

# VA-Task 5. Consolidation

## Task Description

Three VESPA data hubs will be set up at ObsParis, INAF/OATS (Trieste), Heidelberg Univ, all of which are large data centres for astronomy data and contribute to other EU programmes in astronomy, to backup existing data service tables, and possibly upgrade them. This “stewardship programme” will ensure service sustainability in the long term. Further solutions will also be studied, including data storage on the European Open Science Cloud (alternatively on Zenodo) and emerging RDA standards about sustainable data packaging - in relation with JRA Task 2 (Infrastructure).

Support for service registration and technical review of EPN-TAP services will be implemented in the DaCHS server, together with new IVOA protocols to launch simulation services (Heidelberg Univ).

In addition, this task will provide user support & information system, service monitoring & backups, plus a service validator. It will also define good practices for sustainability in provider institutes, including how to deal with doi on datasets.

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## Task Pages

- Organisation of [VESPA hubs](#)
  - [VESPA-Hub Repository Architecture](#)
  - [Individual repositories for VESPA services](#)
- Sustainability
  - [Check the validity of an EPN TAP service using Taplint](#)
  - [Individual DMP of EPN2024RI collections](#)
  - [Digital Object Identifiers for VESPA](#)
  - [VESPA Data provider on-boarding process](#)
  - [Planetary Science requirements in the VO](#)

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## Contacts

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## Useful Links

We are collecting documentation on how to do this at <https://voparis-gitlab.obspm.fr/mdemleitner/mirrorthoughts>