BIG DATA PLATFORM

HARMONY

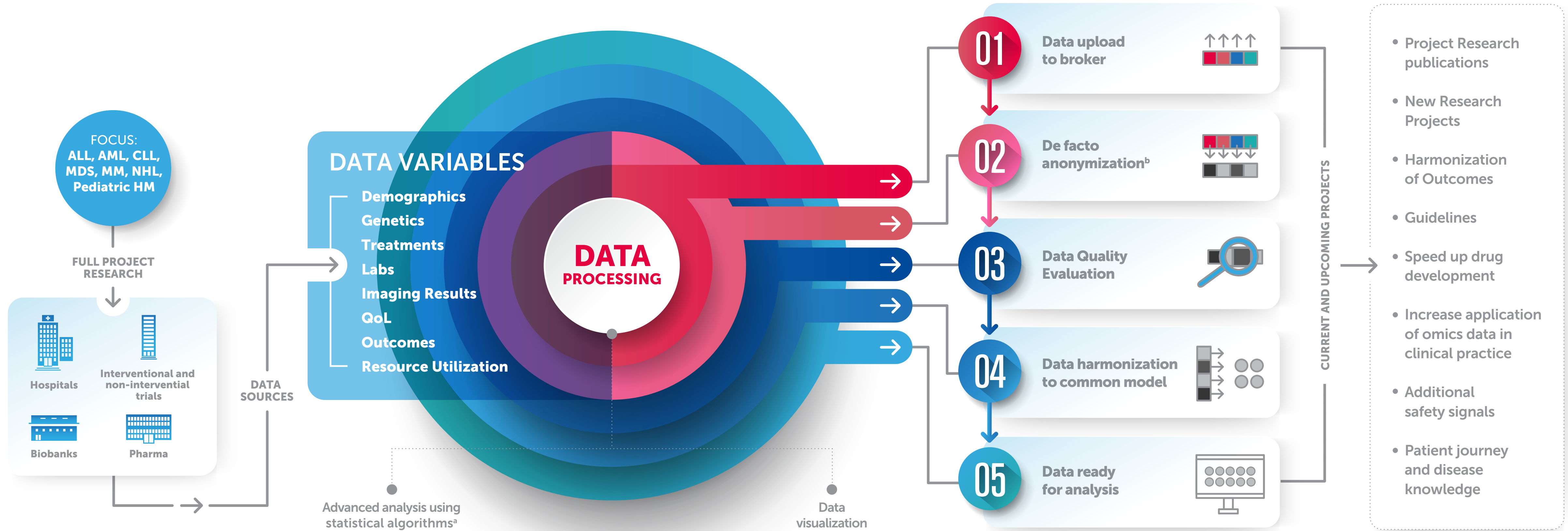## Transforming High Quality Data into meaningful evidence for Blood Cancer:

A powerful and innovative approach to create high volumes of unique data

FOCUS:
ALL, AML, CLL, MDS, MM, NHL, Pediatric HM

FULL PROJECT RESEARCH

Hospitals

Interventional and non-interventional trials

Biobanks

Pharma

DATA SOURCES

DATA VARIABLES

- **Demographics**
- **Genetics**
- **Treatments**
- **Labs**
- **Imaging Results**
- **QoL**
- **Outcomes**
- **Resource Utilization**

DATA PROCESSING

Advanced analysis using statistical algorithms[a]

Data visualization

01 Data upload to broker

02 De facto anonymization[b]

03 Data Quality Evaluation

04 Data harmonization to common model

05 Data ready for analysis

CURRENT AND UPCOMING PROJECTS

- Project Research publications
- New Research Projects
- Harmonization of Outcomes
- Guidelines
- Speed up drug development
- Increase application of omics data in clinical practice
- Additional safety signals
- Patient journey and disease knowledge

a Only data essential to the analysis are accessible
(to a limited group of users during a specific time span)

b Data anonymization process is ISO 27001 certified

DATA PROVIDERS
Partners and Associated Members

**HARMONY
BIG DATA PLATFORM**

**BIG DATA PLATFORM
ANALYTICS**

**CURRENT AND
UPCOMING PROJECTS**