



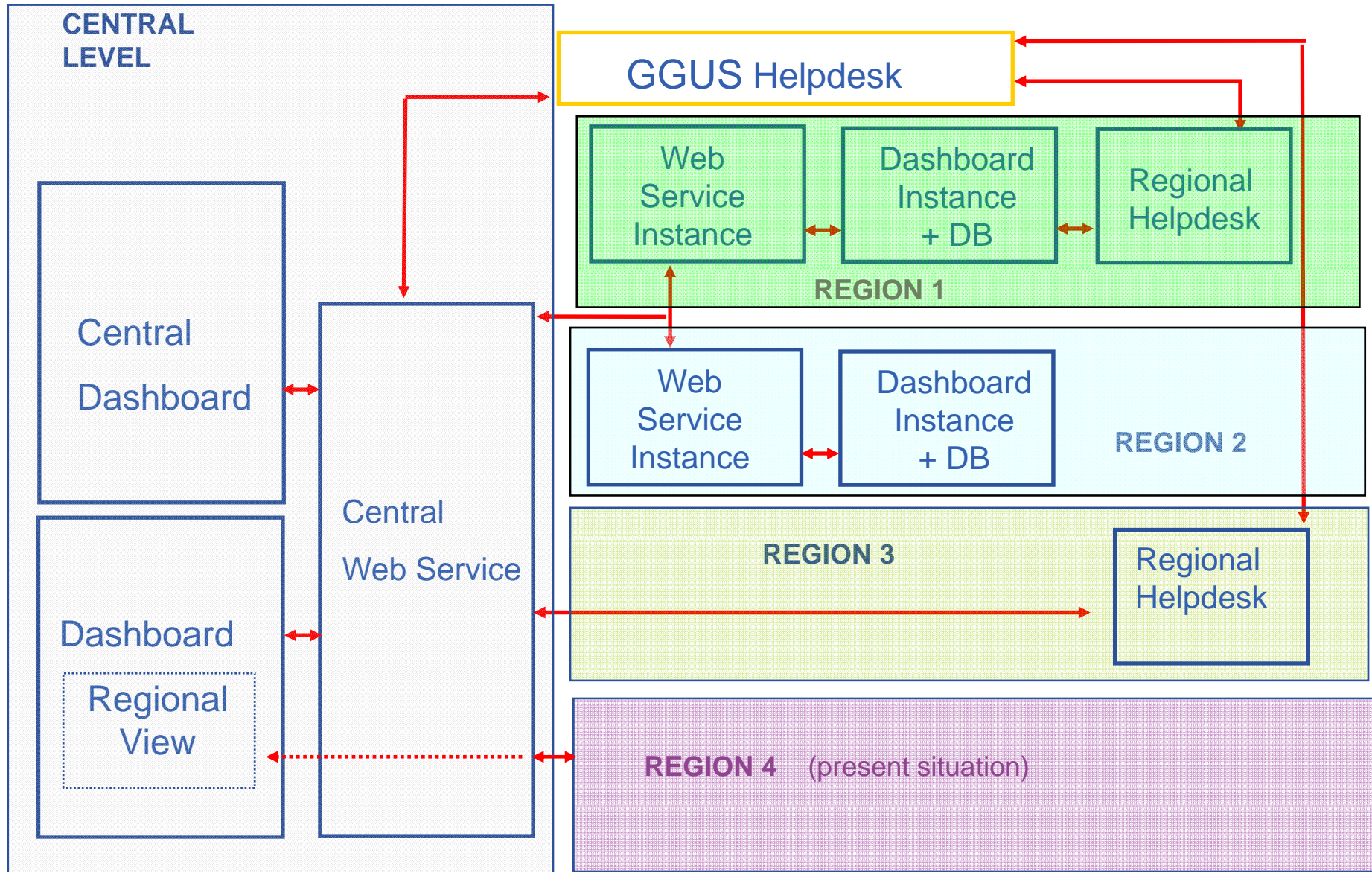
Enabling Grids for E-scienceE

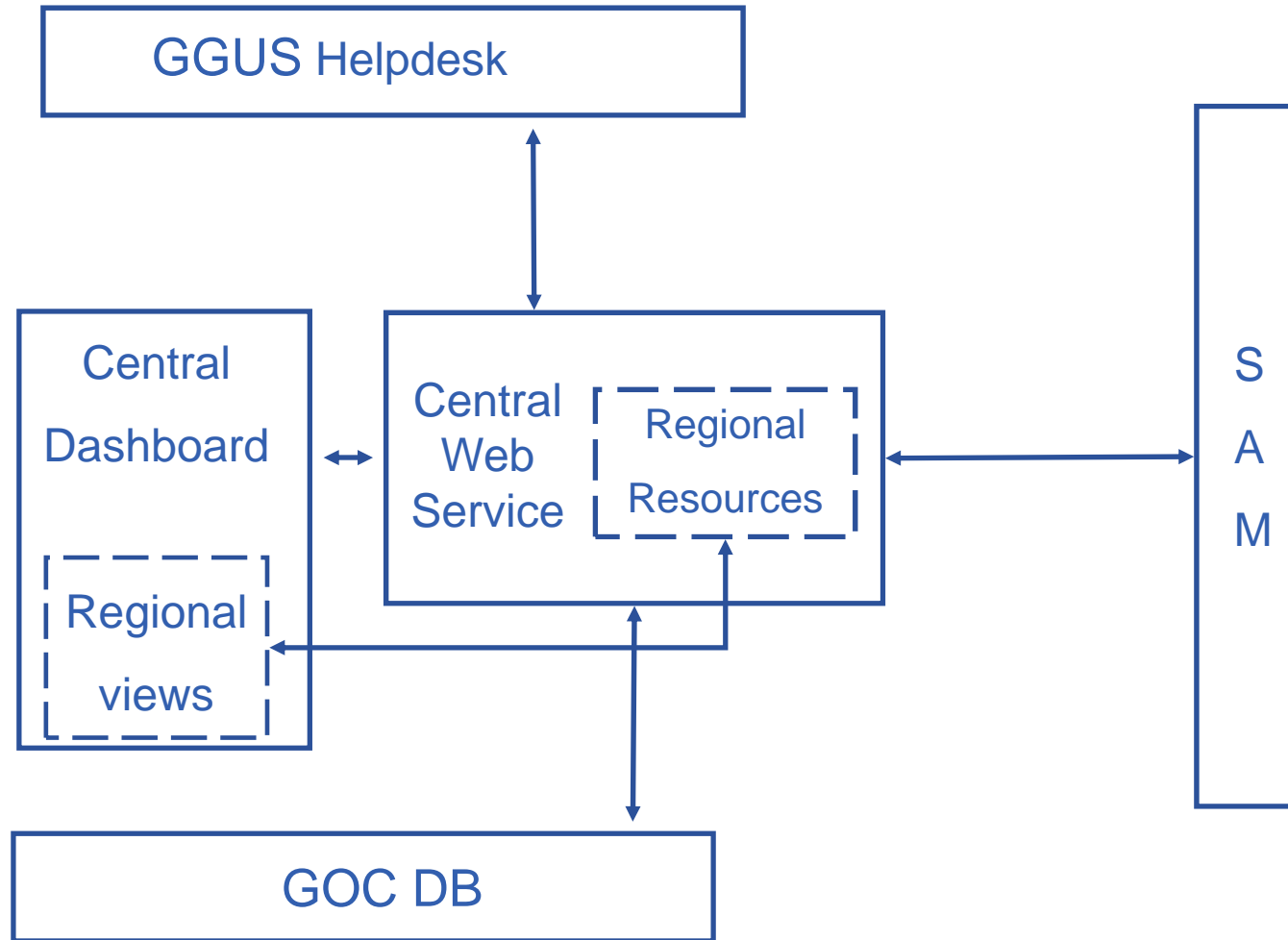
# Regional Operations Dashboard Workplan

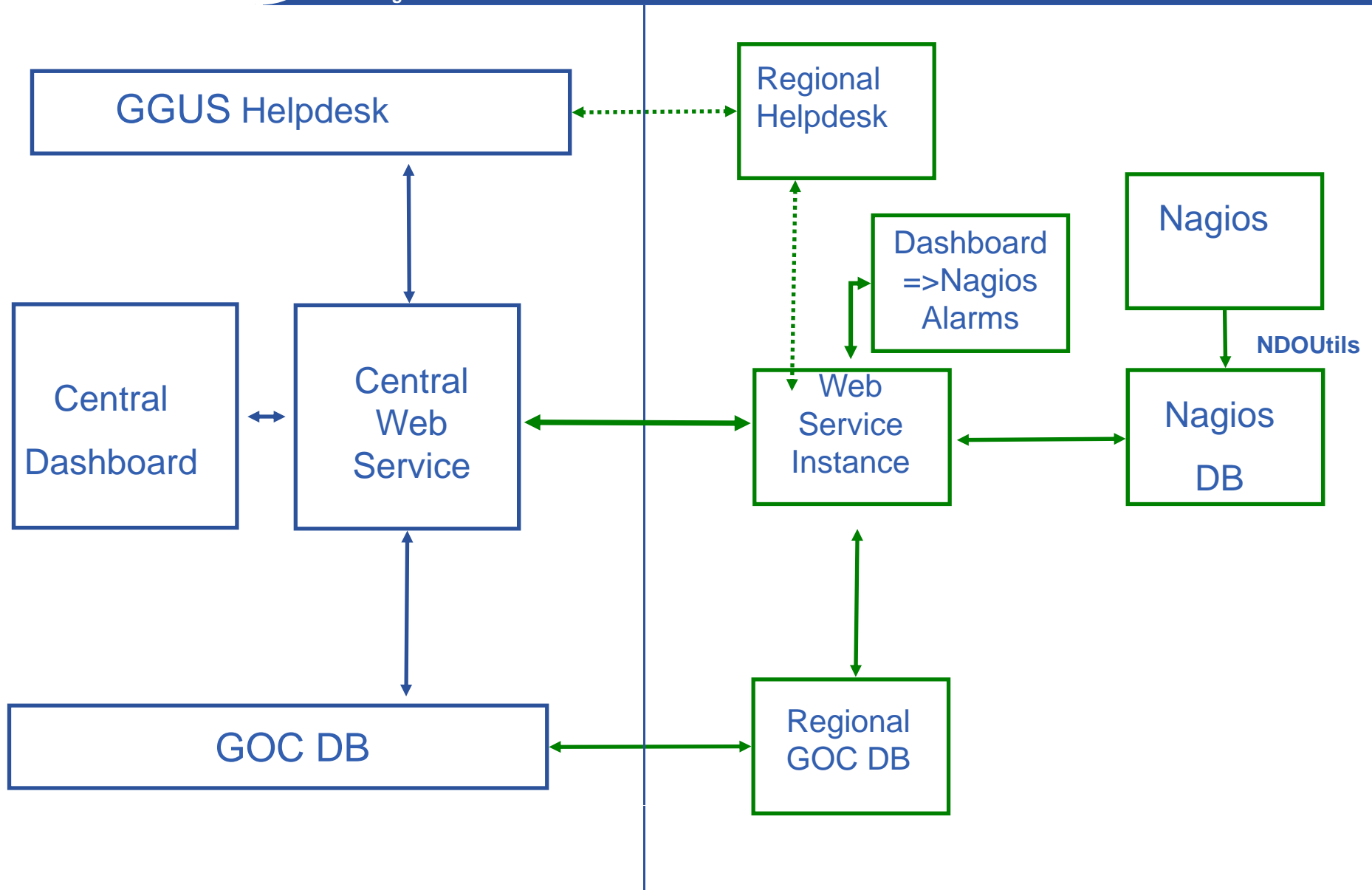
*Cyril L'Orphelin - CNRS/IN2P3*

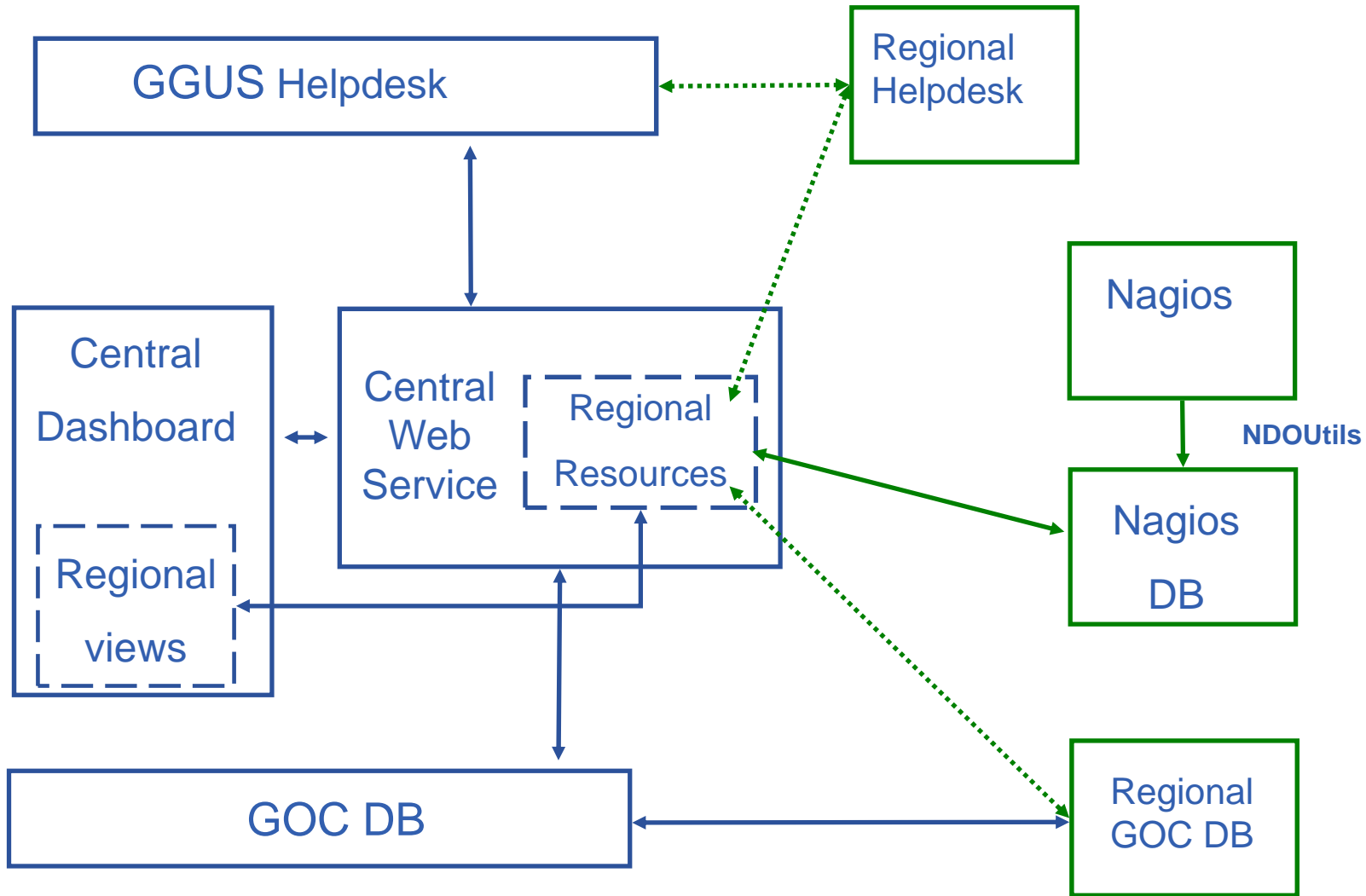
[www.eu-egee.org](http://www.eu-egee.org)

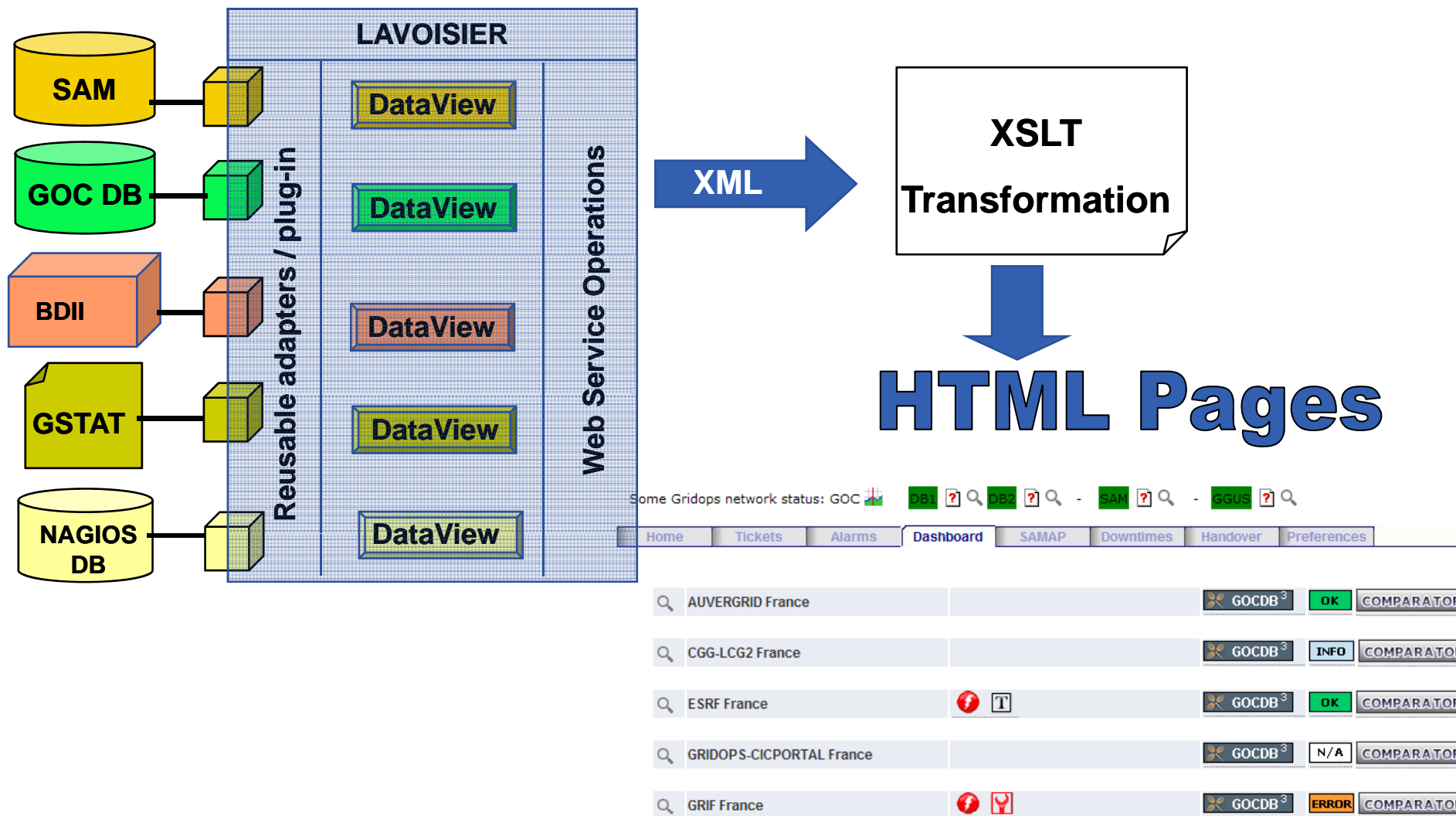












- **This work will be essentially a reengineering work.**
- **We will transform the dashboard into a package, easy deployable on a machine.**
- **The work will be done on several parts:**
  - the php files : we need to be as independent as possible from external libraries
  - the web service Lavoisier: we need to deliver a complete package of Lavoisier including the jar files (for the plug-in) , a global configuration file, the configuration files to exploit resources . We will provide standard plug-ins but it will be easy to add new ones .
  - the database component : this component is suppose to be deployed with Nagios

- **These evolutions are essentially based on the integration of all resources into our Web Service Lavoisier.**
- **It means that a important work will based on Lavoisier:**
  - Regionalization of resources
  - Isolation of resources .
  - Integration of GOC DB info ( to replace direct SQL queries) .
  - > This work will be done before July 2009 .
- **This instance of dashboard will also be developed apart from the portal to ease the deployment in Region.**
  - > This work will start in March
- **We will propose a dashboard working only with the Database provided in Nagios by NdoUtils , and with Lavoisier.**
  - > This work will start in parallel with the previous ones .



- **Until Nagios is not deployed everywhere we have to continue with the Regional dashboard based on SAM for the current work of Operators .**
- **It means that we have to continue to work to improve this historical dashboard ( requirements are registered via savannah ) and in the mean time we will have to develop a new one.**
- **We need to be sure that every regional components are able to discuss with the Central components (we will define a standard way to communicate between the different Web Services ) .**
- **We will hide the differences between SAM and Nagios with Lavoisier => the dashboard should work indifferently in both 2 cases ( only display will be slightly different )**

- **Requirements on the Regional Dashboard :**
  - [Link to savannah support](#)
- **Description and sources of Lavoisier**
  - <http://grid.in2p3.fr/lavoisier/>
- **Regional Dashboard :**
  - <https://cic.gridops.org/index.php?section=roc&page=dashboard&subpage=federation>