



# FKPPL and Rhône-Alpes Virtual Organizations



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[www.cnrs.fr](http://www.cnrs.fr)

LSVRC Workshop – HealthGrid Conference  
Paris, 28 June 2010

# FKPPL VO

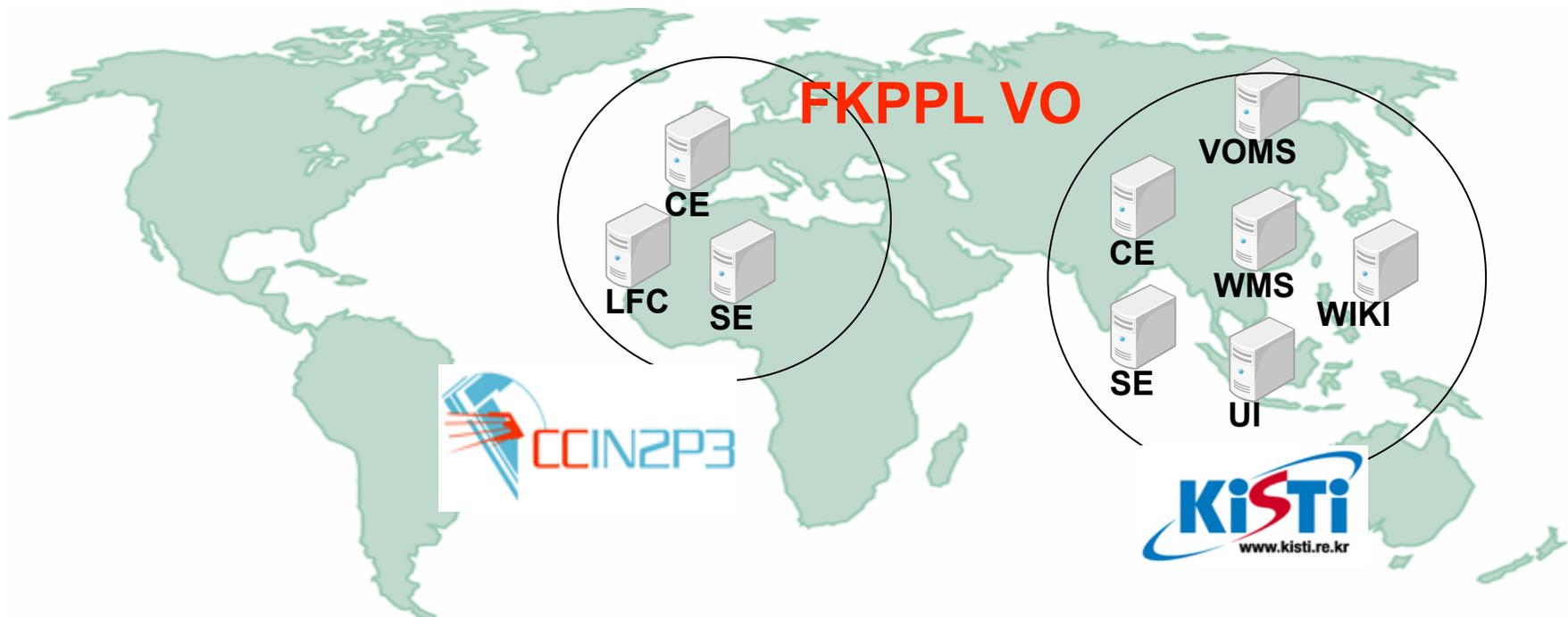
The FKPPL VO goal is to develop collaborations between Korean and French laboratories in the fields of particle physics and e-science (life-science).

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

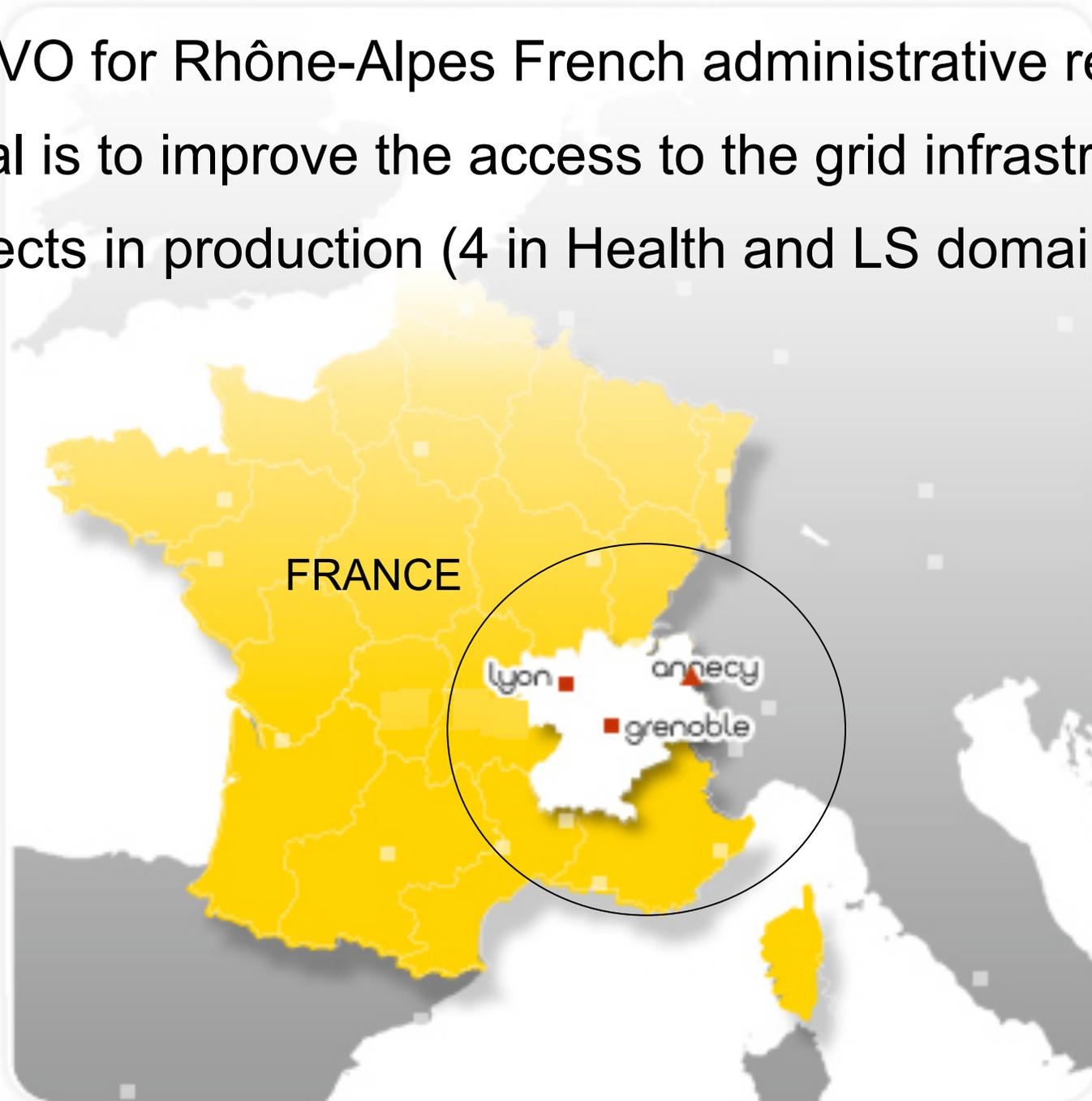
## Grid Tutorial & Training

- 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

**TIDra** 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**

**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.