ESCAPE and the other Science Clusters: perspectives on operational commitment to EOSC

Giovanni Lamanna*†[1]

[1]LAPP (Laboratoire d'Annecy de Physique des Particules) – CNRS – 9 Chemin de Bellevue BP110 - Annecy - F-74941, France

Résumé

The need for close collaboration between the ESFRI and the EOSC was addressed in 2019. Funded by the EU within the H2020 framework programme, five projects linked EOSC with ESFRI-endorsed Research Infrastructures (RIs) and other world-class RIs, forming five Science Clusters (https://science-clusters.eu/).
These Science Clusters have taken different paths to become long-term structures: through Memoranda of Understanding (SSHOC), international Collaboration Agreements (ESCAPE), building on established consortia of thematic RIs (EOSC Life) or in an on-going process, relying on existing cooperative frameworks or groups of domain-based RIs (ENVRI, PANOSC). They enable continued community-based commitment to support data-intensive research and open science.

The Science Clusters, representing distinct scientific domains, integrate multiple RIs. Their actions contribute to harmonized models for data access, tools, workflows, and training. Operating as a cluster of clusters in projects like OSCARS (https://oscars-project.eu/) and EVERSE (https://everse.software/), they align with Horizon Europe goals, ensuring the successful implementation of EOSC. After five years of collaborative efforts the Science Clusters' have provided a vision for the future and prospect their contributions to the future architecture of EOSC.

Mots-Clés: EOSC

*Intervenant
†Auteur correspondant: giovanni.lamanna@lapp.in2p3.fr