Survey and Outlook

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Developments: Year 2

- 7 distributed multiscale applications running on demand.
- All fast-track services working on production EGI/PRACE e-infrastructure.
  - GridSpace, QCG Broker, AHE, MUSCLE.
- Policies to facilitate DMC simulations adopted by first productions sites.
- First deep-track components deployed,
  - e.g., SPRUCE, QCG-notify, MPWide

Developments: Year 3

- Deep-track components fully deployed.
- Policies and services propagated to more resource providers.
- Adoption and deployment of external multiscale applications.
- MAPPER Second Seasonal School.
- User support to non-MAPPER communities.

Current collaborations

- Collaborations with e-infrastructures.

  - MoU with EGI,
    - targeting 5 NGIs.

  - Collaboration with PRACE,
    - targeting 4 Resource Providers.

  - MAPPER-PRACE-EGI taskforce,
    - enabled deployment of 2 applications.

Current collaborations

- Collaborations with other projects

  - MoU with ScalaLife.

  - First contact with several projects in this school, open to more links.

- MAPPER is also linked to several large communities:

  - e.g., VPH and the TF-ITM.

Benefits from MAPPER

- General-purpose software tools,
  - e.g., QCG Broker, GridSpace, AHE, MUSCLE...
- Example applications,
  - Share deployed community applications.
- Multiscale Modelling Formalisms.
- E-infrastructure policy efforts e.g.,
  - support for advance reservation, urgent computing,

Contributions to MAPPER

- New non-MAPPER use cases for year 3.
- New deep track tools (+ support).
- Access to new infrastructures.
- Contributions in the policy efforts.
- Scientific research collaboration.

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