

Port d'Informació Científica
Puerto de Información Científica
Scientific Information GridPort

LCG-ES

Plans of Spanish Groups for LCG

Prof. Manuel Delfino
Physics Department
Universitat Autònoma de Barcelona*

*Currently on leave at CERN, Information Technology Division

7 Groups involved in 3 LHC experiments

USC (LHCb)

IFCA (CMS)

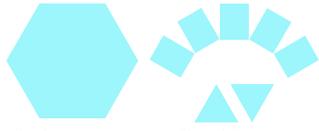
IFAE (ATLAS)

CIEMAT (CMS)

UB (LHCb)

UAM (ATLAS)

IFIC (ATLAS)



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Current situation

USC (LHCb)

IFCA (CMS)

IFAE (ATLAS)

CIEMAT (CMS)

UB (LHCb)

UAM (ATLAS)

IFIC (ATLAS)

- Participation in DataGrid and CrossGrid
- EDG testbed
- 2 multi-disciplinary farms of ~200 nodes in IFIC and IFCA
- “Special Action” for 1 year of 500 K€ (about 50% materials, 50% personnel & travel) coordinated by Jesus Marco.

Coordinated Project to prototype a "Grid Economy" inside Spain

EAD = Analysis Farm

EDS = SW Dev Platform

RSG = SW repository

GSW = SW Gridification

MCF = MC Fabric

GVM = Virtual MC farm

ETD = Data Transform

PIC = Gridified Data Store

SEG = Security Architect

CTS = Tech MC Support

CDC = Data Chal. Coord.

EAD, GSW, CDC

USC

EAD, MCF, GSW, CDC

IFCA

EAD, ETD, PIC, EDS, GSW

IFAE

EAD, MCF, EDS, RSG, SEG, CTS

UB

EAD, EDS, CTS

CIEMAT

UAM

IFIC

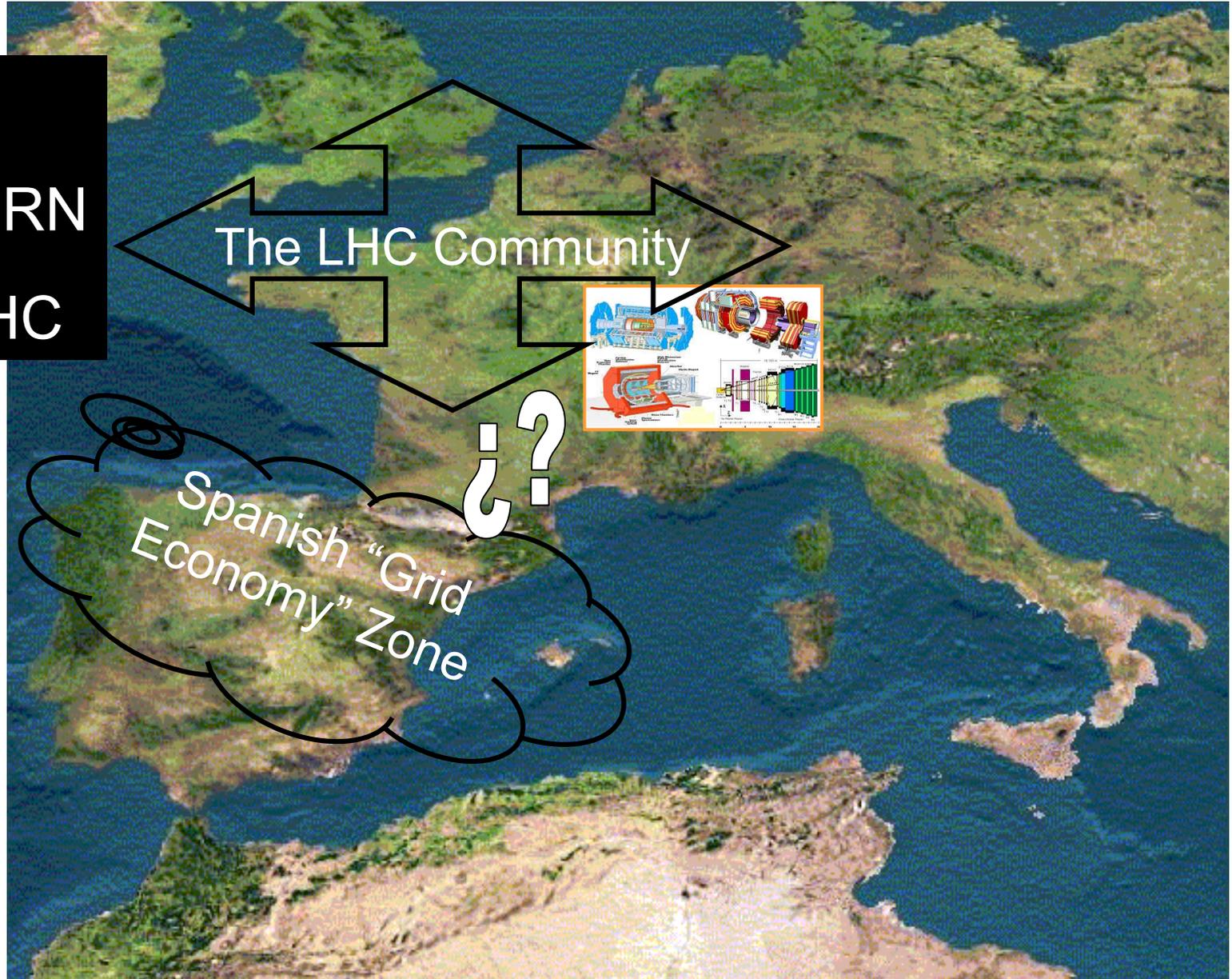
EAD, GVM

EAD, MCF, CTS, CDC

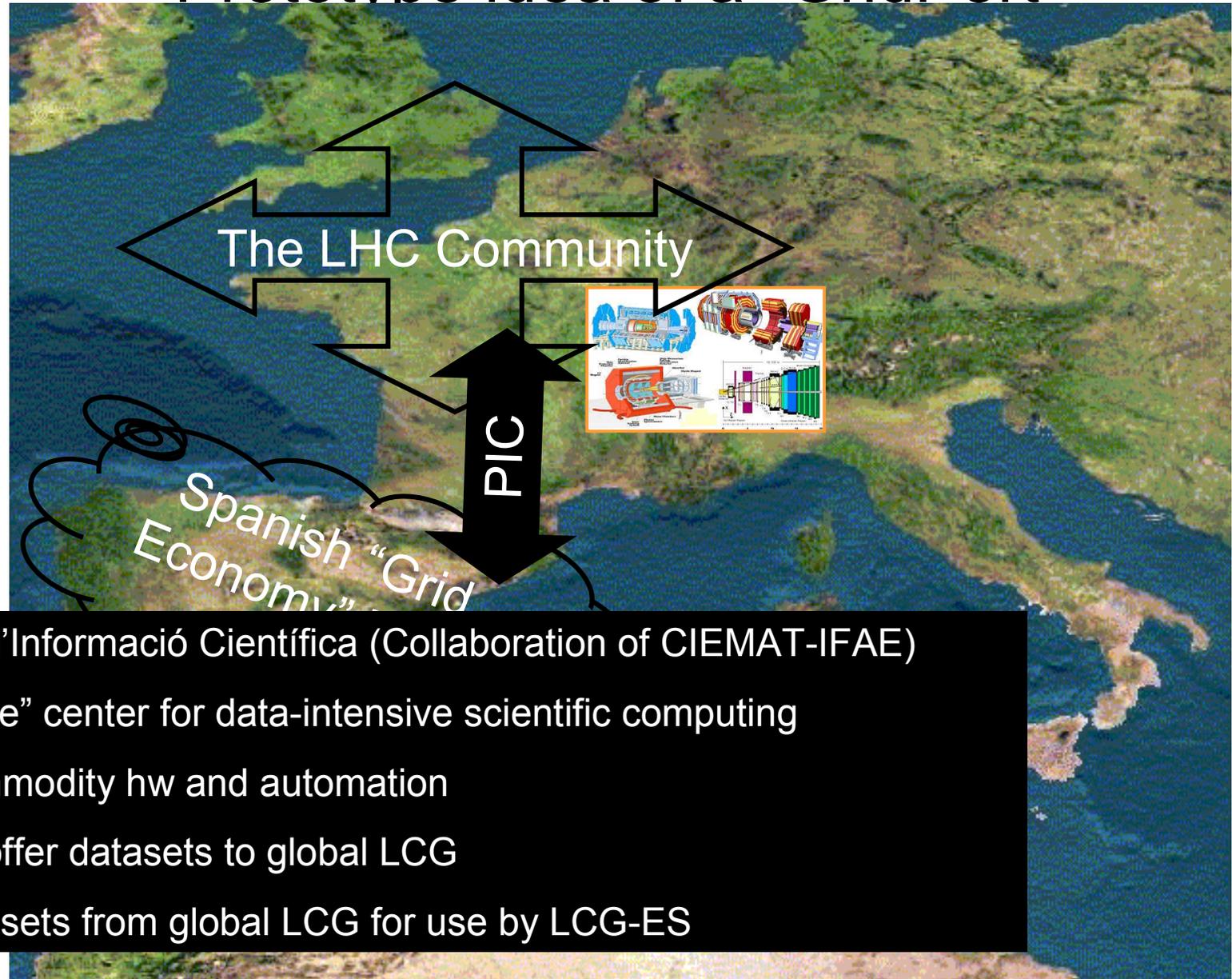
- ~ 3 M€ request to funding agency (2003-2005)
- Stay away from glitz. Concentrate on deployment, MC production & analysis
- Use local Univ. for TT to other discip.
- 600 KCHF materials contribution to LCG-CERN

The “Tier-1 Dilemma”

Spain:
~7% of CERN
~3% of LHC



Idea of Tier-1 evolving: Prototype idea of a “GridPort”



Some (personal) concerns....

2002 Mar 12 10:00 UTC



- So many “national Grids” in Europe ?
- More and more coordination bodies & meetings:
When will we manage to do any actual work ?
- Good to run your own things during prototyping,
but for production would like to see Grid Services
absorbed into a generic “Grid Infrastructure” where
we only need to add LHC-specific hw and sw.