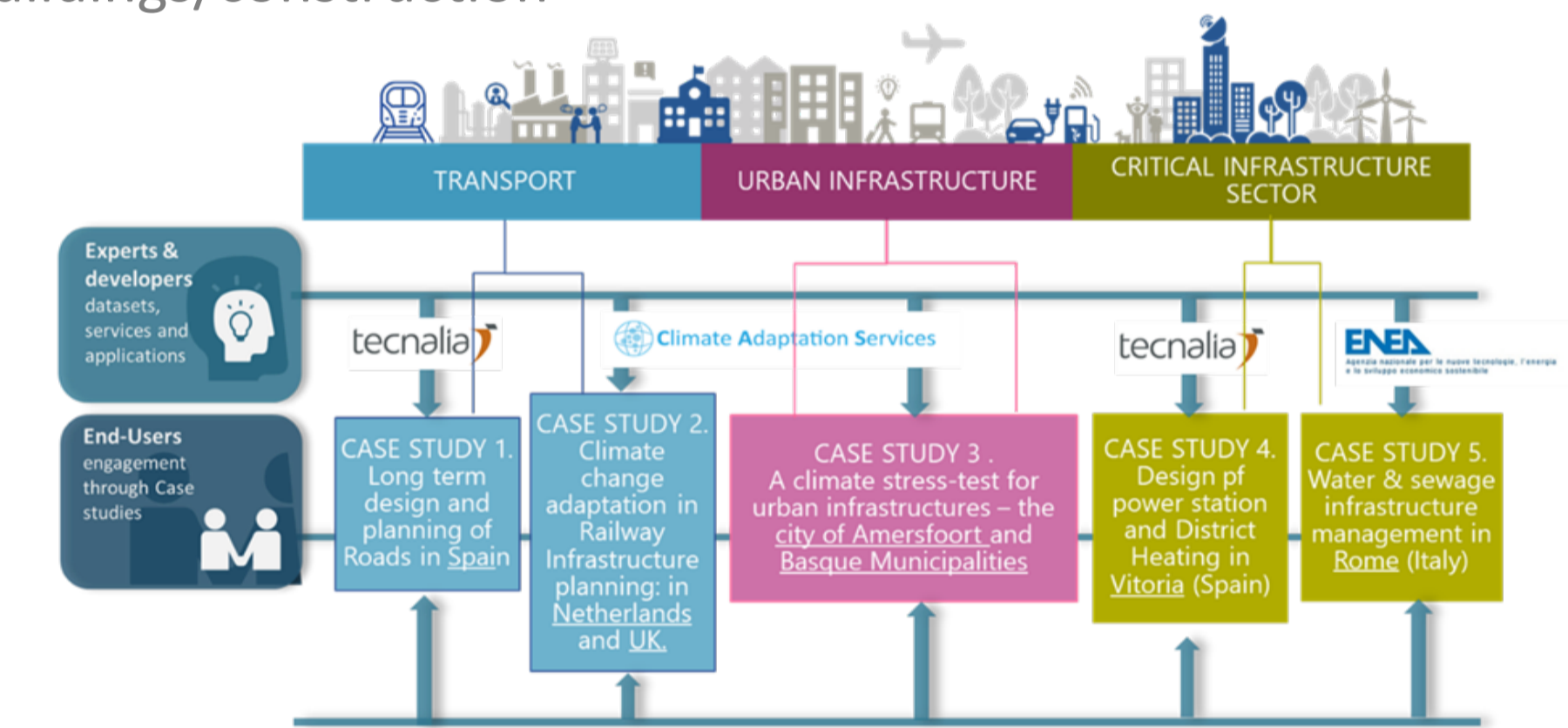
To support national adaptation plans, **consistent** climate information at **different scales** is needed. The portfolio of C3S includes consistent estimates of: multiple Essential Climate Variable (ECV), reprocessed Climate Data Records, a near-real-time climate monitoring facility, multi-model seasonal forecast datasets, climate projections at global and regional scales as well as climate indicators aimed at supporting adaptation and mitigation policies in specific economic sectors.

IMPACT STORIES

C3S climate data and information to address resilience to climate change in standards for infrastructures.

- A single entry point with trustful and maintained information
- Tailored data for extreme weather conditions
- Information for users who are not climate experts

Focus on the three key sectors identified in the EU strategy on adaptation to climate change: transport infrastructure, energy infrastructure and buildings/construction



LINKS TO ADAPTATION PORTALS

The interface links EEA Climate-ADAPT and C3S data, giving users access to the resources of the Climate Data Store to support local, regional & transnational climate adaptation strategies.

