

## the interTwin project Digital Twin Engine

*Friday, 29 March 2024 10:00 (30 minutes)*

The Horizon Europe interTwin project is developing a highly generic Digital Twin Engine (DTE) to support interdisciplinary Digital Twins (DT). Comprising 31 high profile scientific partner institutions, the project brings together infrastructure providers, technology providers and DT use cases from High Energy and AstroParticle Physics, Radio Astronomy, Climate Research and Environmental Monitoring. This group of experts enables the co-design of both the DTE Blueprint Architecture and the prototype platform; not only benefiting end users like scientists and policymakers but also DT developers. It achieves this by significantly simplifying the process of creating and managing complex Digital Twins workflows.

In our presentation, we'll share the latest updates on our project, including a detailed look at the DTE Blueprint Architecture released in June 2023. We're also excited to discuss the second version, due for release in January 2024. The presentation will cover the diverse DT use cases we're supporting and give a preview of our First Software release planned for February 2024. This talk is an excellent opportunity for anyone keen to learn about the latest developments in digital twin engines and their applications in science

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