

2nd Tein Expert Group Meeting

Brussels, 25th March 2002

Research Networks and experimentation in Europe - quick update from EU -

Mário Campolargo

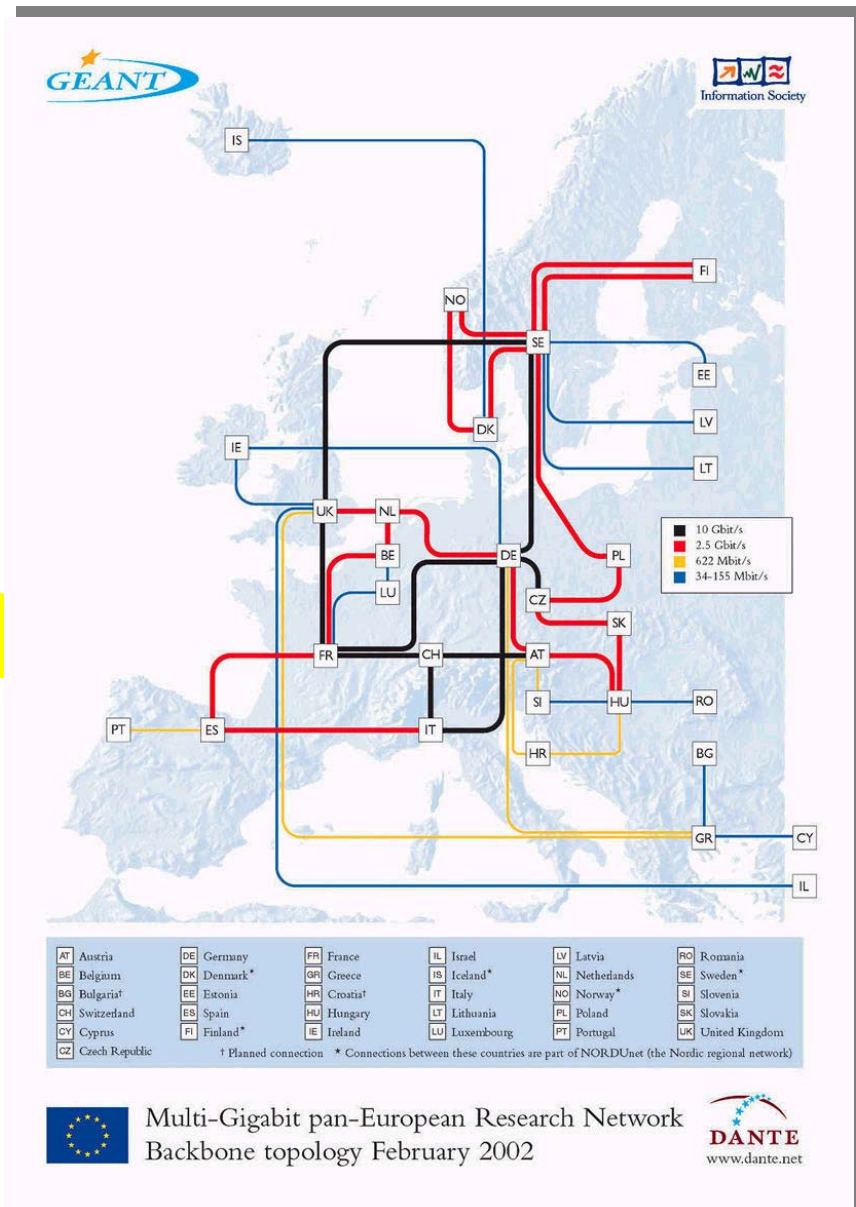
Deputy-Head of Unit, DG INFSO, EC



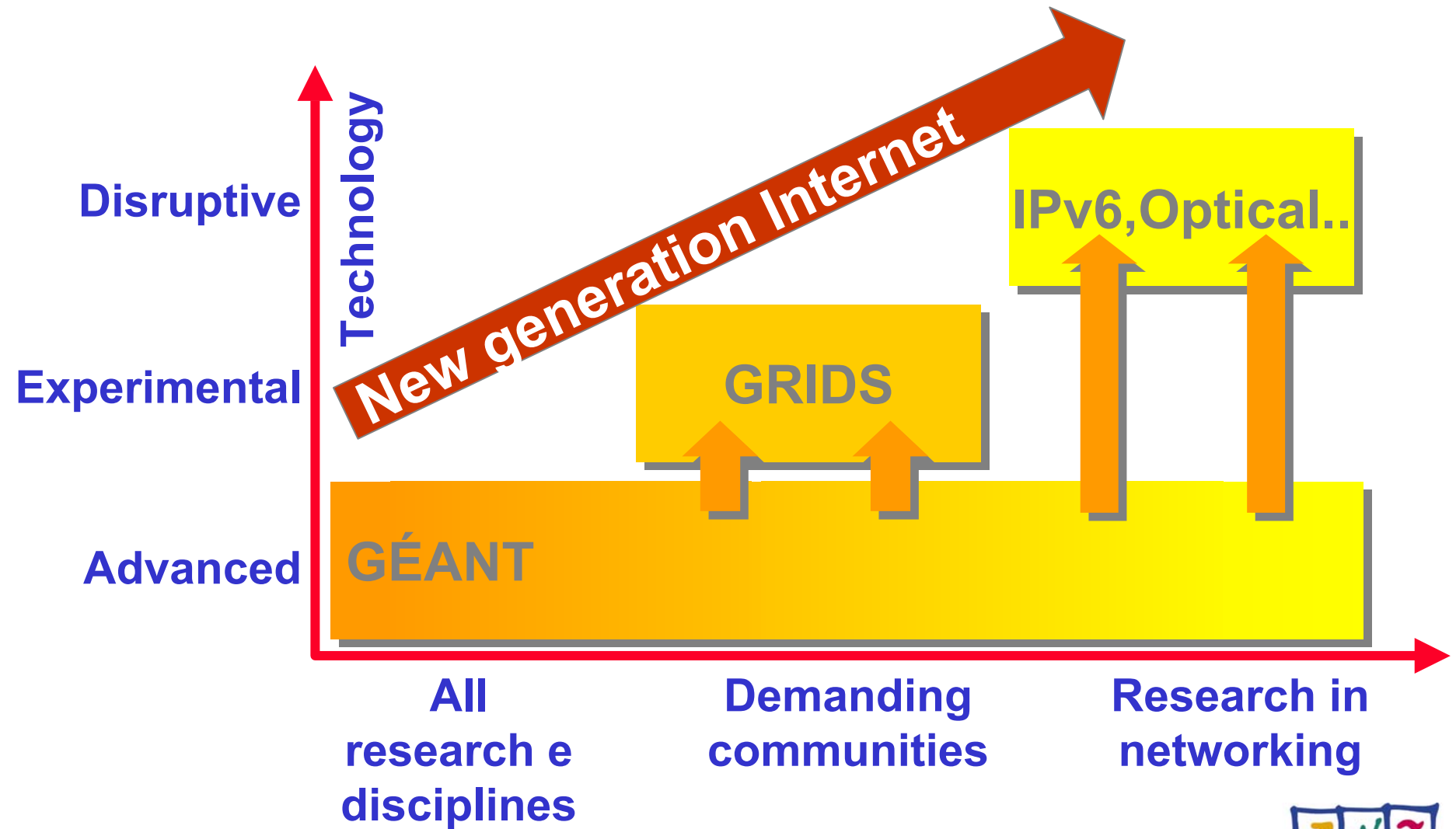
Information Society
Technologies

The GEANT network

- ➔ Operating at **10 Gbps.**
- ➔ Coverage - **32 countries.**
- ➔ More than **3000 Universities** connected... virtually all the researchers in Europe... in **all disciplines**



■ A strategic vision for infrastructures

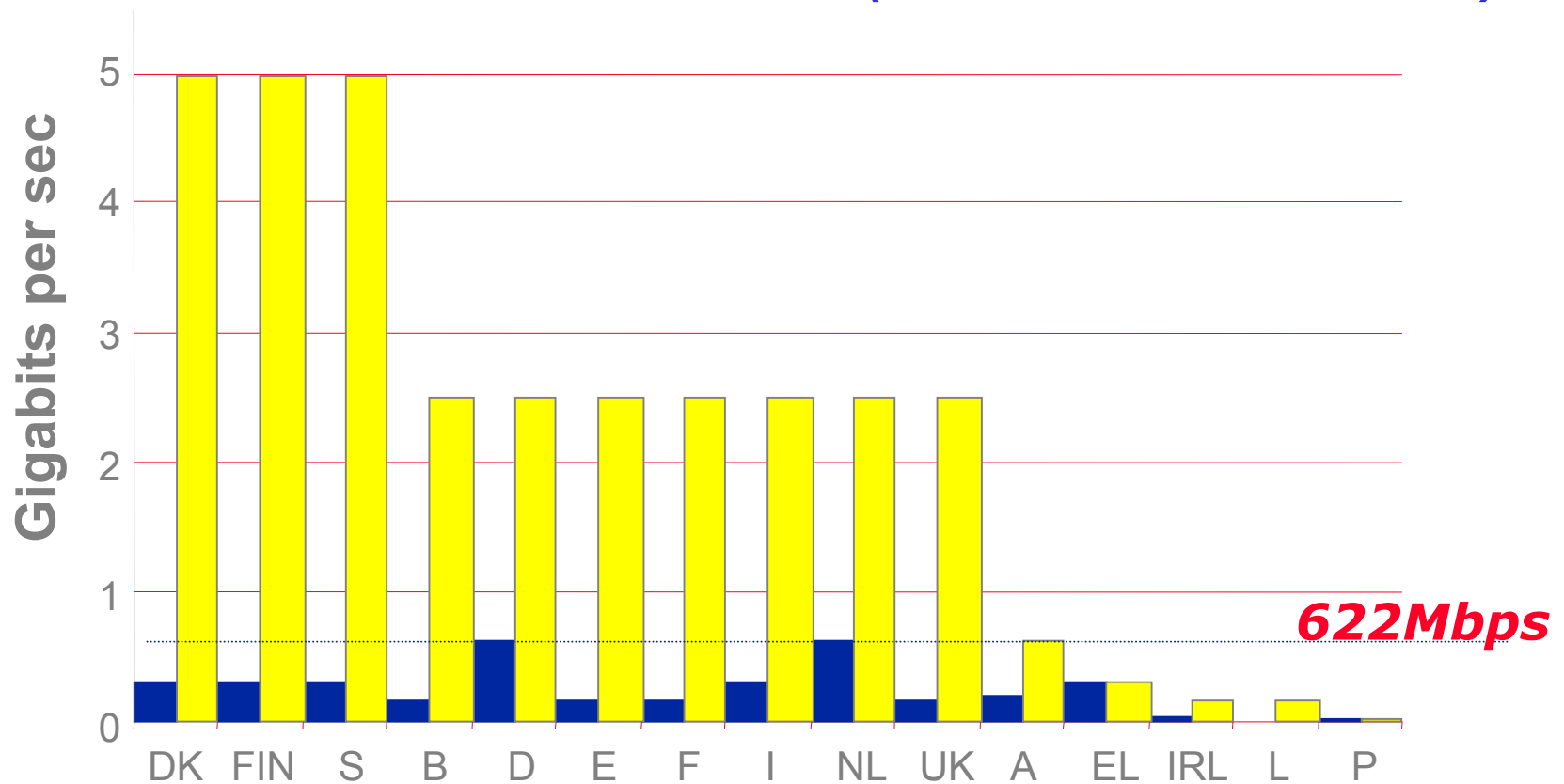


■ GEANT as an infrastructure for research

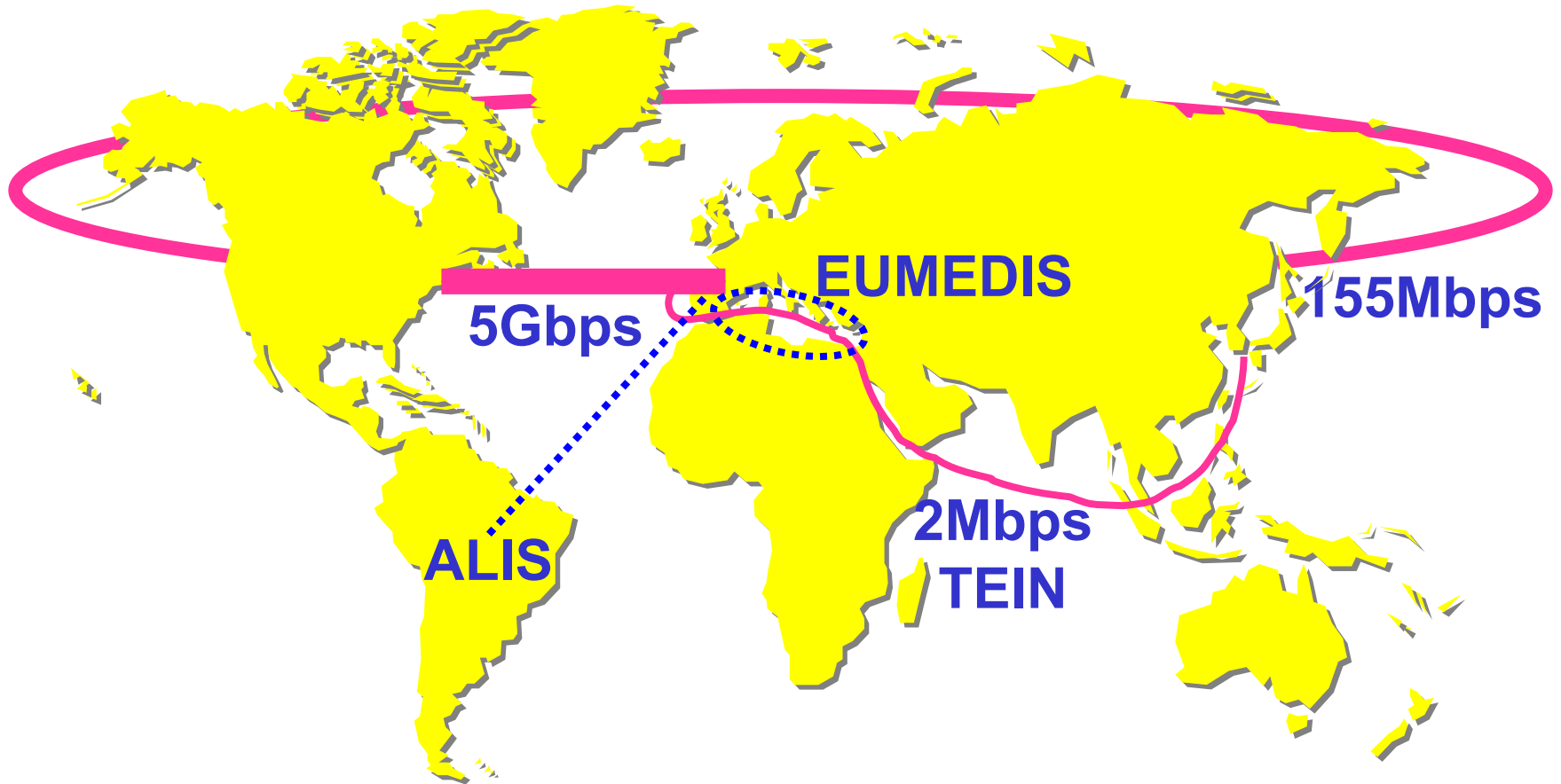
- ⇒ GEANT provides network Services for National Research and Education Networks (NRENs)
- ⇒ GEANT is the underlying platform for a large number of testbeds - GRIDs, IPv6, ...

■ GEANT and the NRENs

NREN access to GÉANT (June/December 2001)

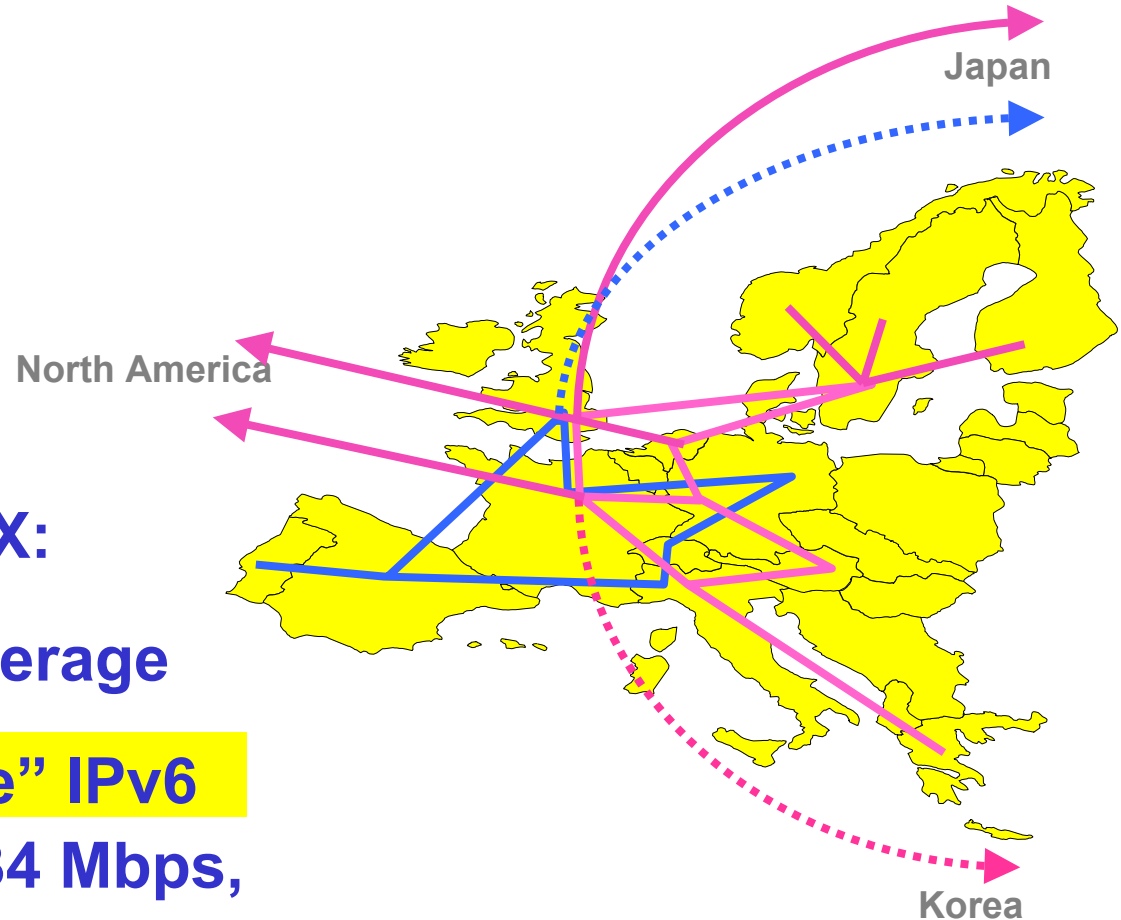


■ The international dimension

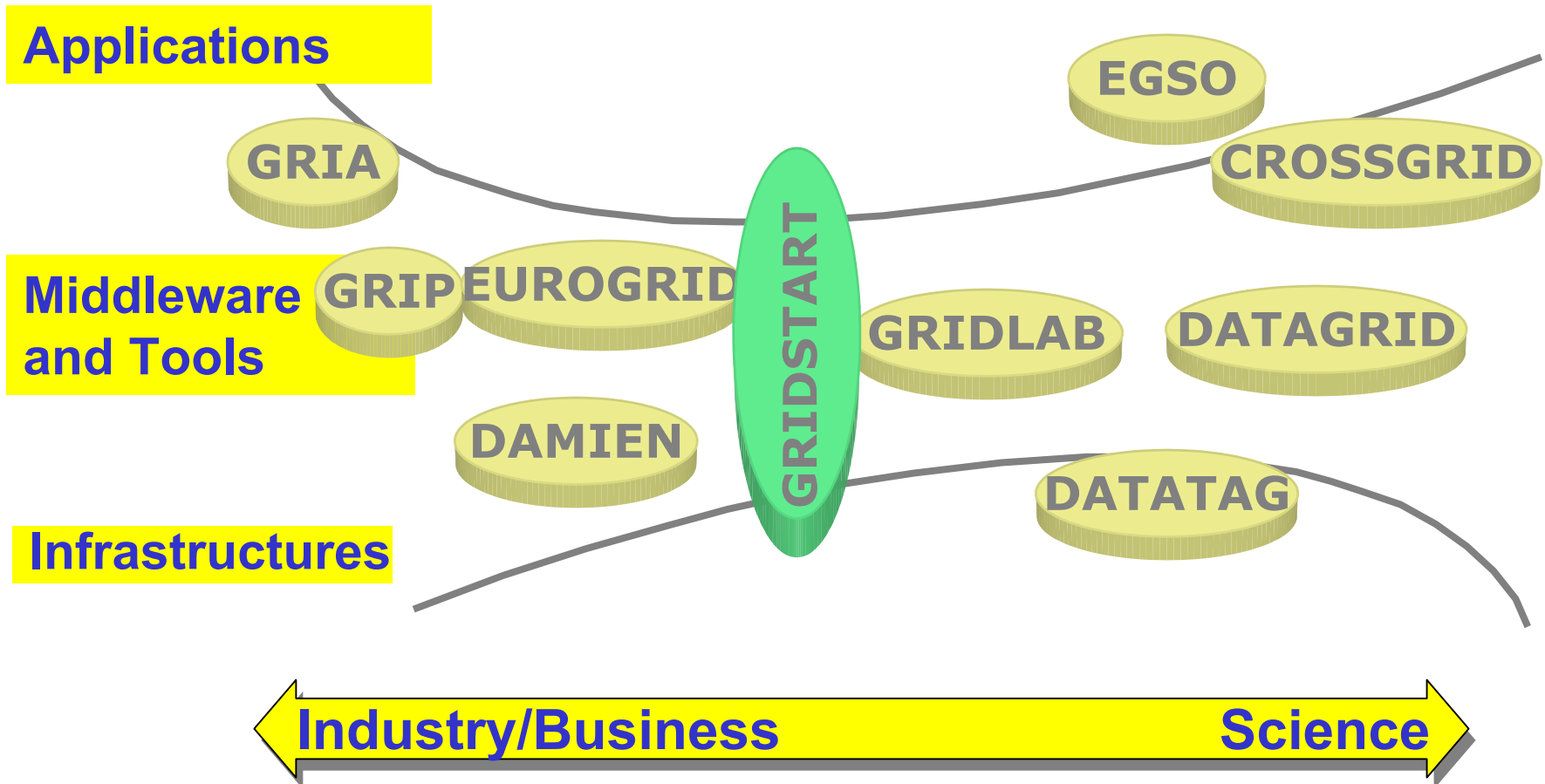


■ Increased focus on IPv6

- ⇒ 6NET and EURO6IX:
- ⇒ Pan-European coverage
- ⇒ High speed “native” IPv6 experimentation: 34 Mbps, 155 Mbps, 2.5 Gbps

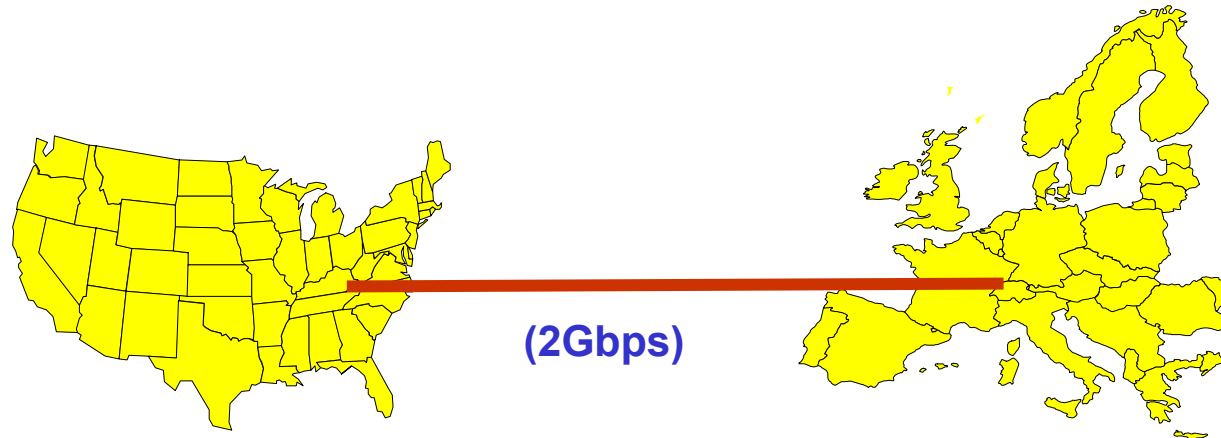


■ GRIDs - an integrated approach



■ GRIDs - international cooperation

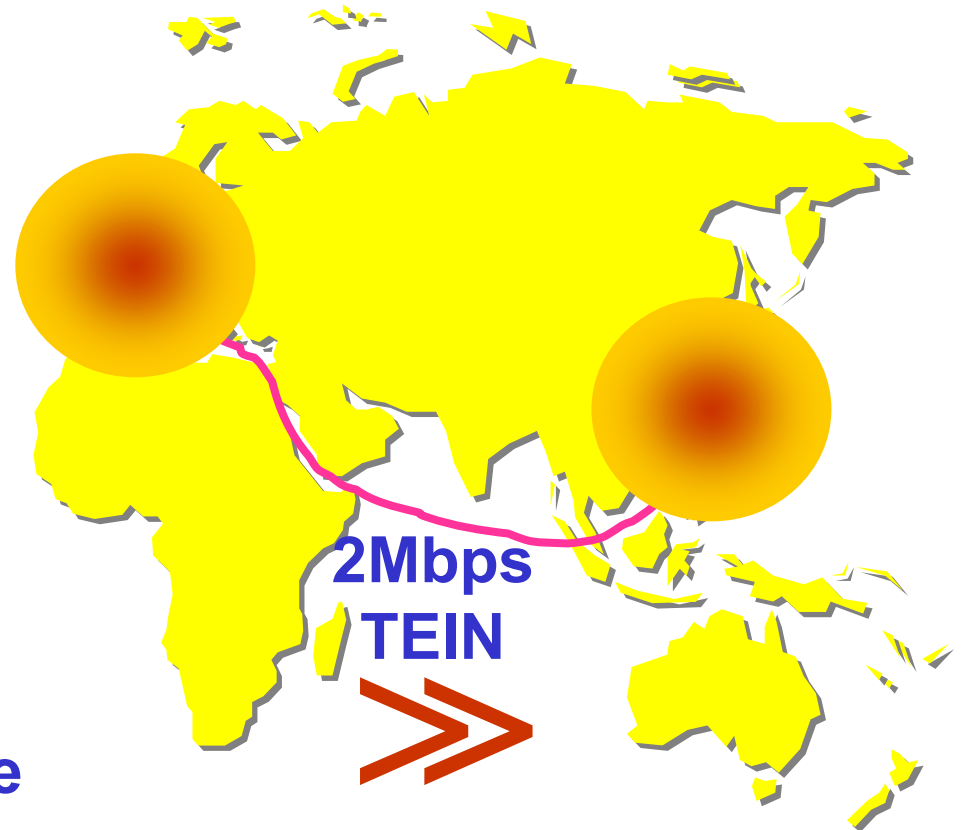
DATATAG, a cross-Atlantic testbed on GRIDs



**Links with US projects
(GriPhyN, PPDG, iVDGL,...)**

■ TEIN as a basis for Pilot Projects

- ⇒ TEIN is in place.
- ⇒ It constitutes an infrastructure for pilot projects.
- ⇒ Co-operation needs to increase.
- ⇒ Bringing together all researchers... multiple disciplines...



■ TEIN as a basis for Pilot Projects

- ➔ This meeting should be able to define the future phases of TEIN and foster pilots projects
- ➔ A successful outcome will be the basis for the political decisions that need to be taken to support the TEIN initiative