

PPTAP: Synergies with industry and other areas

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Synergies with other areas/industry

❖ Statement:

- HEP has had a long tradition of being a pathfinder in the use of S&C in research, and disseminating this knowledge to other areas, including through people undertaking other career paths. The field should continue this tradition, which ensures that the impact of the investment is widely amplified.
- HEP should also continue to work with researchers from other fields (e.g. computer science, data scientists, operations, UI/UX) on R&D activities to ensure the field engages with the latest developments and is able to influence developments where possible, to help to ensure the successful implementation of our S&C roadmap.

❖ Discussion points:

- How much should e-Infrastructure be shared across research areas?
 - What parts of the e-Infrastructure require dedicated HEP resources?
- Is there a need or benefit to coordinating S&C R&D in the UK across fields?
- How should the field ensure impact with other areas that the UK is leading in e.g. health technologies, artificial intelligence, fintech?
- How should the field work with industry and other areas to export expertise (e.g. to fields starting to experience similar challenges) to enhance its impact and to promote knowledge transfer?
- Are there areas that the field should build stronger links with to import expertise into HEP?