

FKPPL and Rhône-Alpes Virtual Organizations



www.cnrs.fr

Yonny CARDENAS
CC-IN2P3

LSVRC Workshop – HealthGrid Conference
Paris, 28 June 2010

FKPPL VO

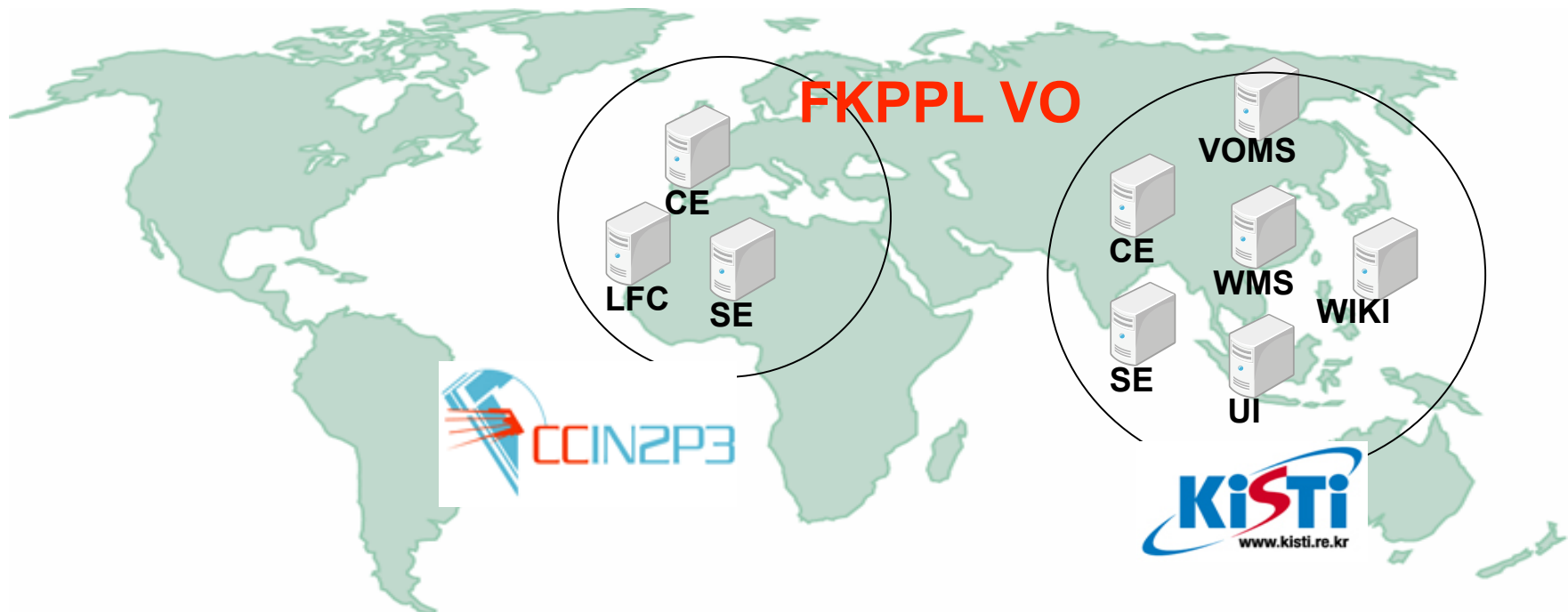
The FKPPL VO goal is to develop collaborations between Korean and French laboratories in the fields of particle physics and e-science (life-science).

The France Korea Particle Physics is International Associated Laboratory (FKPPL).



FKPPL VO

- Has been up and running since October 2008, between 2 sites (France and Korea) which provide about **7,000 CPU cores**
- Used extensively by the National Cancer Center in Korea to carry out compute-intensive simulations relevant to cancer treatment planning. (ex. Applications with Geant4).
- About 50 Users have joined the FKPPL VO membership
- Technology (gLite, AFS, etc)



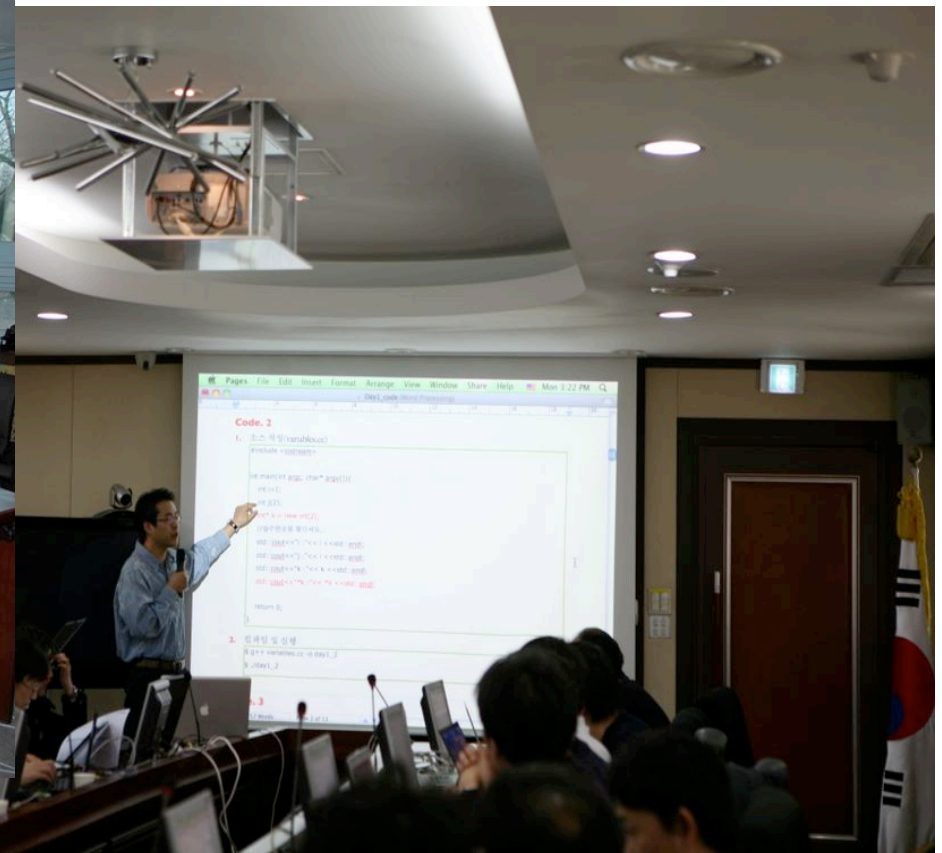
FKPPL VO

User Support

- Application Porting, Wiki site, High level grid tools like as Ganga, etc

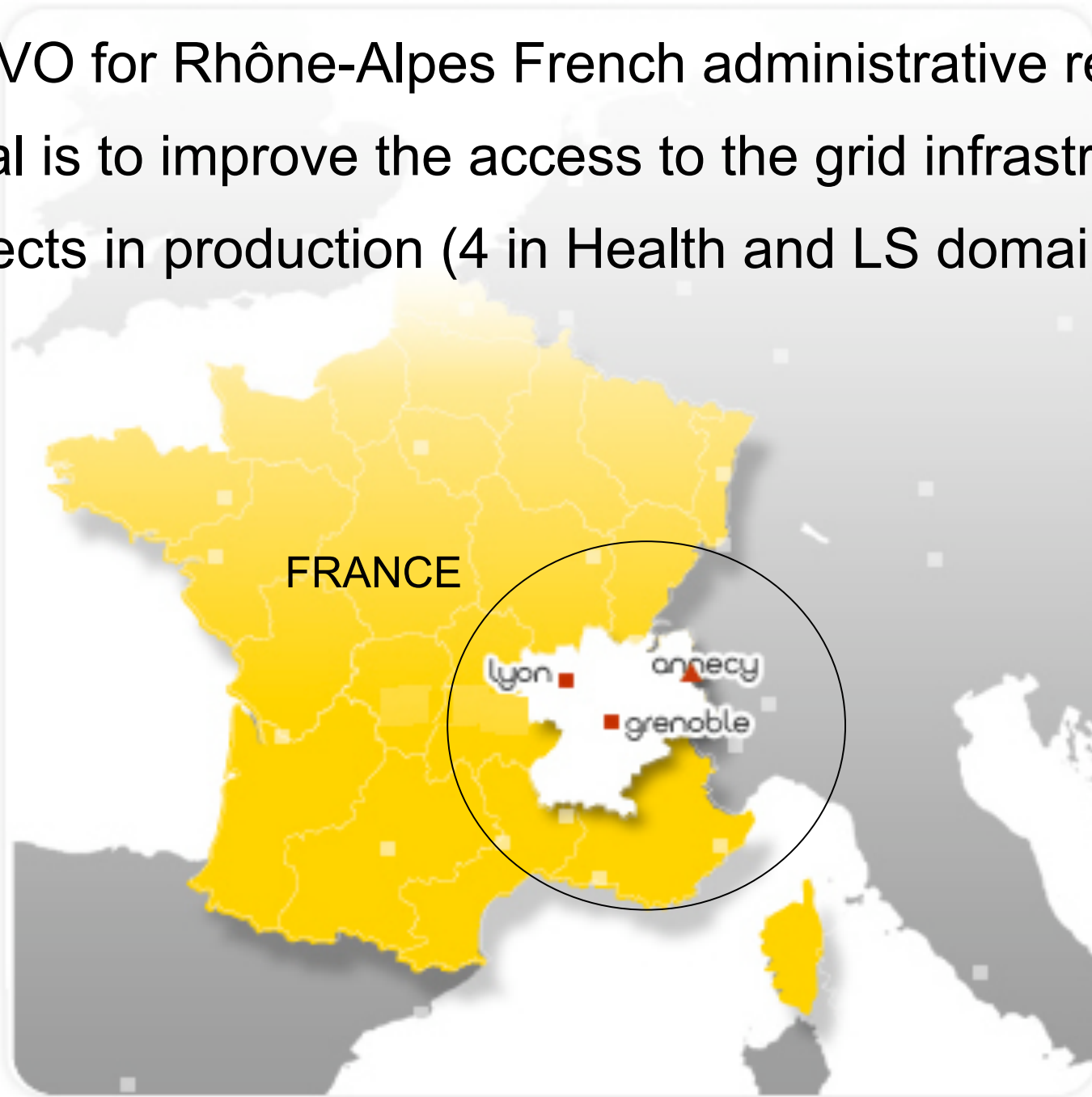
Grid Tutorial & Training

- The VO has organized Geant4 and Grid tutorial 2010 for Korean medical physics community



Rhône-Alpes VO

- It is a VO for Rhône-Alpes French administrative region
- Its goal is to improve the access to the grid infrastructure
- 6 projects in production (4 in Health and LS domains)



Rhône-Alpes VO

This VO is included in TIDRA structure which offers:

- Customized technical assistance and advise to new users and projects.
- Support to local scientific communities with specific requirements.
 - Ex.: Data management for Biomedical
- Flexibility and variety of technologies and focused in integral data management
 - Ex.: IRODS, SRM, AFS, data bases etc.
- Entry point to national and international infrastructures or VOs.

www.tidra.org



Traitement de données
et Informatique Distribuée
en Rhône-Alpes

Accueil du site

Rechercher dans le site

Qu'est-ce que TIDRA ?

Domaines d'application

Astronomie

Aéronautique et Transports

Santé

Sciences de la Vie

Nos Services

Gestion Intégrale de Données

Calcul Intensif

Grille de Calcul

Un Expert à votre écoute

Partenaires de TIDRA

Presse

FAQ

Contact

Connexion

Notre mission :

Améliorer la recherche en Rhône-Alpes grâce à l'infrastructure informatique, le conseil et l'expertise.



Au service
des chercheurs
(en biologie, physique, etc...)

... et des industriels...



Calcul

+



Stockage

+



Services

Summary

Do we need a European structure for grid-related Health and LS communities ?

Yes integrating different levels regional, national, etc.

Regional structures can:

- Response to specific objectives and requirements
- Regional structures can provide access and support to new users
- Offer flexibility and variety of technologies
- They are an entry point to national and international infrastructures or VOs.