

# "Bridging the Gap Between the CIO and Scientist"

John Darlington

Director London e-Science Centre

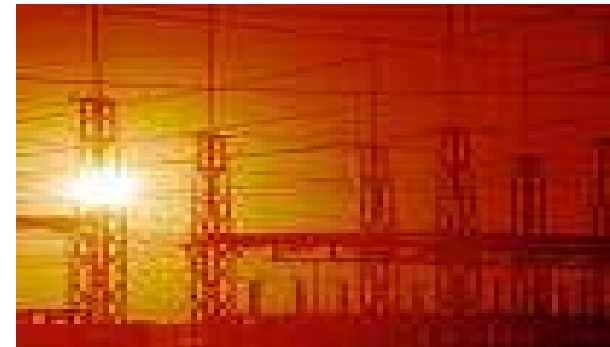
# What is e-Science?

High-level use of Complex Computational Methods



Transparent use of Distributed Resources (the Grid)

Not the same!



The UK e-Science Programme has  
Produced Potentially Useful Infrastructures  
- Discovery Net, myGrid, Geodise

Moves to Introduce as (National)  
Operational Infrastructure

Research  OMII  NGS

Fractal - Global, National, Institutional

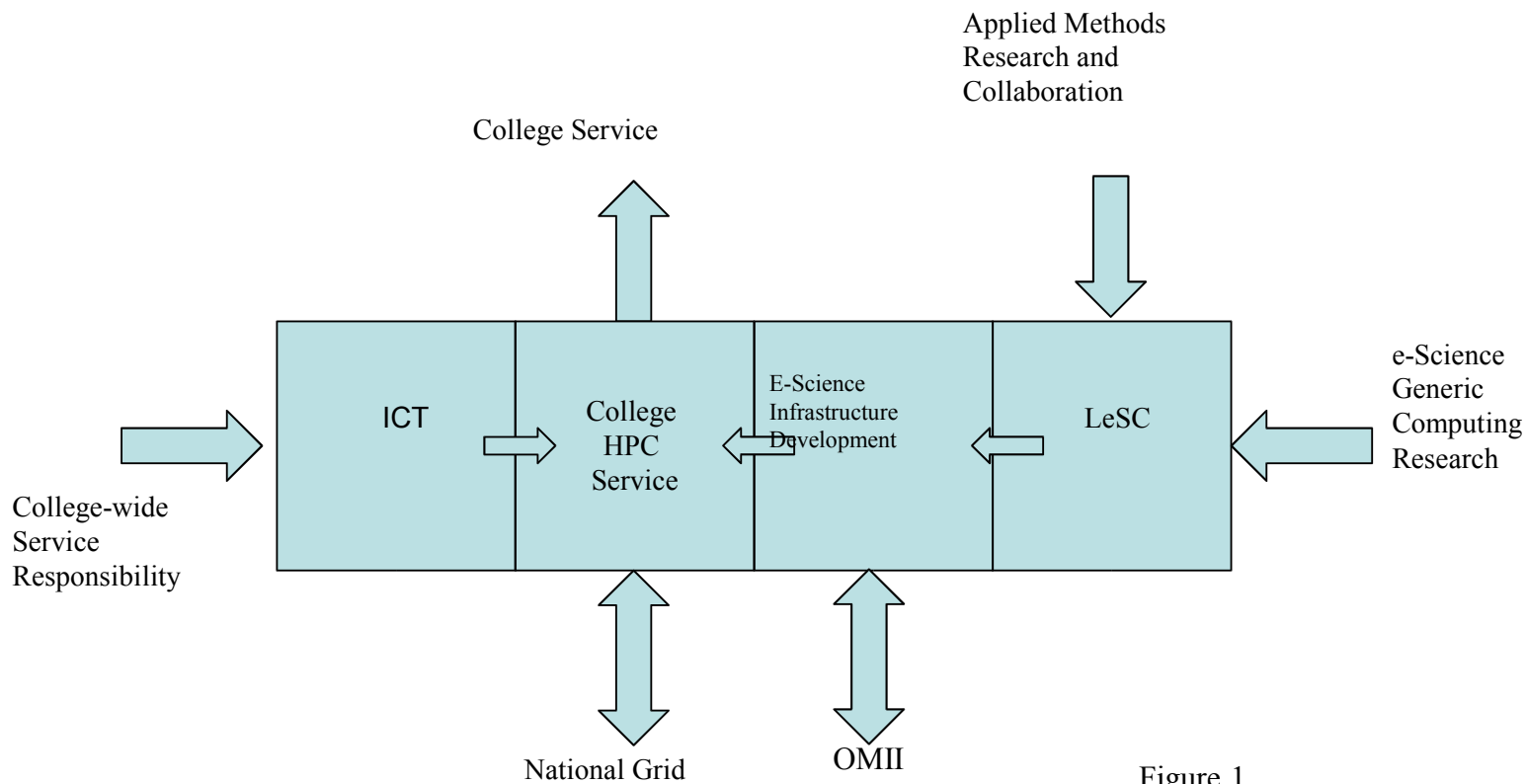
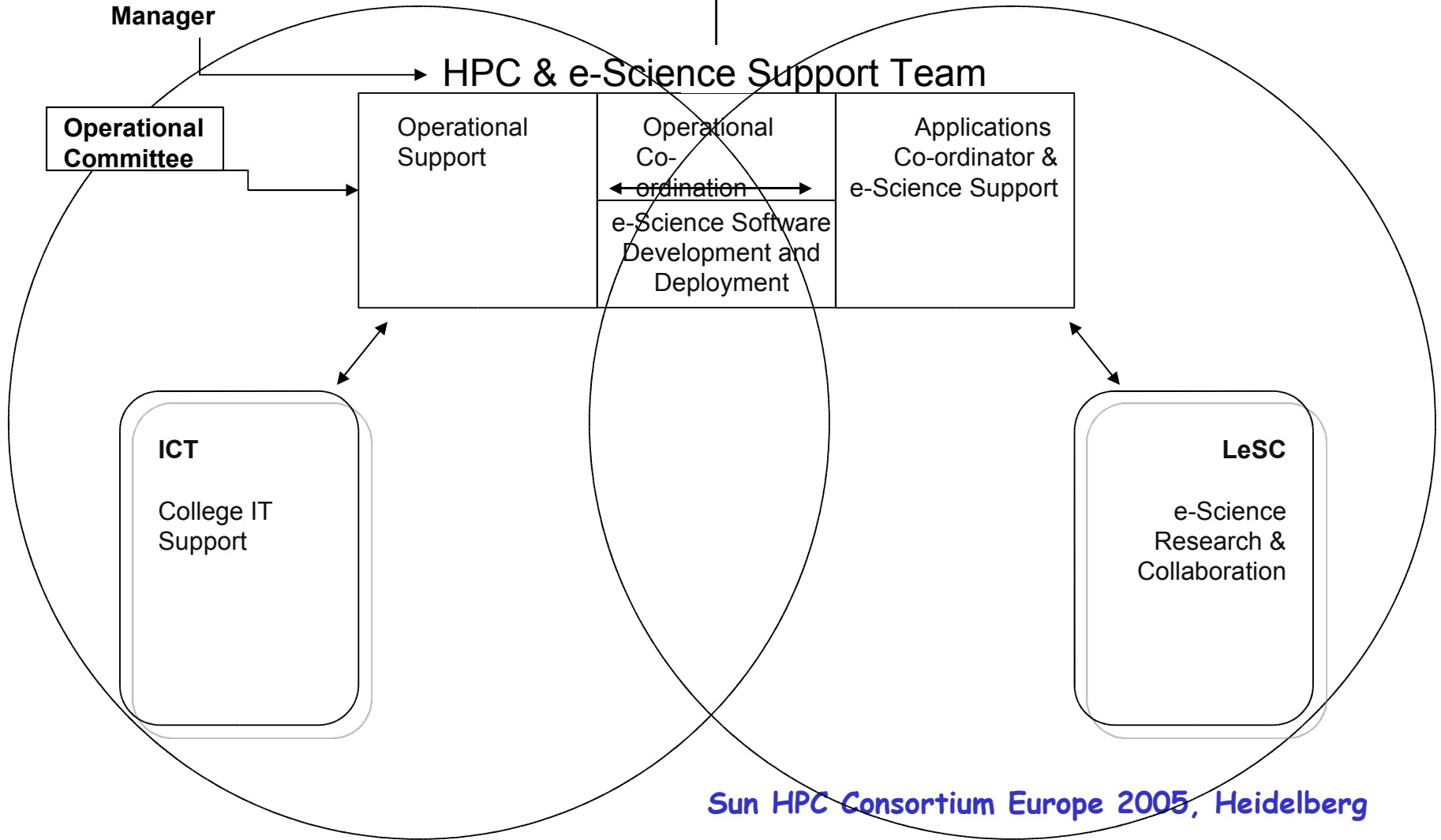
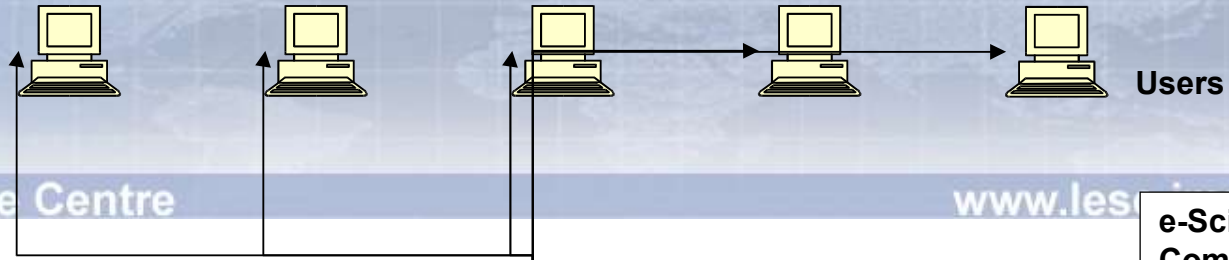


Figure 1



## Incremental Approach

Large Machines on Campus Grid

Management of Remote Resources

Incorporation of Remote Resources (Fair Share - College Policy)

Deployment of e-Science Utilities

E-Science Collaborations

Switch Emphasis from Machines to Utilities (Utility Computing Would Help)