The EFABIS Network

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Institut für Tierzucht, FAL, Mariensee

FAL

Outline

1. some history

2. the network

3. what a network can do

4. management support through the network

A little History

1. EAAP – DAD-IS

2. Vienna meeting 1997

3. One reporting channel EAAP->DAD-IS

4. big problem: never really worked

5. then EFABIS

Requirements

From the "Expected Achievements"

- "transform the EAAP database into a europe-wide information system that support the management of genetic resources at all levels with an easy exchange of information between them, the added possibility to modify the system locally and built-in routines for error checking, data validation and security"

- "The current system will be put under OSM within 24 months"

- "...will allow the incorporation of European specificities"

- "..ensure easy data transfer to DAD-IS"

Requirements cont.

- "National databases will be created using the same core structure, and existing databases will be integrated into the general data stream"

- "..help create national databases ... where they do not exist; ... include them in an .. integrated network on the basis of OSM in close collaboration with FAO"
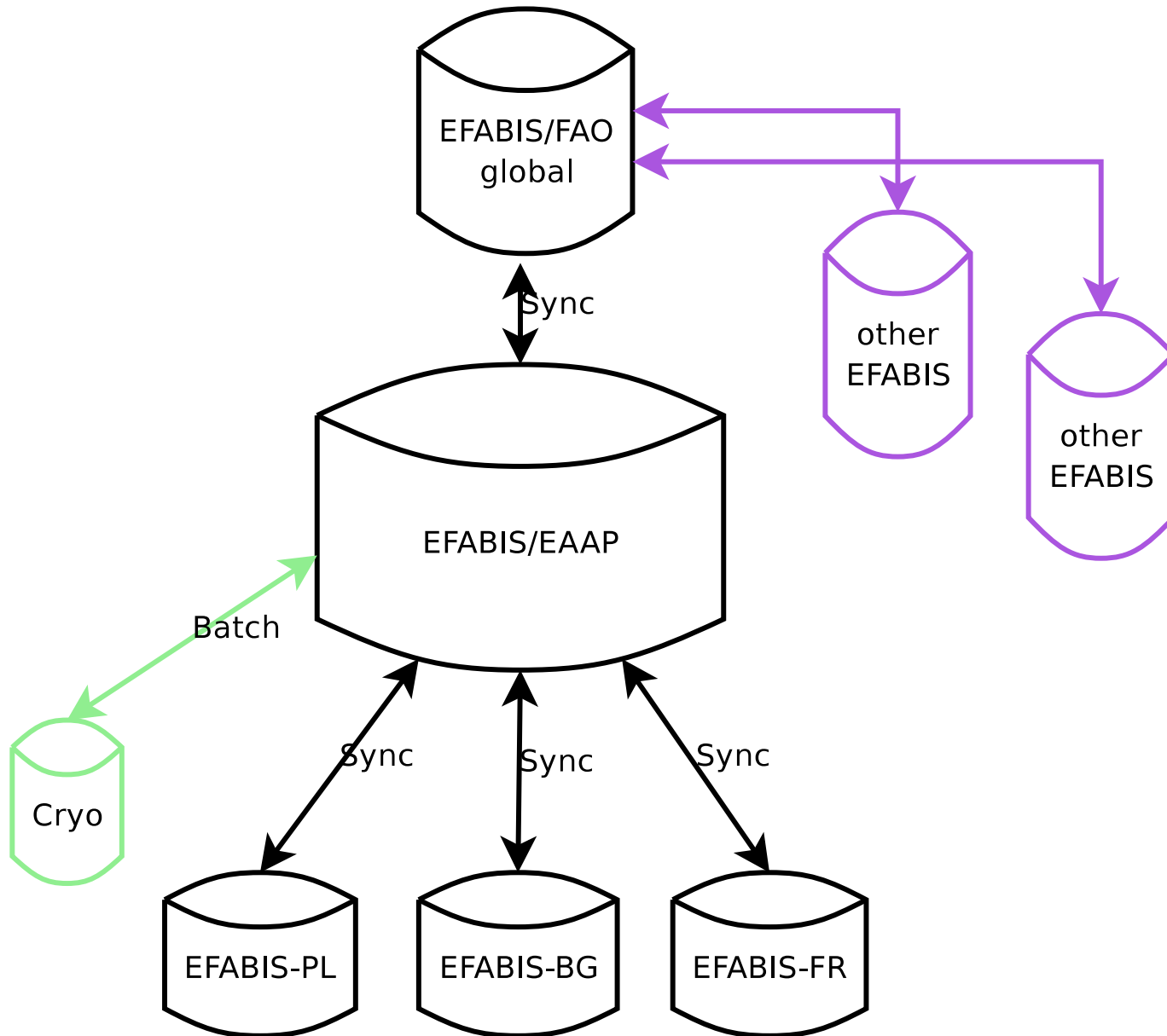
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EFABIS-EAAP

- Data from EAAP and FAO (for EU)

- EU specificities – cryo, rabbit

- people enter data here via the web

- synchronization with FAO

- synchronization with national EFABIS databases

EFABIS-FAO

1. sum of EU and world FAO data

2. procedure for adding new data

3. migration strategy DAD-IS -> EFABIS-FAO
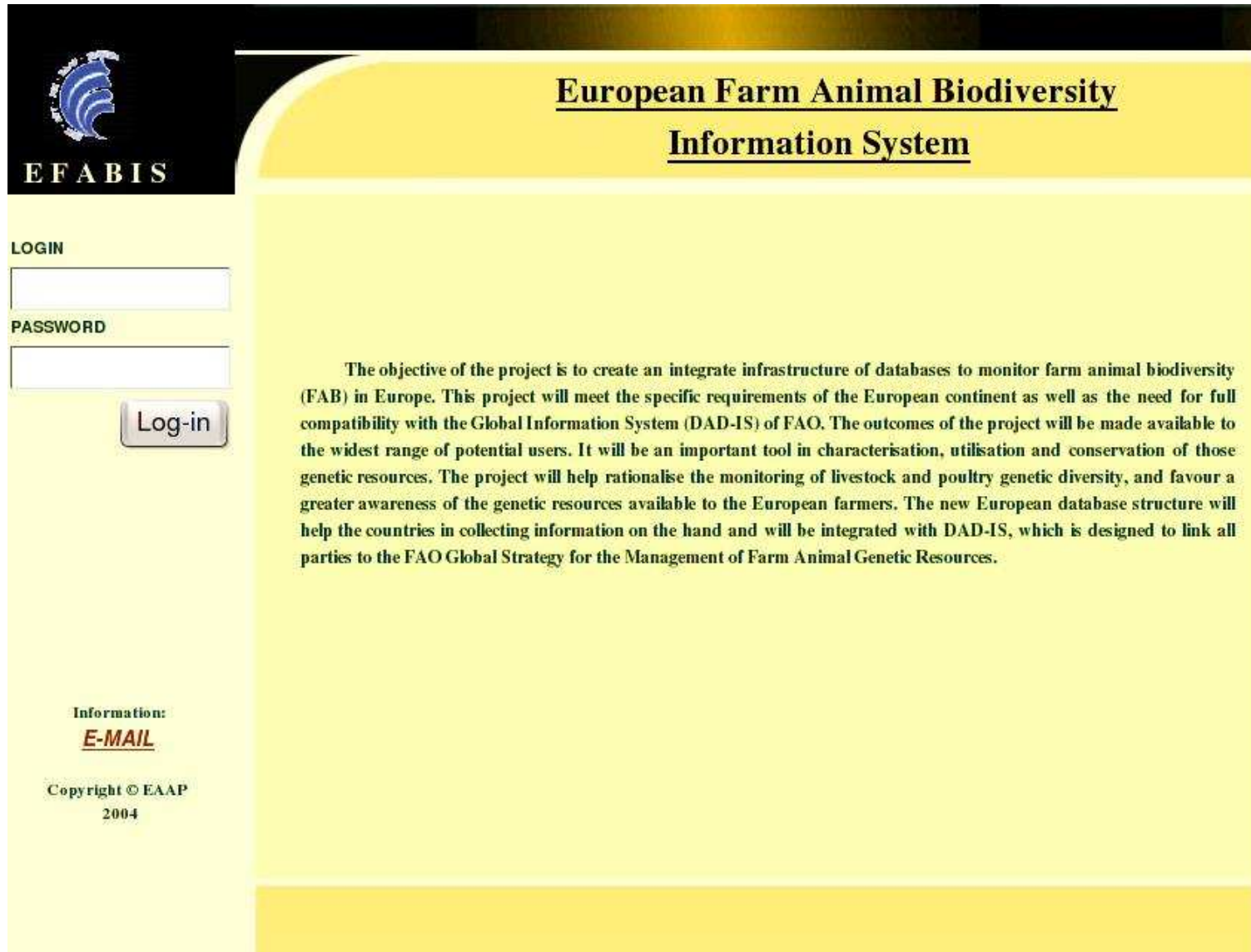
The Network

EFABIS Data Entry

- all use the WEB browser

- options:

  - www.efabis-eaap.org
  - (www.efabis-fao.org)
  - www.efabis-pl.org
  - www.efabis-fr.org
  - www.efabis-bg.org

EFABIS Databases

European Farm Animal Biodiversity
Information System

LOGIN

PASSWORD

Log-in

The objective of the project is to create an integrate infrastructure of databases to monitor farm animal biodiversity (FAB) in Europe. This project will meet the specific requirements of the European continent as well as the need for full compatibility with the Global Information System (DAD-IS) of FAO. The outcomes of the project will be made available to the widest range of potential users. It will be an important tool in characterisation, utilisation and conservation of those genetic resources. The project will help rationalise the monitoring of livestock and poultry genetic diversity, and favour a greater awareness of the genetic resources available to the European farmers. The new European database structure will help the countries in collecting information on the hand and will be integrated with DAD-IS, which is designed to link all parties to the FAO Global Strategy for the Management of Farm Animal Genetic Resources.

Information:
E-MAIL
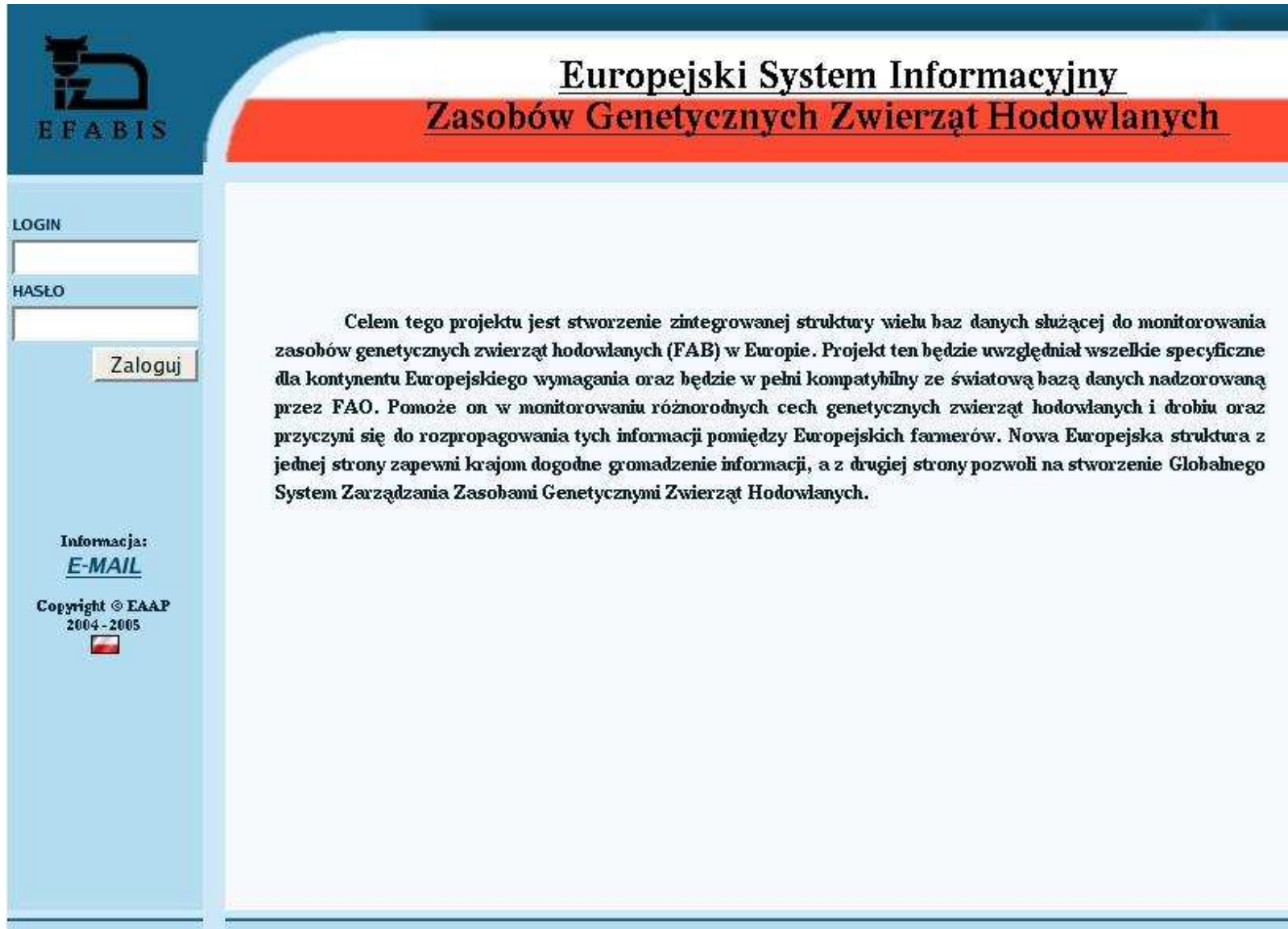
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EFABIS Databases

EFABIS Databases

EFABIS Databases

EFABIS Database options for NC

1. use EFABIS-EAAP directly

2. (use EFABIS-FAO directly)

3. create national database as copy of EFABIS-EAAP with

   - national interface
   - national content (french breed descriptions, codes etc)
   - other national content
   - exchange public english data through synchronization with EFABIS-EAAP

4. create NDB with modifications –> use EFABIS-PL as model (own webserver)
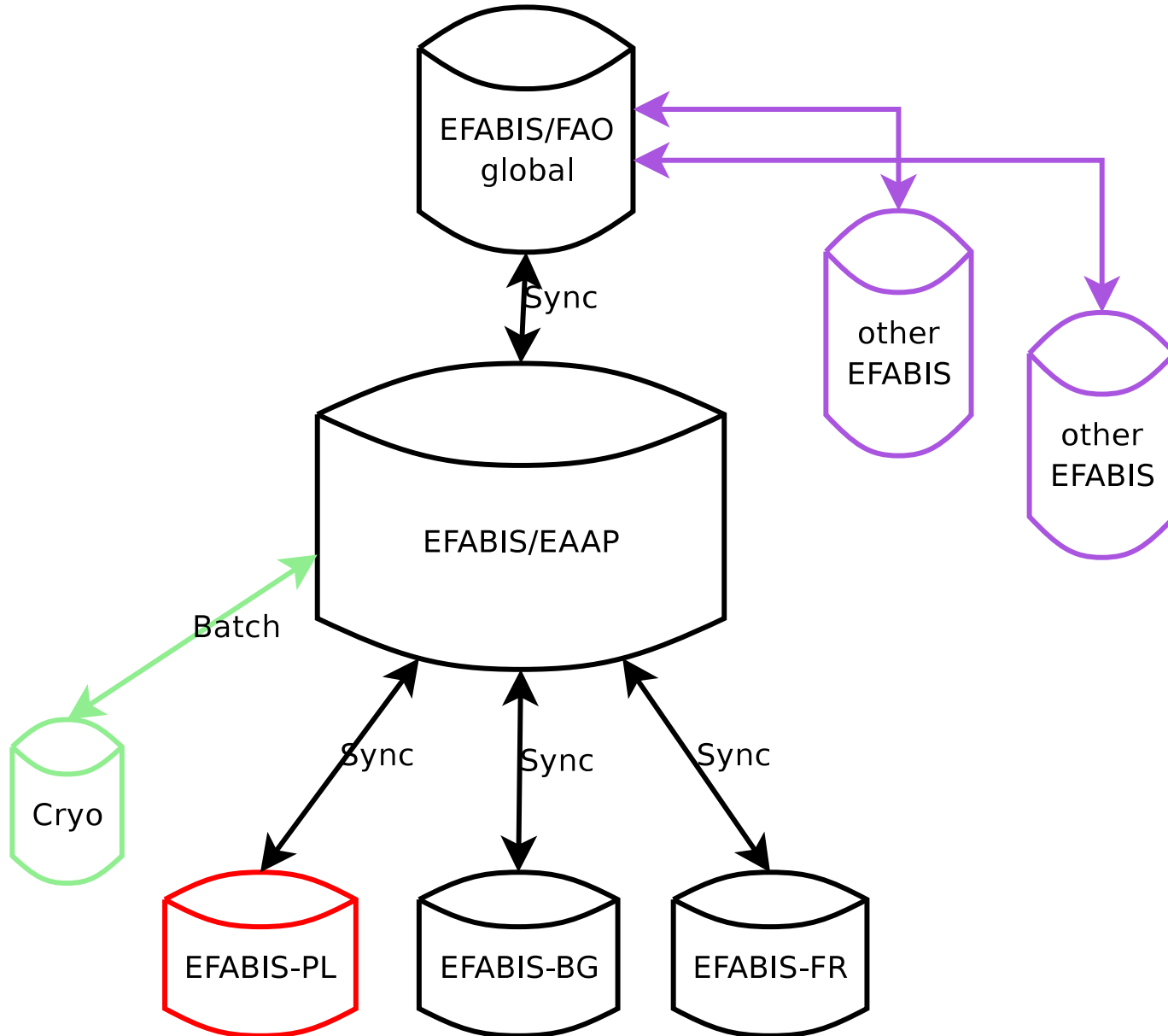
5. NDB: own web server <—> use EFABIS-EAAP
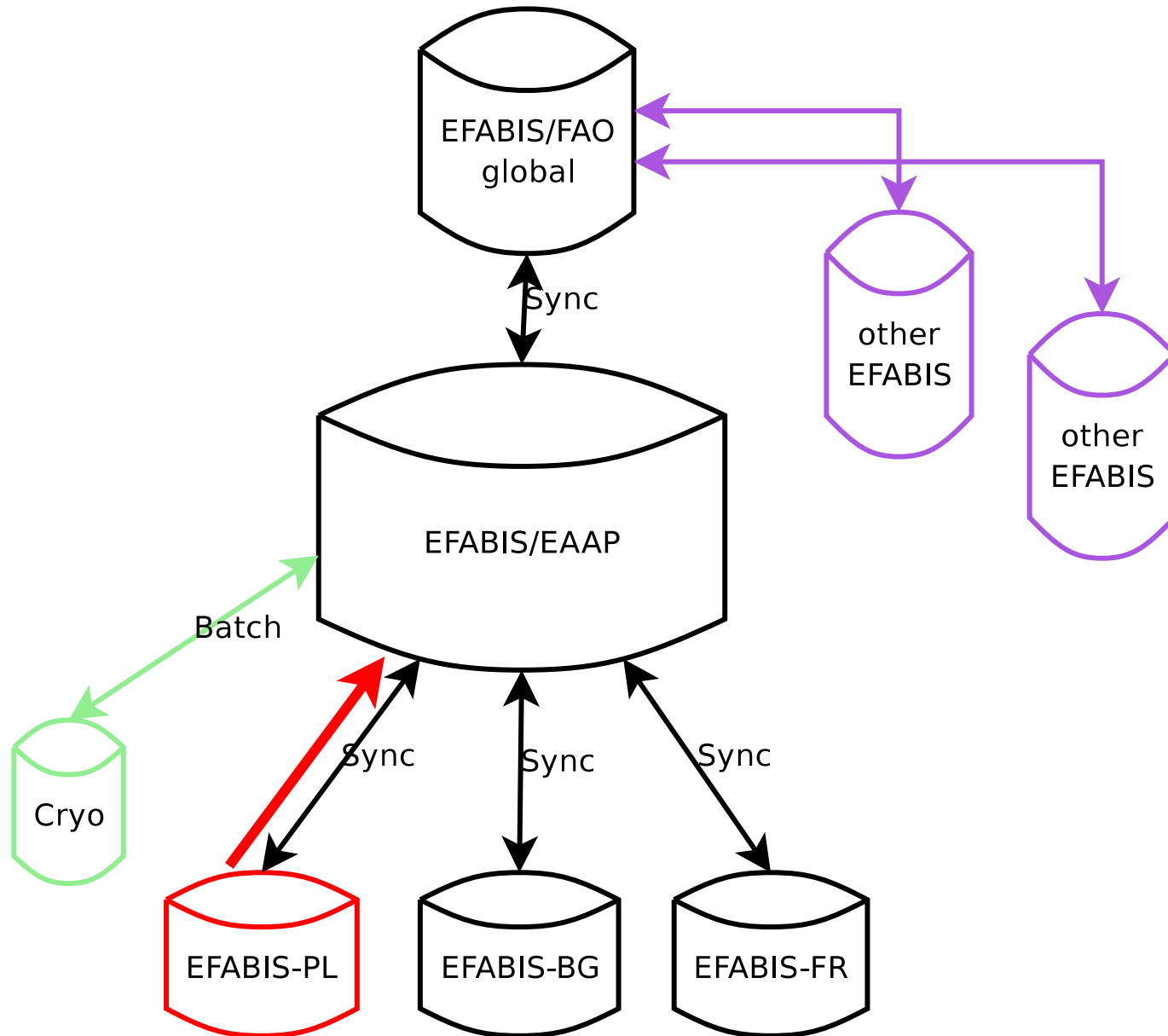
The Network - again
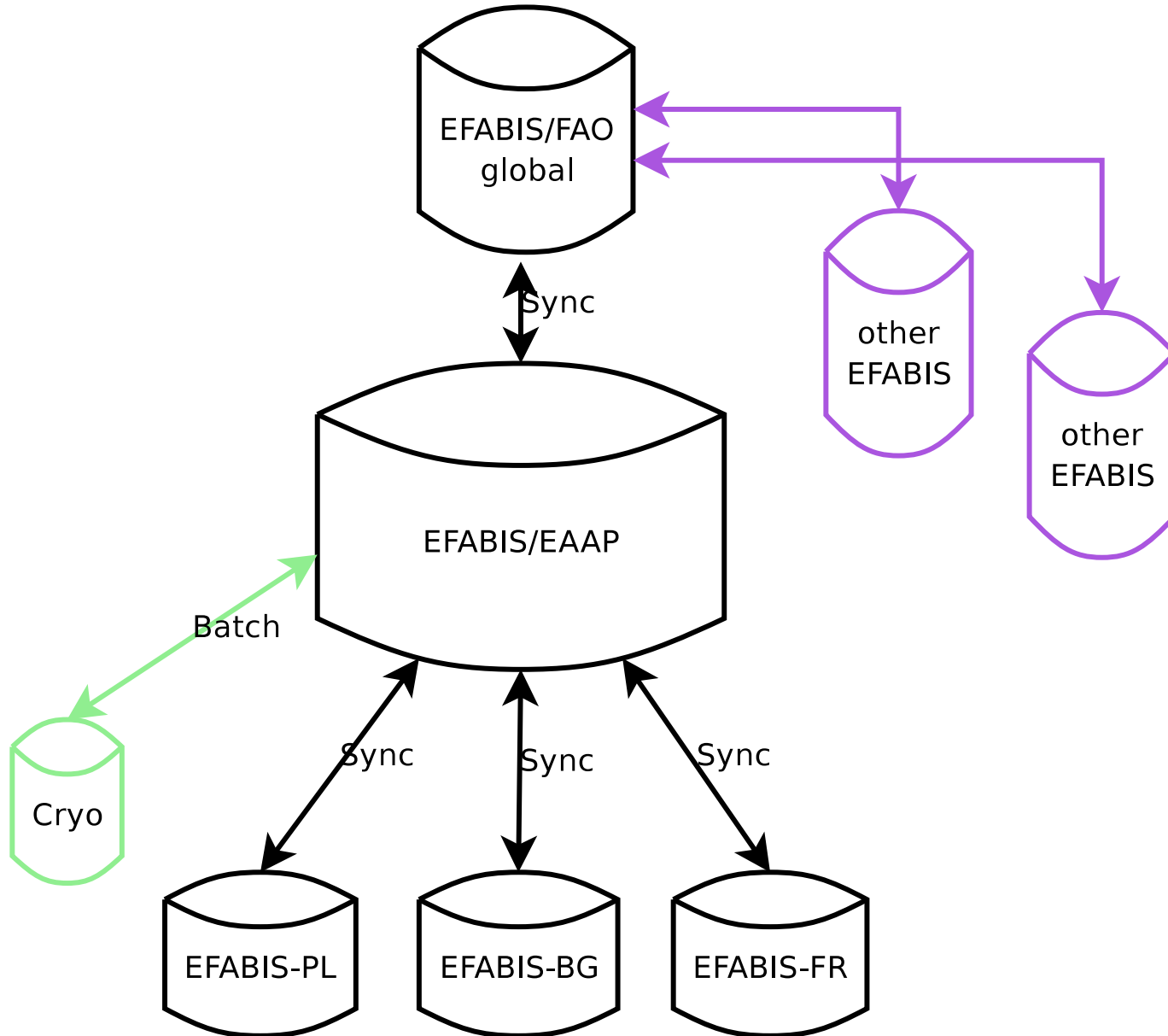
Operations for NCs

- all use the WEB browser

- NC is responsible for data entry

- NC can only enter data in one location

- Only NC can modify OWN data

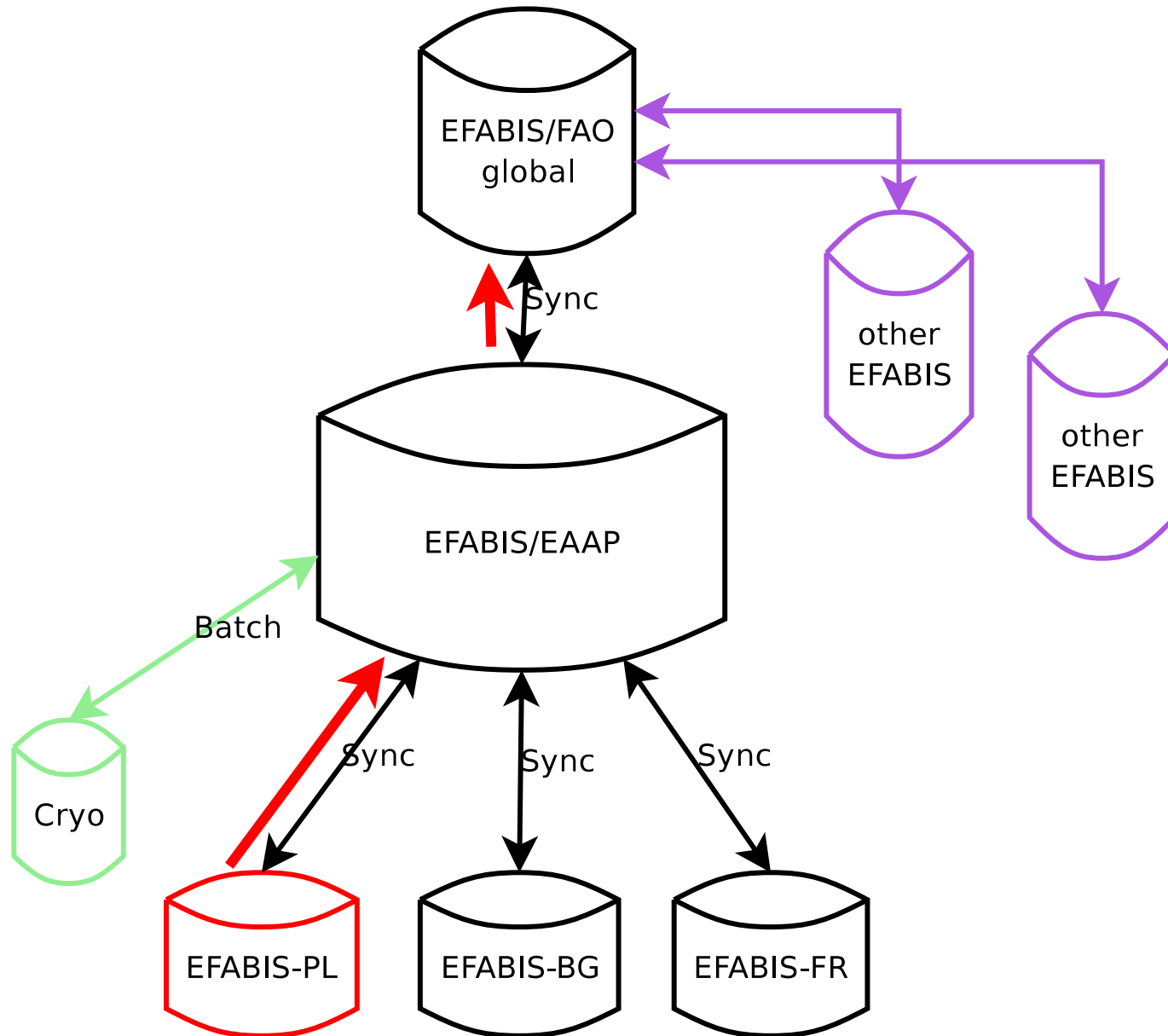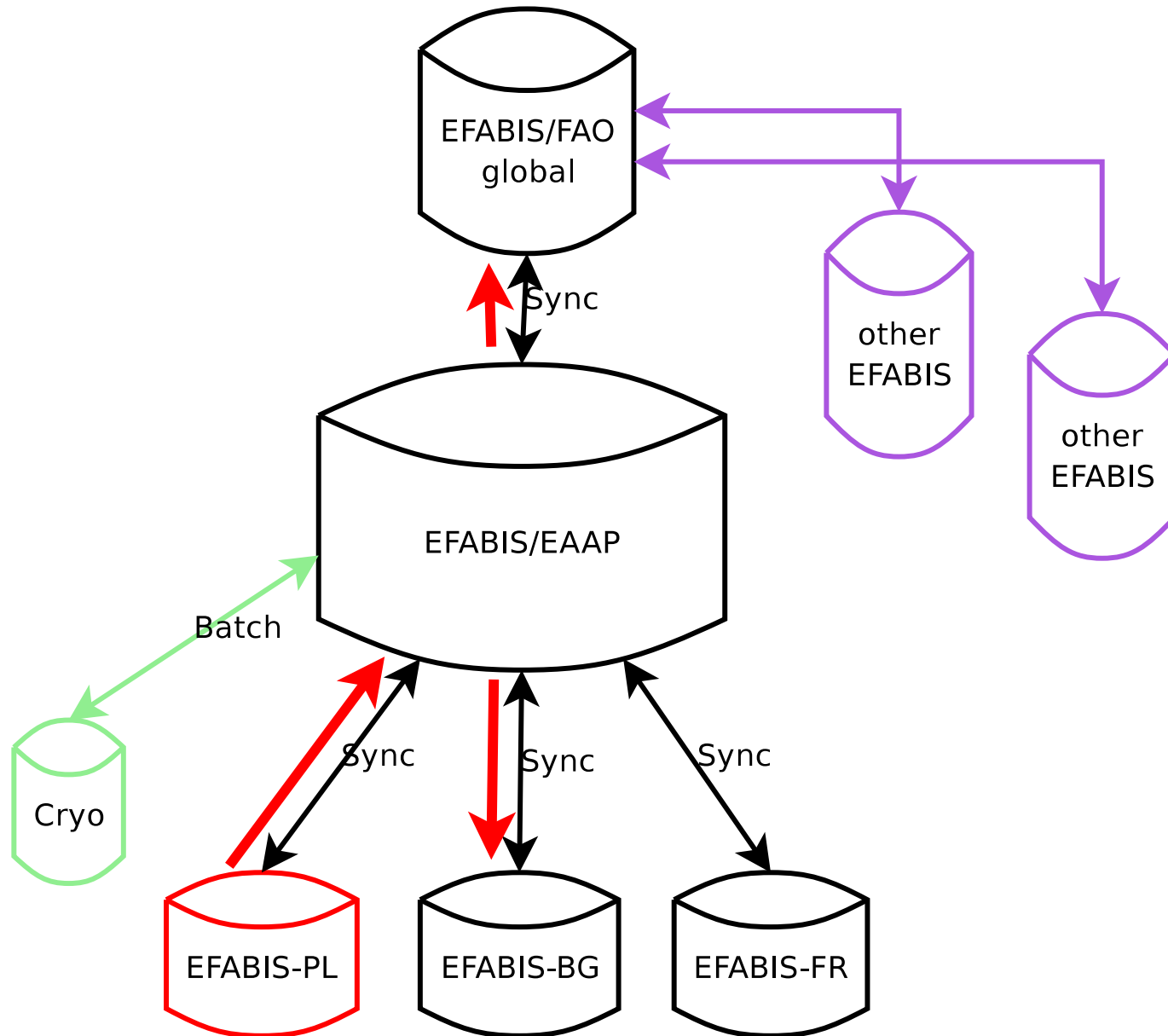- NC does NOT need to worry about data exchange
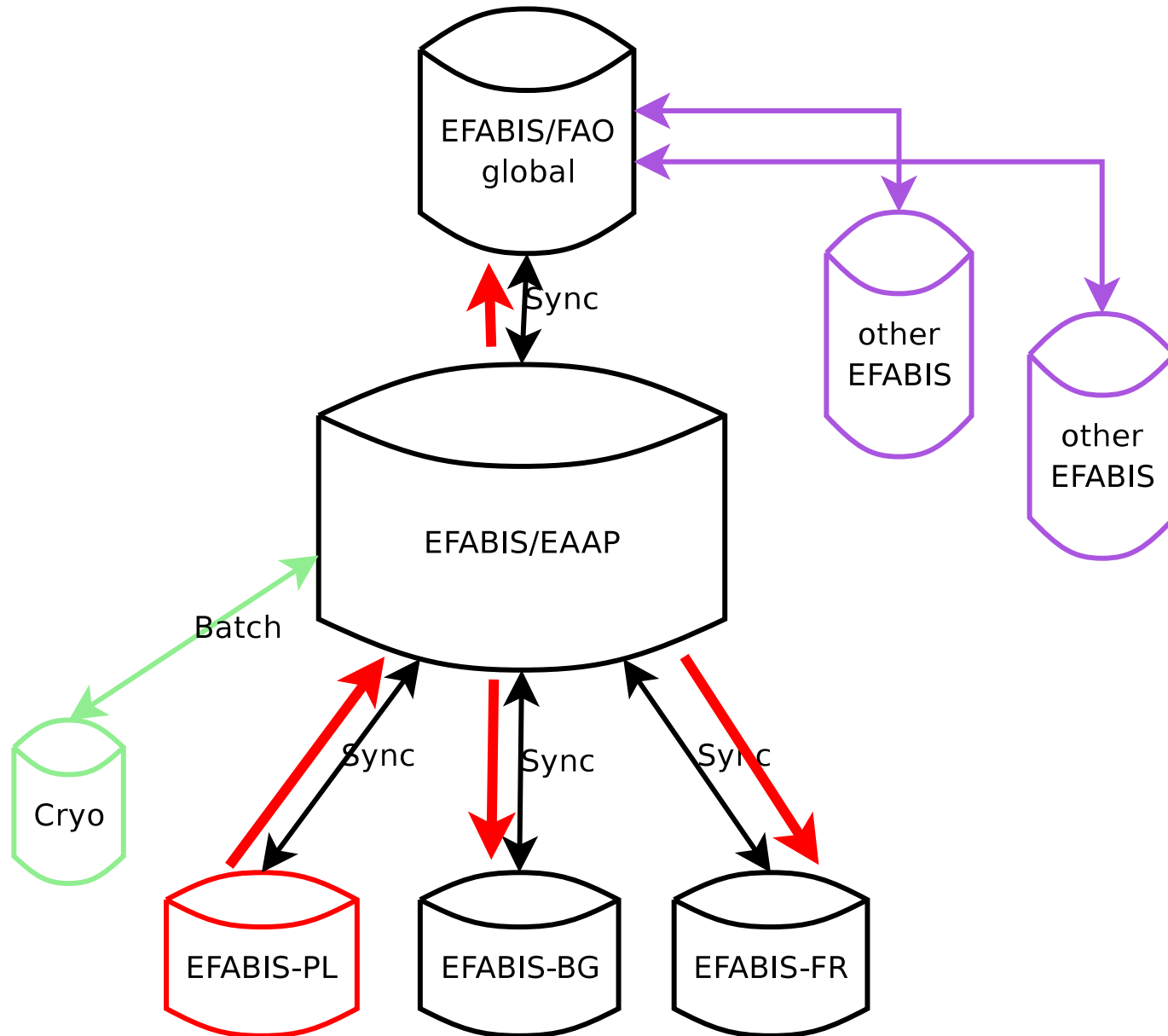
Operations – data entry

Operations – sync with EAAP

Operations – sync with FAO
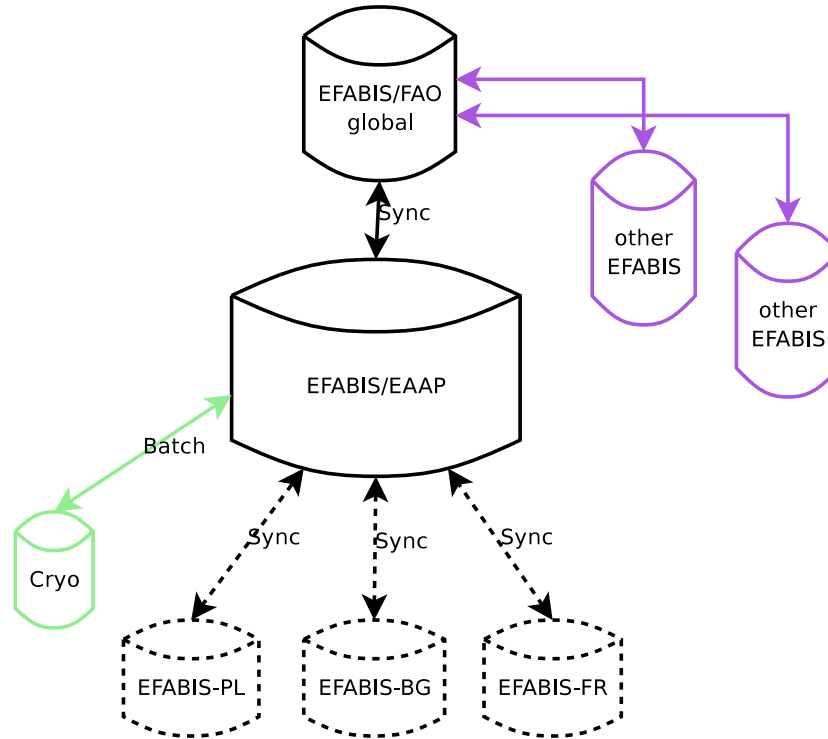
Operations – sync with EFABIS-BG
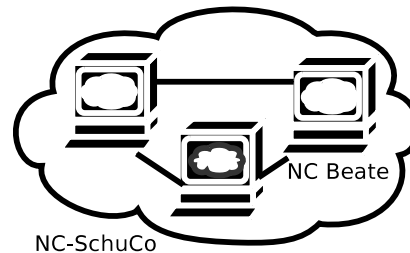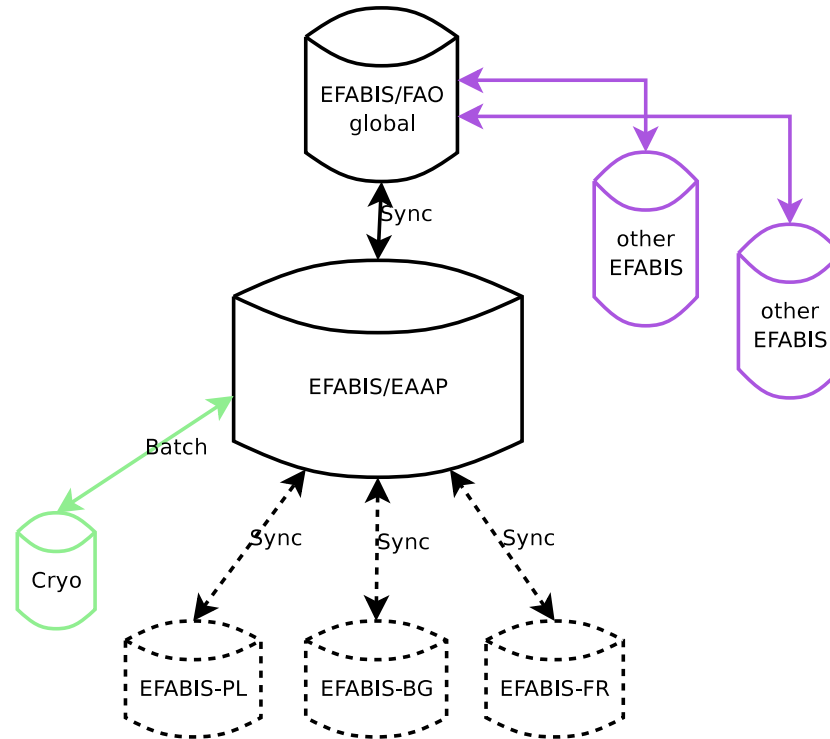
Operations – sync with EFABIS-FR

Networks require management

- nodes: computers, identifications

- need to use common set of codes

- Web connection as server

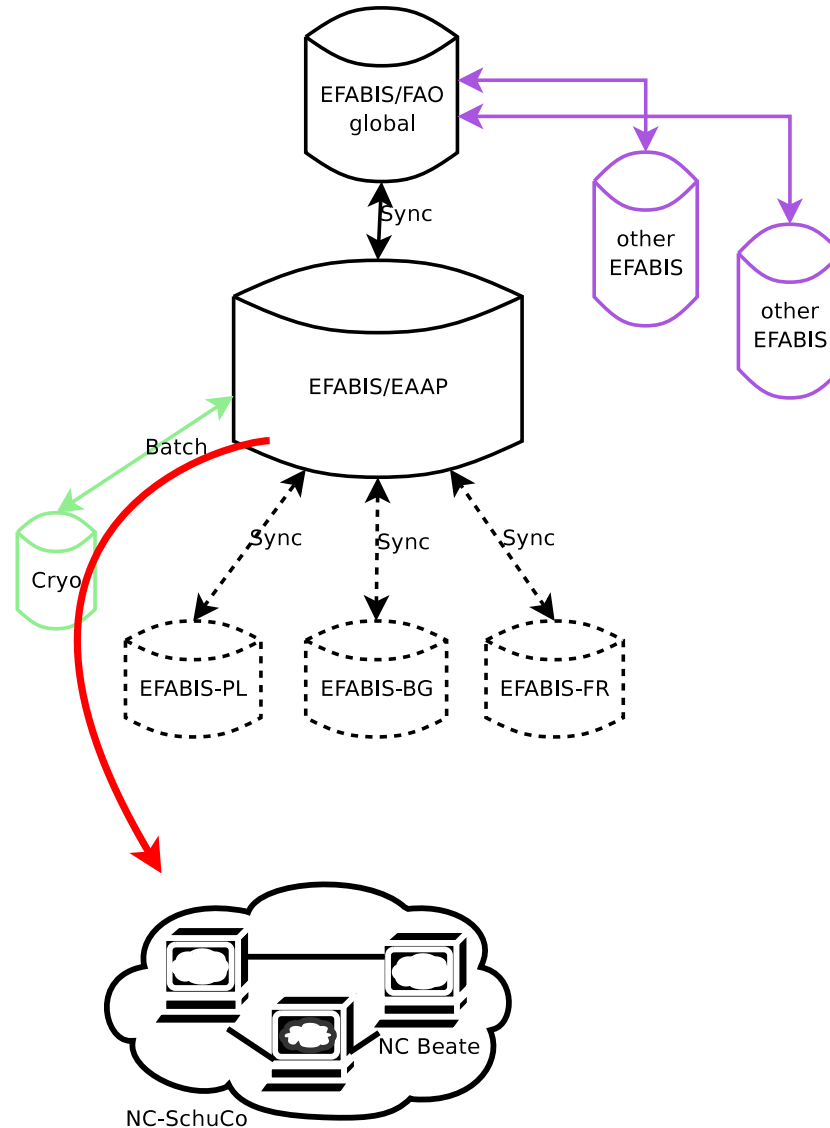- has to be an agreement among network participants
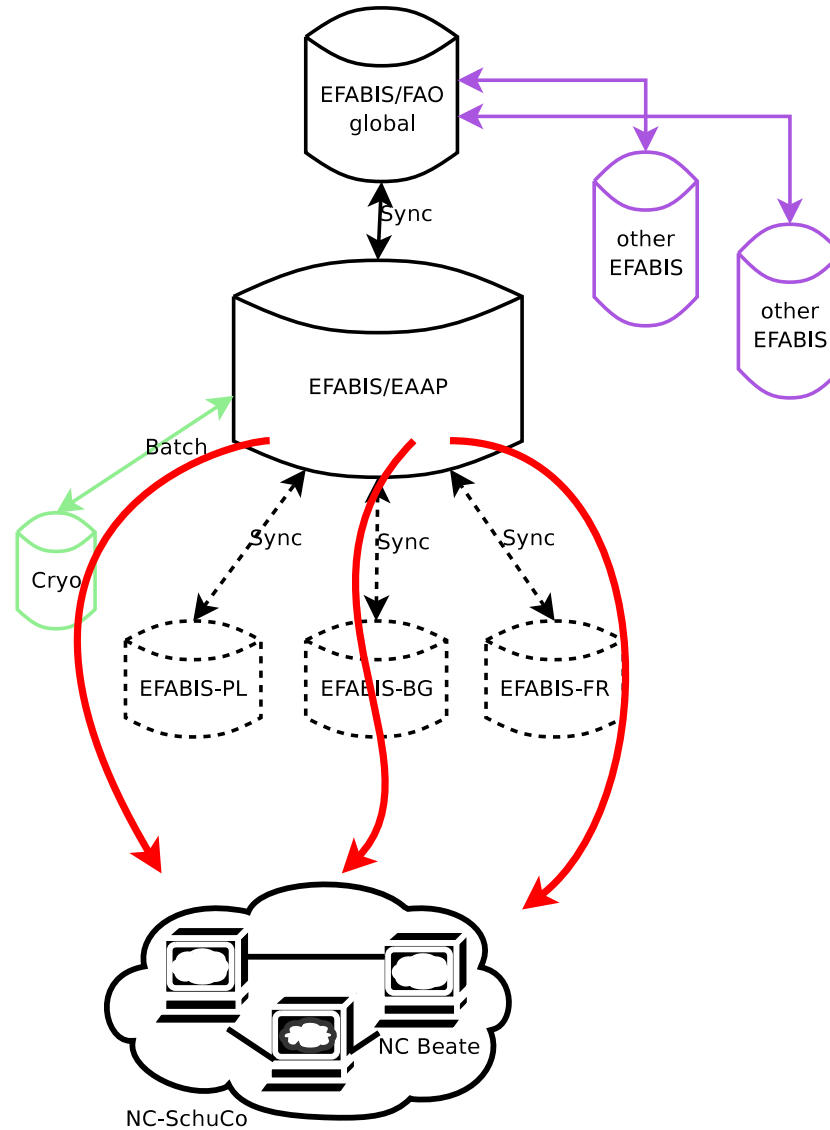
EFABIS management support to NCs
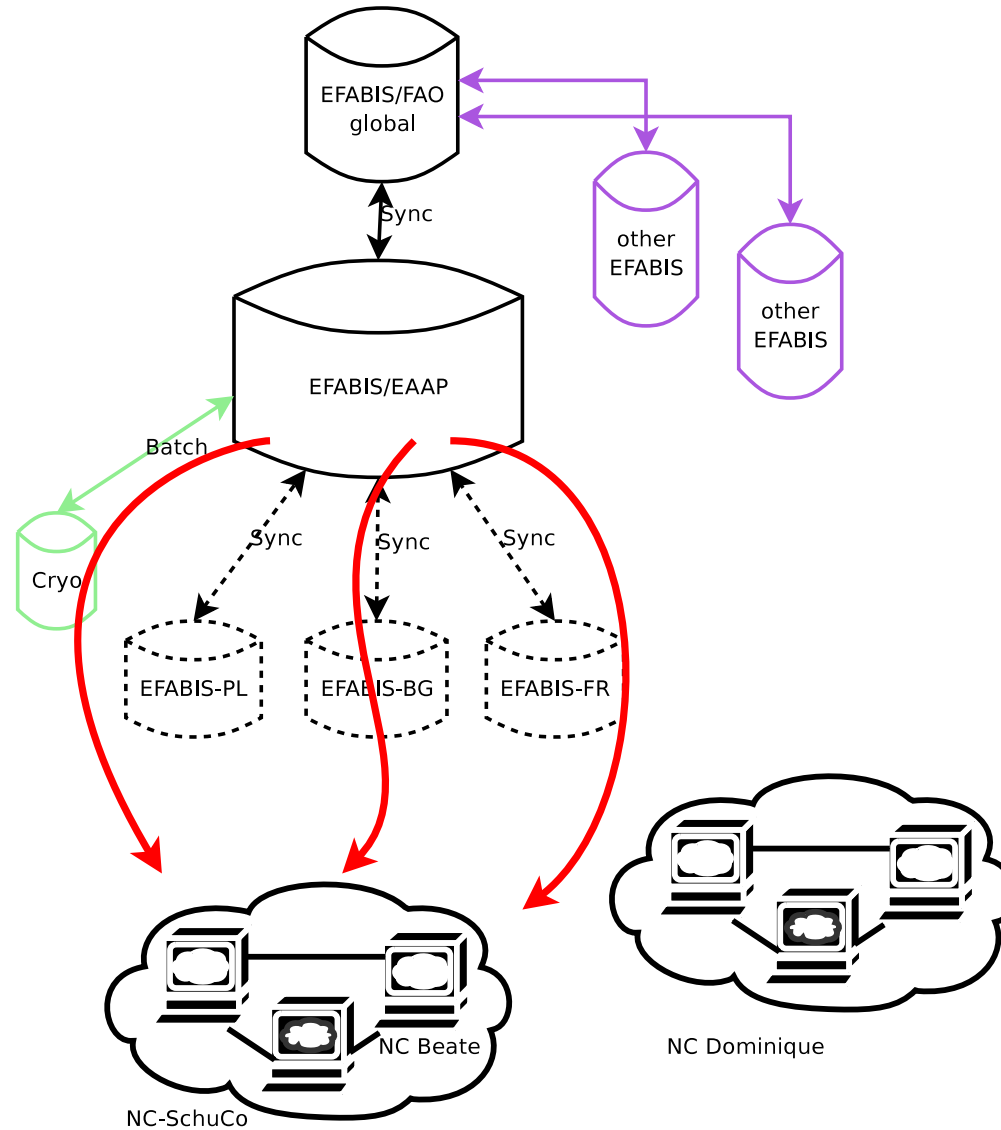
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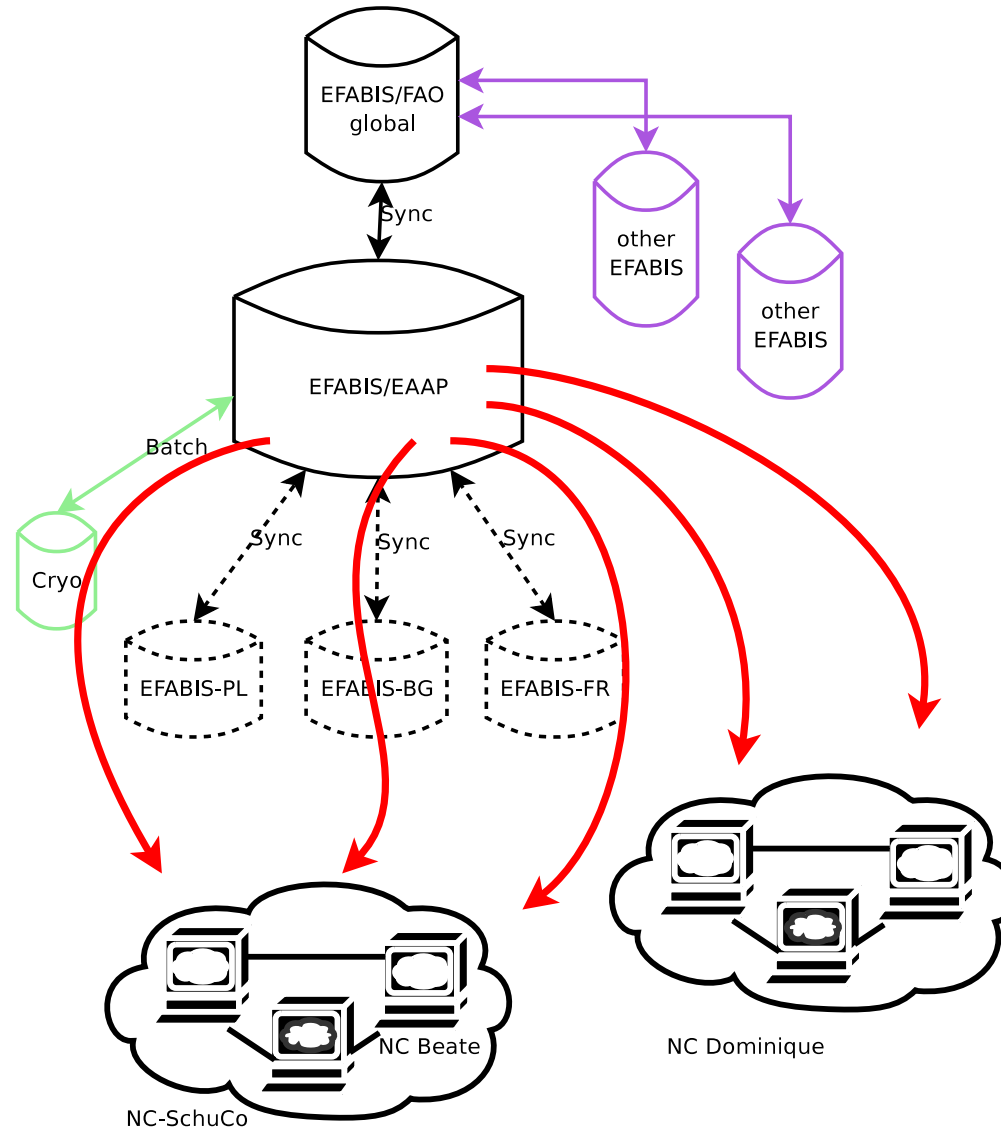
EFABIS management support to NCs

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EFABIS management support to NCs

Summing Up

- Operational network from country over EAAP to FAO

- Data entry only once

- automatic exchange of public data among levels

- operational country databases

- management support for NC from EAAP level

- NC does NOT need to worry about data exchange

- later in the afternoon:

  - options for NCs
  - management support