



Destination Earth

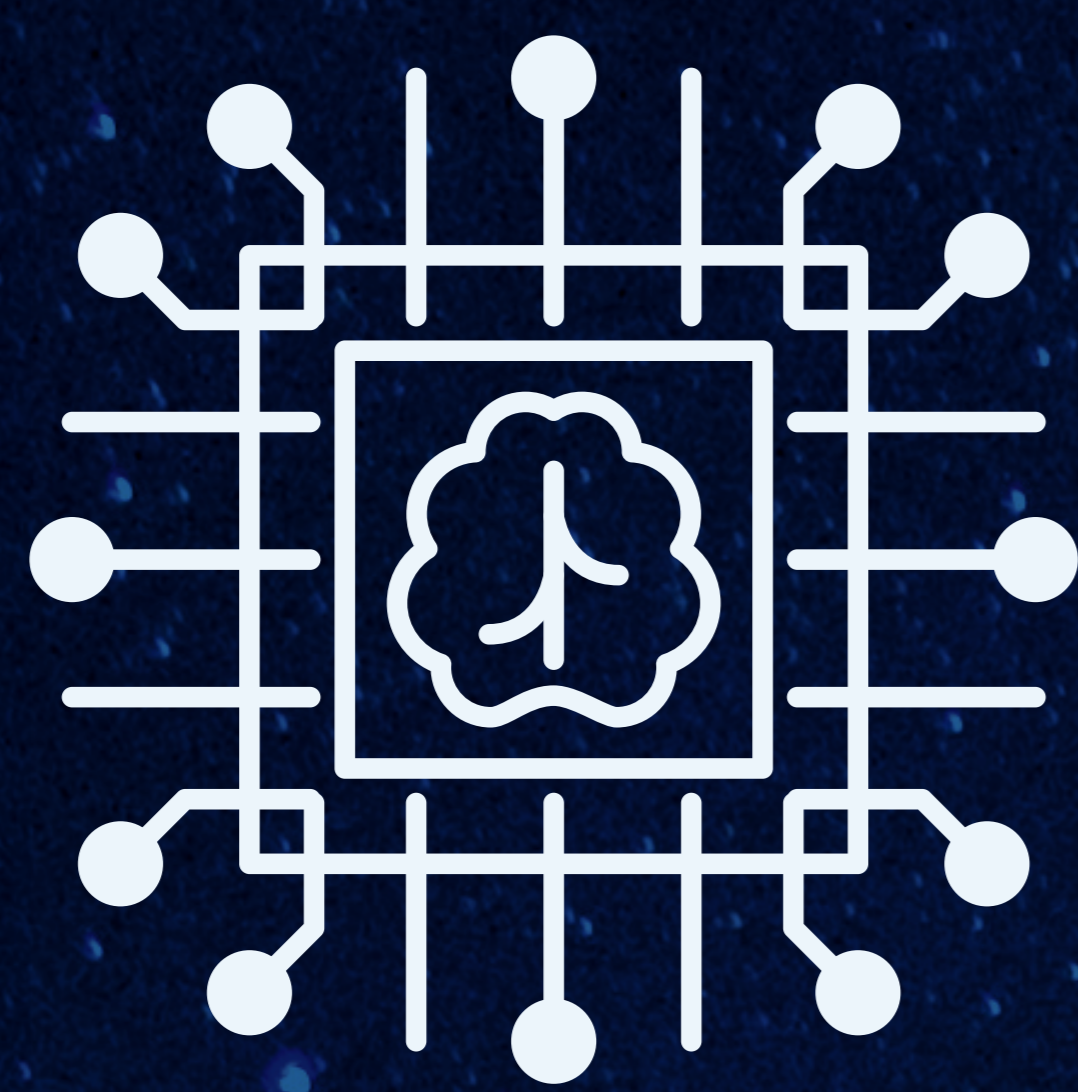
DestinE will support climate change adaptation and mitigation strategies by **developing a full digital twin of the Earth**. This will provide groundbreaking accuracy, speed and interactivity to users through models, simulations and forecasts of natural phenomena.



Join the Community!

destination-earth.eu

Destination Earth Components



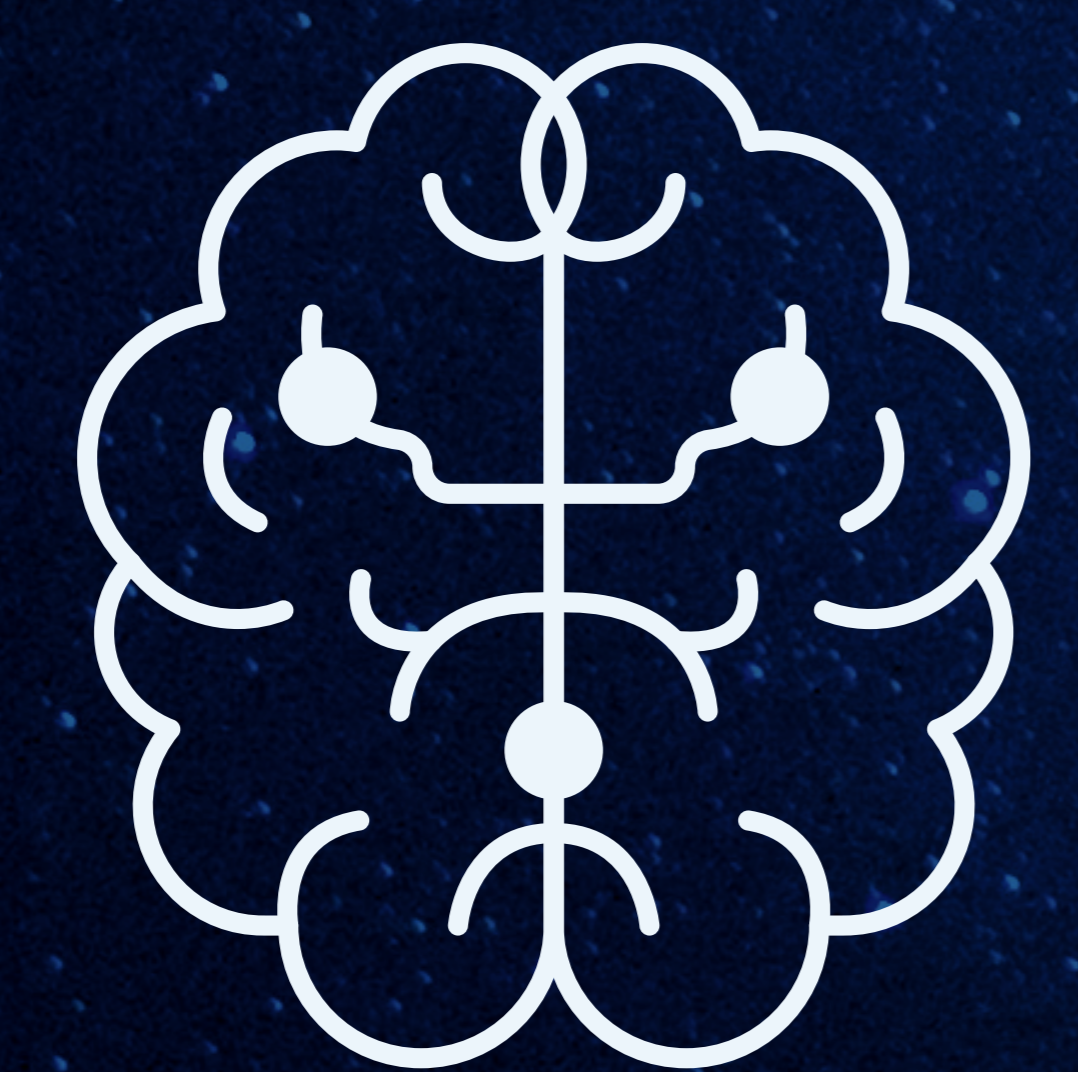
Core Service Platform

User's entry point to the DestinE system, offering evidence-based decision-making tools, applications and services, based on an open, flexible, and secure cloud-based computing infrastructure.



Data Lake

Data access harmonisation of Digital Twins data and federated providers such as ESA, EUMETSAT, ECMWF, Copernicus and many other sources. Big data processing capabilities provided to allow computing in proximity to the data.



Digital Twins and Digital Twin Engine

Creation of the first two digital twins, on Weather-induced Extremes and Climate Change Adaptation, and the Digital Twin Engine, the extreme scale computing, data handling and data fusion software infrastructure behind the digital twins.



Funded by the European Union

Destination Earth

Implemented by  ECMWF  esa  EUMETSAT