

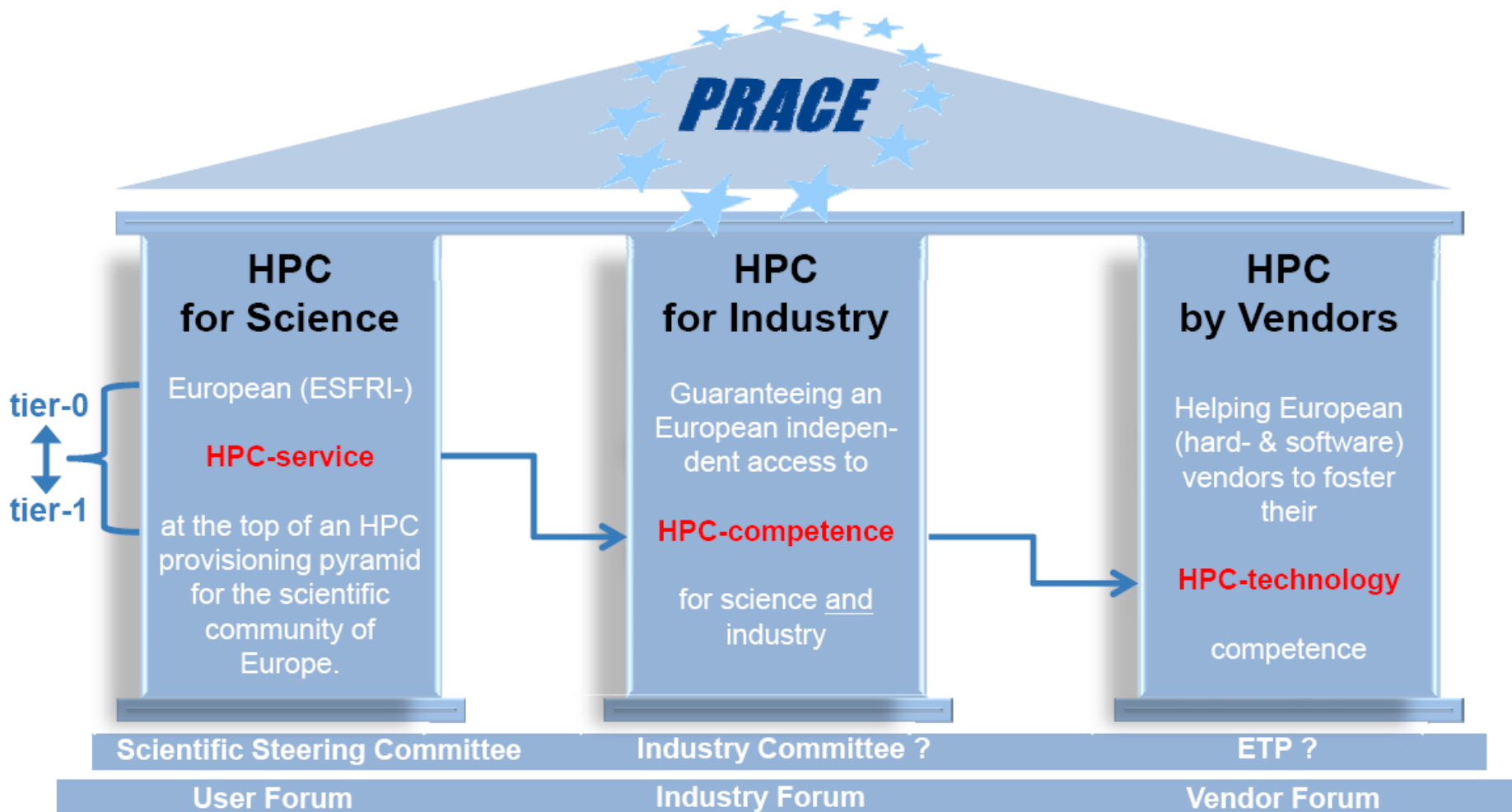


# PARTNERSHIP FOR ADVANCED COMPUTING IN EUROPE

## e-Infrastructure from an HPC Perspective

Richard Kenway

Chairman of the Scientific Steering Committee



## centres ↔ users

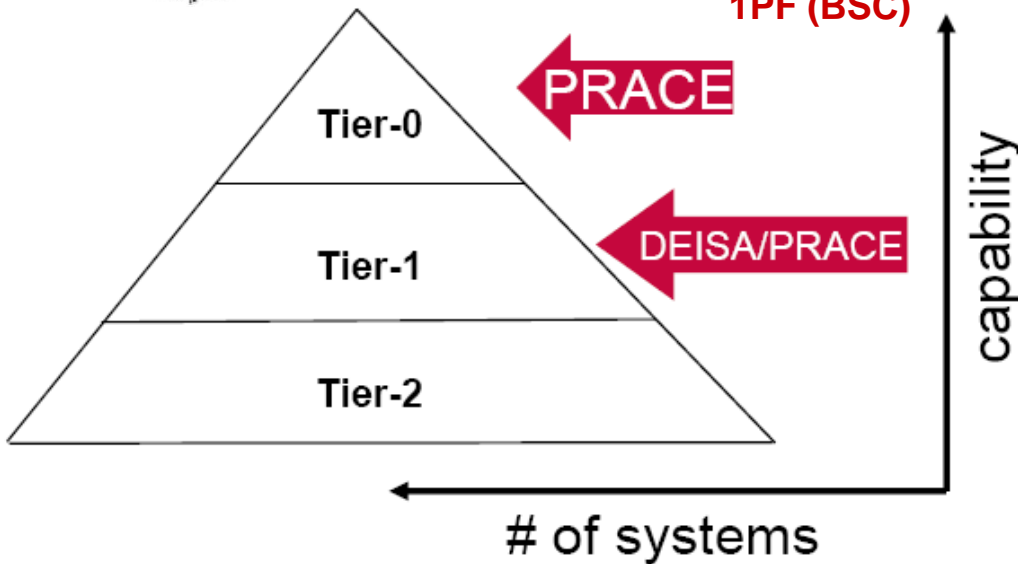


2012: 3PF Super-MUC (LRZ)  
2PF BG/Q (CINECA)  
1PF (BSC)



*Imagine a powerful grid computing infrastructure, similar to CERN's computing centre, but beyond the petabyte range and dedicated to climate research. A multi-national institution could solve the immense challenges of climate change. Image courtesy CERN.*

Tim Palmer, Oxford, Physics World, Mar 2011

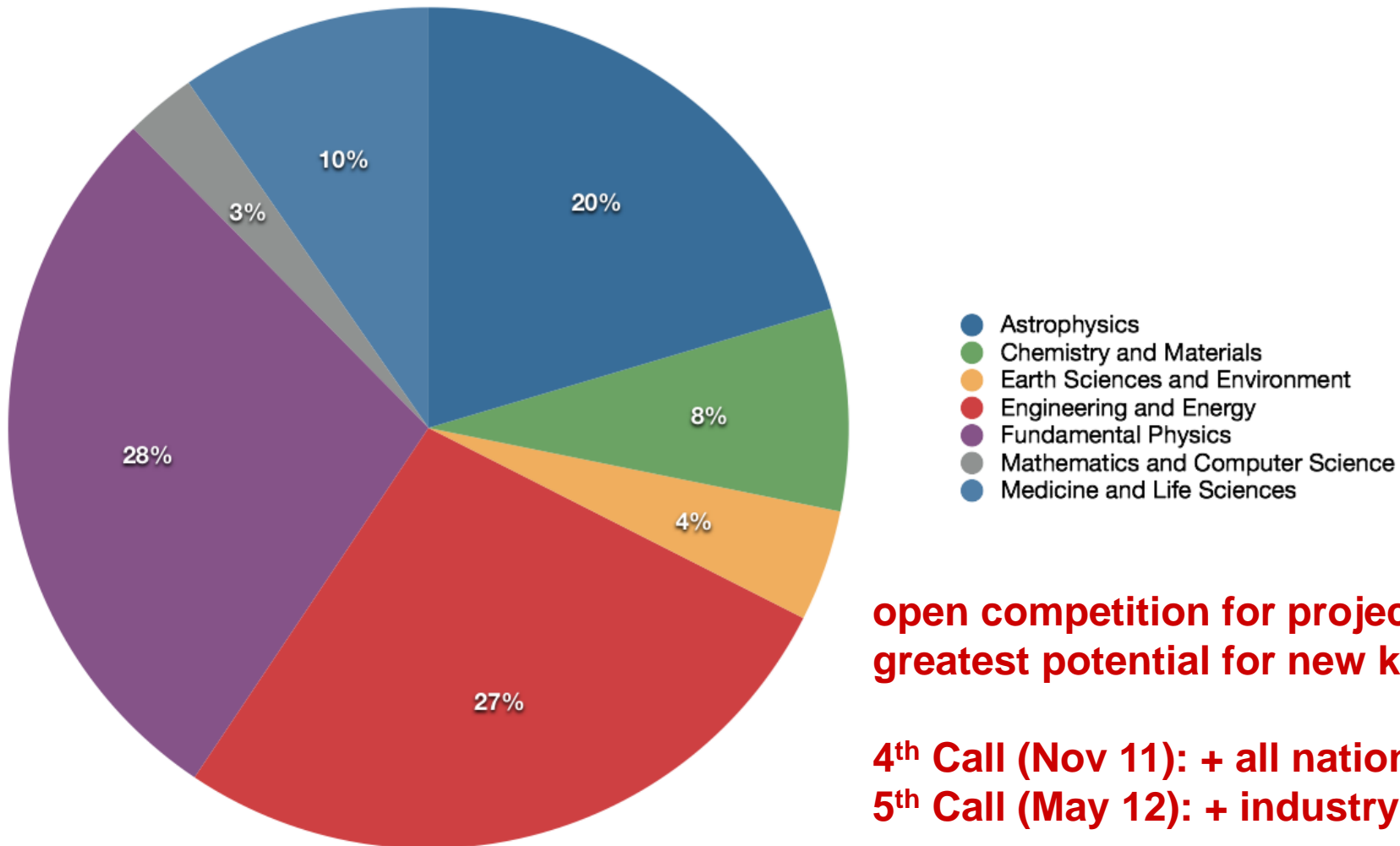


**data management, movement, security, validity  
operating/access modes (eg batch vs interactive)**

**Eol for Programme Access (deadline 1 Nov)  
Workshop to Update Scientific Case (30Nov-1Dec)  
User Forum (1Dec)**



## Resource distribution



**open competition for projects with the  
greatest potential for new knowledge**

**4<sup>th</sup> Call (Nov 11): + all nationalities**

**5<sup>th</sup> Call (May 12): + industry**