

DECICE: Device-Edge-Cloud Intelligent Collaboration Framework

DECICE aims to develop an AI-based, open and portable cloud management framework for automatic and adaptive optimization and deployment of applications in a federated infrastructure, including computing from the very large (e.g., HPC systems) to the very small (e.g., IoT sensors connected on the edge).

Keywords:

EDGE | CLOUD | HPC | IoT | HETEROGENOUS SYSTEMS | AI-SCHEDULING | MACHINE LEARNING | DATA CENTERS | SYSTEM MONITORING | DIGITAL TWIN | KUBERNETES

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Project Facts:

Programme: Horizon Europe

Reference: 101092582

Duration: 12/2022 to 11/2025

Consortium Overview: <https://www.decice.eu/consortium/>

- [**UGOE** | Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts](#)
| Coordinator
- [**GWDG** | Gesellschaft für Wissenschaftliche Datenverarbeitung MBH](#)
[Göttingen](#)
- [**E4** | E4 Computer Engineering SPA](#)
- [**KTH** | Kungliga Tekniska Hogskolan](#)
- [**USTUTT** | University of Stuttgart](#)
- [**HWDU** | HUAWEI Technologies Düsseldorf GmbH](#)
- [**FBU** | Forschung Burgenland GmbH](#)
- [**SYNYO** | SYNYO GmbH](#)
- [**TOP-IX** | Consorzio TOP-IX – Torino e Piemonte Exchange Point](#)
- [**UNIBO** | Alma Mater Studiorum – Universita di Bologna](#)
- [**MARUN** | Marmara University](#)
- [**BIGTRI** | BIGTRI Bilisim Anonim Sirketi](#)
- [**NAG** | The numerical Algorithms Group Limited](#)