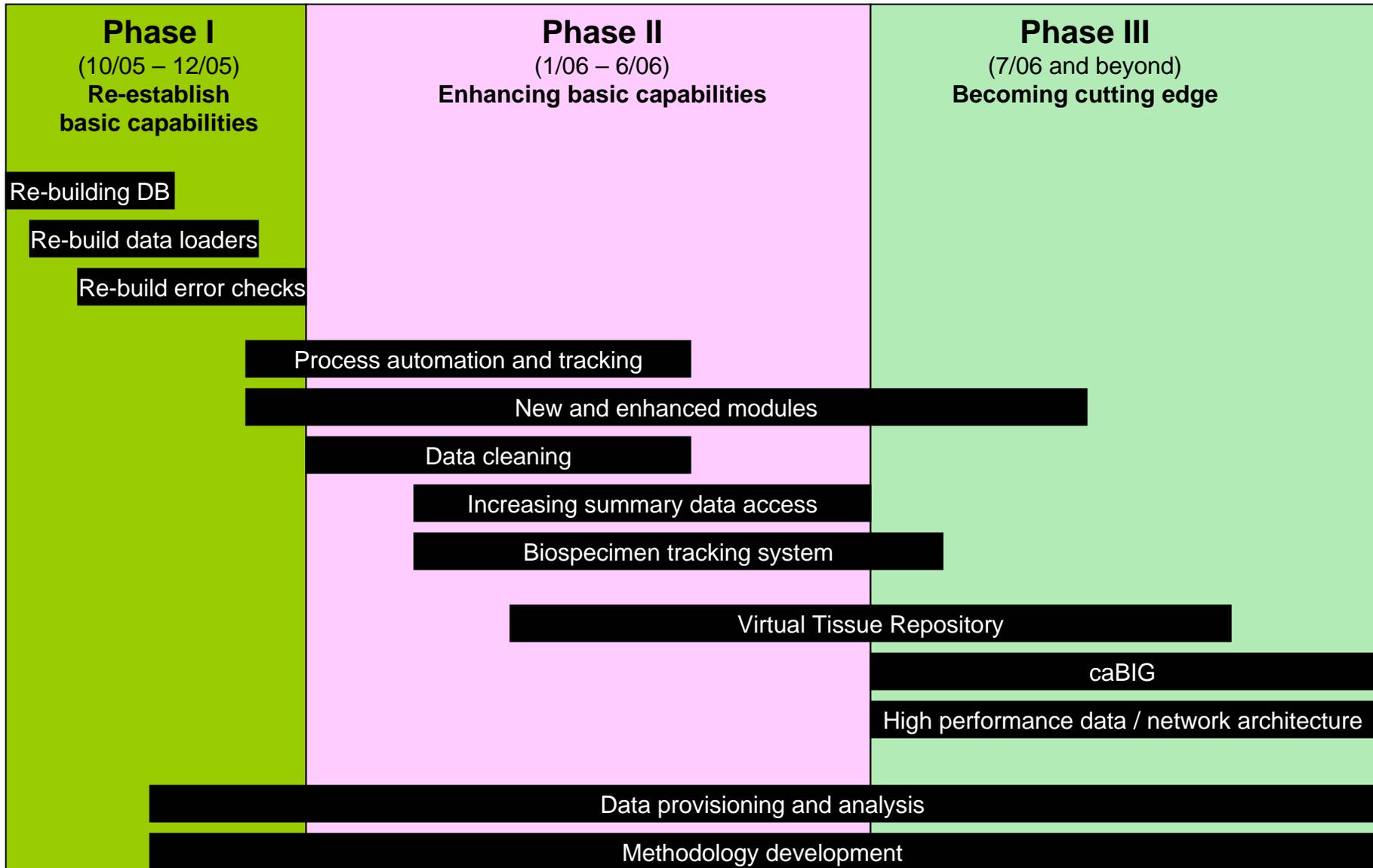


CFR Core Informatics



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Phase I

(10/05 – 12/05)

**Re-establish
basic capabilities**

Phase II

(1/06 – 6/06)

Enhancing basic capabilities

Phase III

(7/06 and beyond)

Becoming cutting edge

Re-building DB

Re-build data loaders

Re-build error checks

Process automation and tracking

New and enhanced modules

Data cleaning

Increasing summary data access

Biospecimen tracking system

Virtual Tissue Repository

caBIG

High performance data / network architecture

Data provisioning and analysis

Methodology development

Data Cleaning

- ❑ Obvious problems (missing values, out of range, multiple records same person, etc.)
- ❑ Problems that surface during preparation of data requests
- ❑ Data definitions across sites

Process Automation and Tracking

Draft Application
and Review



Application and
Review



Data Release



Follow-Up

Increasing Access to Summary Data

- Secure web-based
- Canned reports
- Query builder (i.e. custom tables)
 - Browse / search data dictionary
 - Select variables
 - Set conditions
 - 2- and 3-way tables

Virtual Tissue Repository

- Motivation
 - Logistics of slide shipping
 - Image analysis / overlays
- Images
 - H&E
 - TMA
 - Other stains
- Capabilities
 - Search
 - Zoom & pan
 - Overlays
 - Automatic feature detection
- Technology
 - Web
 - GIS