

CONTEXT

- ICT Programme
- 2002 Spending Review Activities
- House of Lords Report
- Programme Business Planning

ICT Programme Objectives

- To maintain excellence in the research base which underpins the Programme
- To take account of the needs of users in maintaining a balanced portfolio of research and training opportunities
- To support inter and multi-disciplinary research

ICT Spend on Design Research

New responsive mode grants since
01/01/01 on VLSI Design and SOC:

£7million

Compare with Electronics Devices &
Subsystems:

£6million

Lots of extra devices stuff funded by
Materials

ICT Priorities for 2003

- Provide up to £5M for Platform Grants
- Support up to 5 “Portfolio Awards”
- Programme development

Portfolio Award

ADVANCED PROCESSOR TECHNOLOGIES

Prof Steve Furber et al, Manchester

` Finding novel ways to address and exploit the formidable design complexity of chips `

2002 Spending Review

- Increase of 6% to Programme baselines
- Novel Computation:
 - complexity and information uncertainty, hybrid systems, evolutionary computing, autonomic computing etc.
 - £10m “new money” from SR 2002 to be matched from Programme budgets
- Two elements:
 - Call for Research Clusters (Feb 03)
 - Institute for large scale complex IT systems

House of Lords Report

- Rebalance funding away from devices to design
- Establish an Institute
- Loadsamoney!

Business Planning

March/April	Draft business plan for following March
June/July	Final version to TOP/UP
September	TOP/UP meetings
Nov/Dec	Council <ul style="list-style-type: none">•Priorities•Finance
March/April	Implementation

Way Forward

- Needs input from community
- Needs community to work together
- How?
 - EPSRC Review/Evaluation of Design research?
 - UK Paradigm Shift Consortium – Network grant
 - UKDF?
 - SR2004?

First Gauntlet

What?

- New and exciting things to design
- New and exciting tools to help designers
- New and exciting methods of doing design

Second Gauntlet

How?

- Institute/IRC
- Virtual Centre of Excellence
- Consortia
- `Normal` grants

Third Gauntlet

Who?

- Not just EPSRC!
- DTI
- Industry
- Academic community

Conclusion

- EPSRC knows design research is important
- We want to work with the community to identify key research issues and most appropriate funding mechanism
- Talk to us!