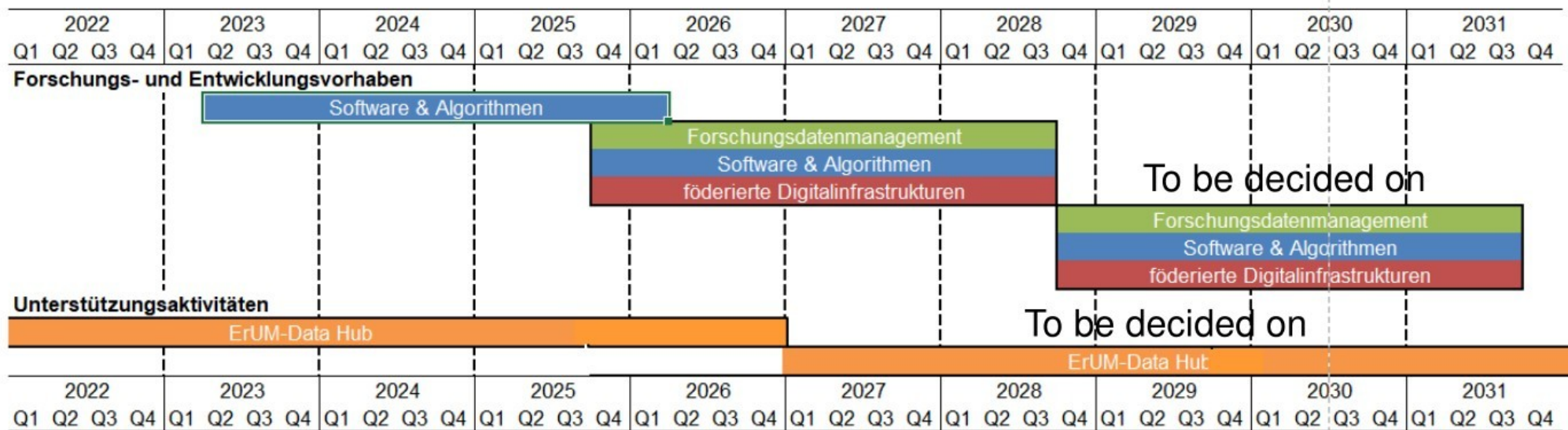


ErUM Data Project and HEP

G. Duckeck

ErUM-Data: Timeframe



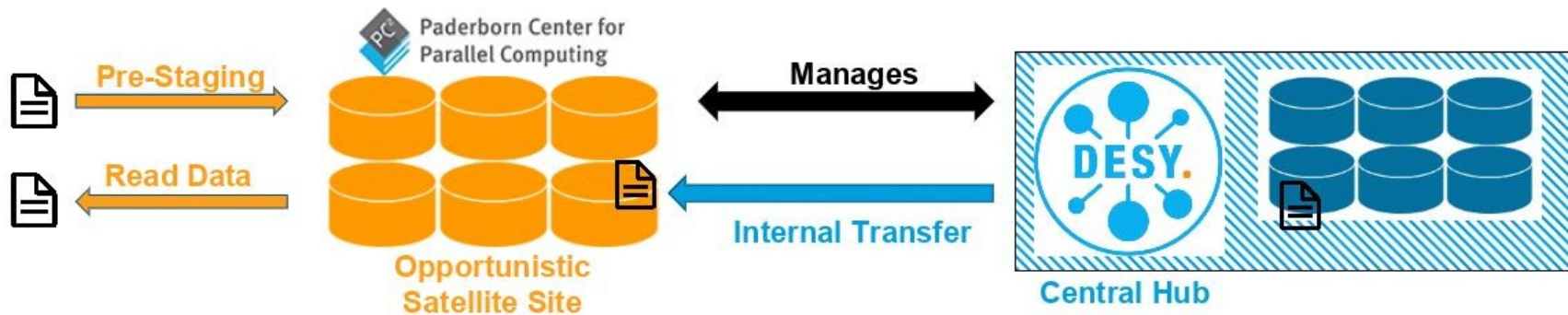
HEP involvement

- Federated Infrastructures
 - FAIRUM: Federated Analysis Infrastructure for ErUM – unfortunately not funded
 - FUSE: Federated Unified Storage Environment -- see next slide
 - SUSFECIT: Sustainable Federated Compute Infrastructures – see MS slides
- Software and Algorithms
 - ??
- Forschungsdaten-Management
 - ??

FUSE

Two major work packages:

- WP1: “Federated Storage with a multi-site common directory structure”
 - basically federated dCache:
 - central services hosted at e.g. Desy
 - storage pools at satellite site
 - enhanced monitoring



- WP2: “Caching Services and Cloud Storage Integration”
 - xcache deployment, monitoring and support
 - S3 frontend for POSIX storage
 - Sync&Share service for data analysis