

# DestinE's Core Service Platform

Roadshow Webinar – July 19<sup>th</sup> 2023 | Online

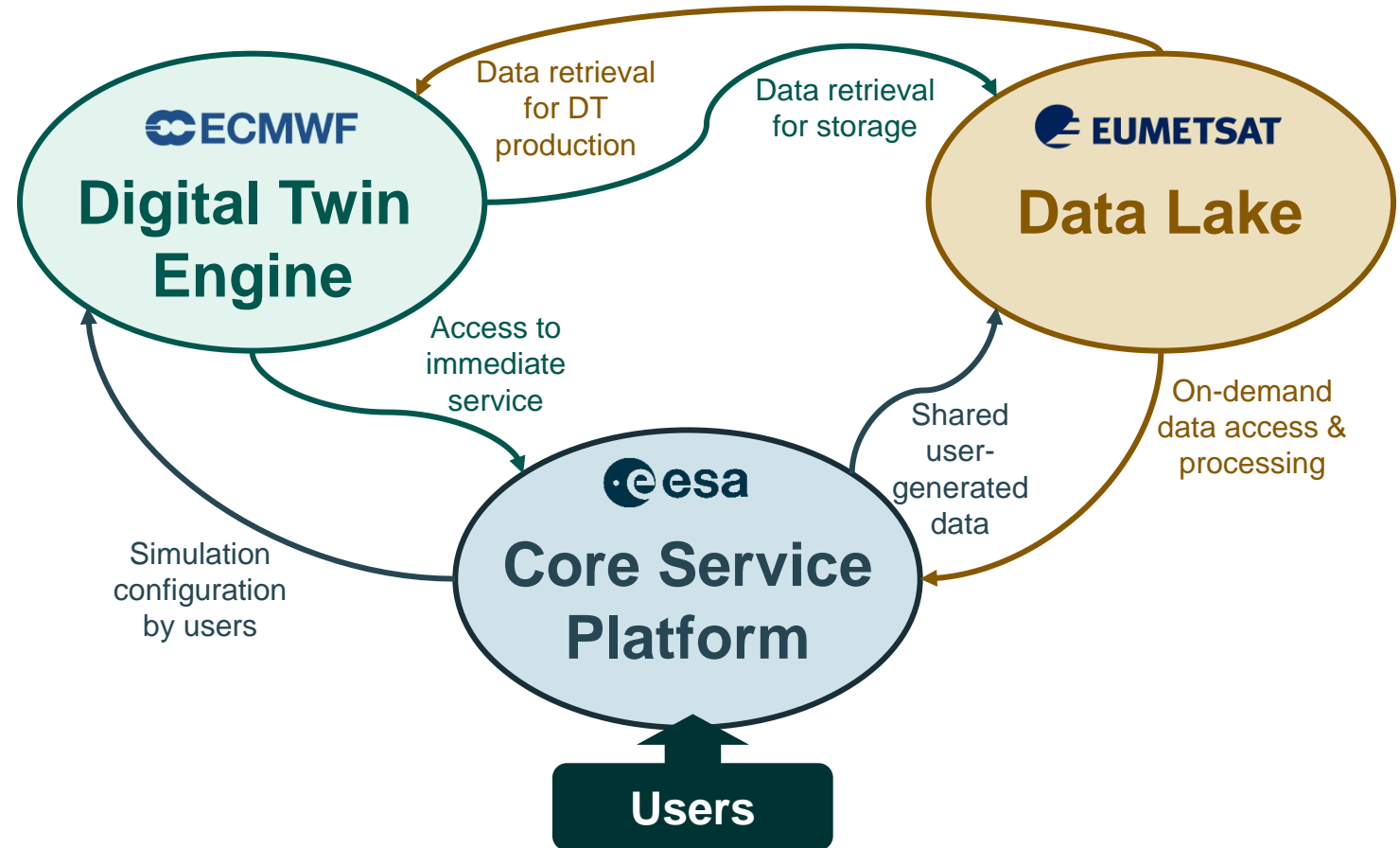
*Inés Sanz Morère* ([ines.sanz.morere@esa.int](mailto:ines.sanz.morere@esa.int))

*European Space Agency*



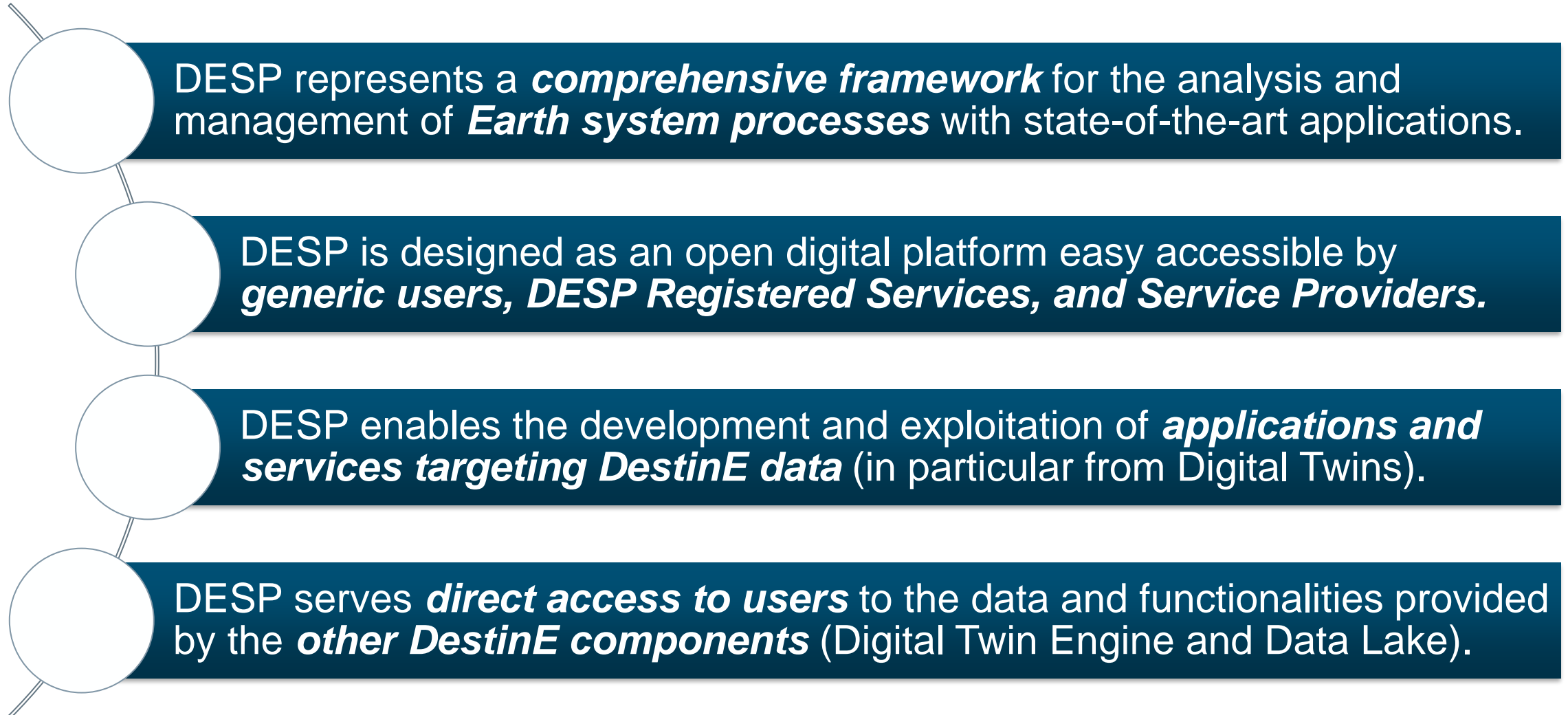
# DestinE System Overview

DestinE is building a highly accurate digital model of the Earth.



ESA's role in DestinE is to develop DestinE's Core Service Platform (DESP), the ***access point for users*** to DestinE system.

DESP represents an ***ecosystem of services*** providing an environment for ***evidence-based policy and decision-making*** supporting tools development, and designed to be functional for a wide ***variety of user profiles***.



DESP favors a service approach that efficiently manages the allocation of resources to user needs, including the ***easy adaptation to different user scenarios***.

- DESP Services shall include scalability options.

DESP Services shall serve the ***objectives of Destination Earth Initiative***, e.g., contributing to the European digital development and to the Green New Deal.

DESP Services shall:

- provide an ***open and inclusive*** access to all DESP users, and
- commit to standards of ***quality and performance*** for operations.



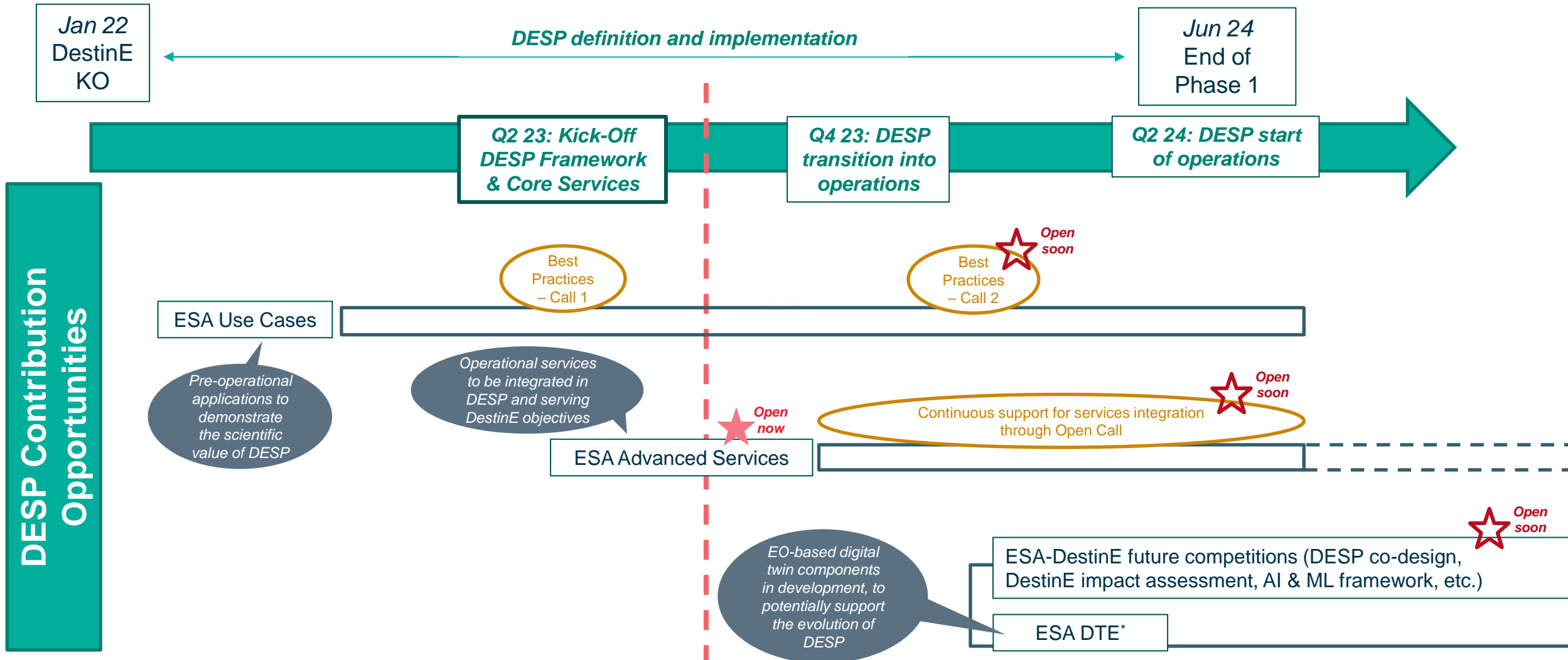
DESP is procured by ESA but fully implemented and operated by external entities.

DESP is planned for a *large user community* and designed to be *inclusive, collaborative, and flexible* to adapt to user needs.

DESP will gradually allow users to *customise the platform*, integrate their own data, and develop their own applications.

DESP provides *free services* for its users and is conceived to enable integration of complementary resources creating a seamless *scalability framework*.

# DESP Contribution Opportunities



\*ESA Digital Twin Earth (DTE) programme, designed to demonstrate the potential value of EO for the future evolution of DestinE, alongside national digital twin initiatives (<https://dte.esa.int/>).

# Thank you!

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*European Space Agency*





# DESP Ecosystem Overview

