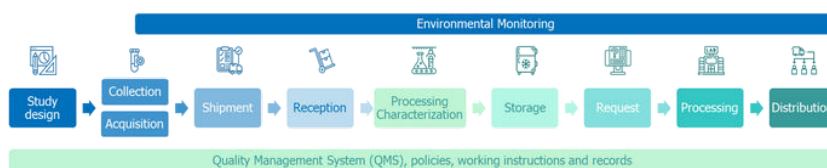


Biobank Digitalization

Improving Operational Efficiency and Securing Compliance

Biobanking encompasses a wide variety of activities.

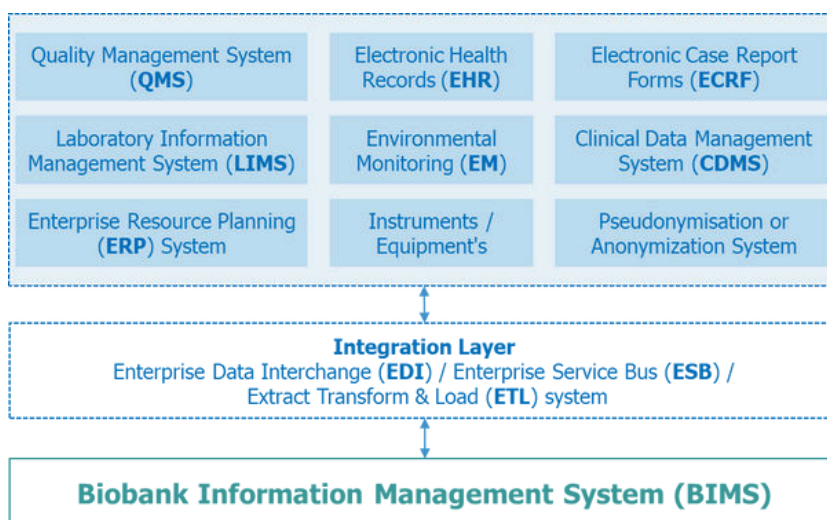


The digitalization of these processes is essential to enable:

- Resource optimization and cost-efficiency
- Data integrity and security
- Compliance (e.g. ISO 20387:2018, ICH GCP, ISO/IRC 17025, EU GDPR) and ethical responsibility
- Research collaboration and FAIR* data sharing

* FAIR (Findability, Accessibility, Interoperability, Reusability)

To support these activities, the biobank IT ecosystem relies on a Biobank Information Management System as a hub to manage sample flows and data. This system may interface/integrate with many other system types supporting specific aspects of the biobanking activities:



Our recent experience in hospitals, pharma companies and other public and private institutions includes:

- Analysis and selection of systems for specimen storage management
- Development of specimen catalogs and request tools for public research
- User requirements for catalog merging of different biobanks
- Operating model definition and IT tools for biosample management
- Requirements gathering, development and implementation of end-to-end system for sample collection, processing, storage and distribution
- Integrated IT system implementation for a multi-site cohort

wega is the service supplier of choice to ensure effective implementation of an integrated biobanking IT landscape.

Leveraging the expertise of wega in

- LIMS,
- Sample management,
- Quality assurance and validation,
- Research and clinical data management,
- Instrument integration and automation
- Biobanking processes

