European Study Towards a Global TeV Linear Collider
The EU's Framework Programme for Research and Technological Development is a major tool to support the creation of the European Research Area - ERA.

- European Union decided to include "Design Studies" in support of Research Infrastructures
- 3 calls for 200 Mio. € total within FP6

an opportunity not to be missed → EUROTeV
LC making progress globally

- Political scene
  - OECD recommendation
  - ILCSG
    - encourages ITRP for a swift decision towards technology
    - starts planning for the Global Design Initiative (GDI) to coordinate the efforts worldwide

- Community reconfirms priorities
  - exploit existing facilities
  - start LHC
  - prepare for ee-Linear Collider
  - develop multi-TeV accelerator technology
Why - now?

• EU Framework Package 6
  • a 70 Mio € call of the European Union was due March 2004
  • Support of Design Studies
  • EU contribution is ≤50% of total bid
  • typical range of grant 1-10 Mio € (Estimated subscription: 700 Mio €)

• Excellent Opportunity
  • demonstrate the need for advanced accelerator development
  • gain access to the required resources within the EU
  • obtain the necessary visibility in Europe and worldwide for the LC cause
EUROTeV and the International Scene

• EU Design Studies is restricted to EU members (+associated institutions)
• LC will be more international than the EU commonly envisages
• Have to be prepared to react to the developments in the international arena

• When drafting proposal
  • Obtain feedback from plans in America and in Asia
  • Establish early contacts to the Global Design Initiative
  • Seek international advice for EUROTeV
• concentrate on topics that are (largely) independent of technology choice
• match the topics to the expertise available in the participating laboratories
EUROTeV Work Packages & Tasks
(except MNGMNT)

BDS
S. Smith
- BDSLD
- CRABRF
- FFBK
- SWMD
- SCFD

DR
S. Guiducci
- ECLOUND
- RFSEP
- LETS
- WGLRDYN

PPS
A. Stahl
- HURD
- PHCOL
- PPTARG
- PPMDL
- SPINF
- SPTRNS
- LEPOL

DIAG
G. Blair
- CFBPM
- LBPM
- CAVBPM
- ESPEC
- HEPOL
- TPMON
- WBCM
- FLUM

ILPS
D. Schulte
- FMSIM
- HTGEN
- HCOLSIM
- HALOBKG
- BCDES
- PCDL
- BBSIM
- LETSTAT
- LETFDBK
- LETILPS

METSTB
Y. Karyotakis
- RTRS
- MSTBT
- PGMS

GANMVL
F. Willeke
- ODI
- SC
- ME
- DGF
## Participating Institutes

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- **7+1 work packages**
- **27 institutes**
Financial Dimension

Total Budget: 29073 k€
Requested EU Contribution

Requested EU Funding: 11252 k€

- D: 30%
- UK: 29%
- INT: 17%
- F: 13%
- I: 6%
- CH: 3%
- S: 2%
- Other: 6%
Conclusion

- European laboratories...
  - have demonstrated considerable interest in swiftly completing the remaining research towards a worldwide LC
  - have been able to allocate considerable resources around a Design Study that will help to advance the required research
  - have exposed the LC to the highest European political levels
  - are requesting considerable funds from the European Union

- Bid was submitted March 3, 2004
  - Expect feedback by July 2004

- Effort is well integrated into the worldwide global design effort (GDI)