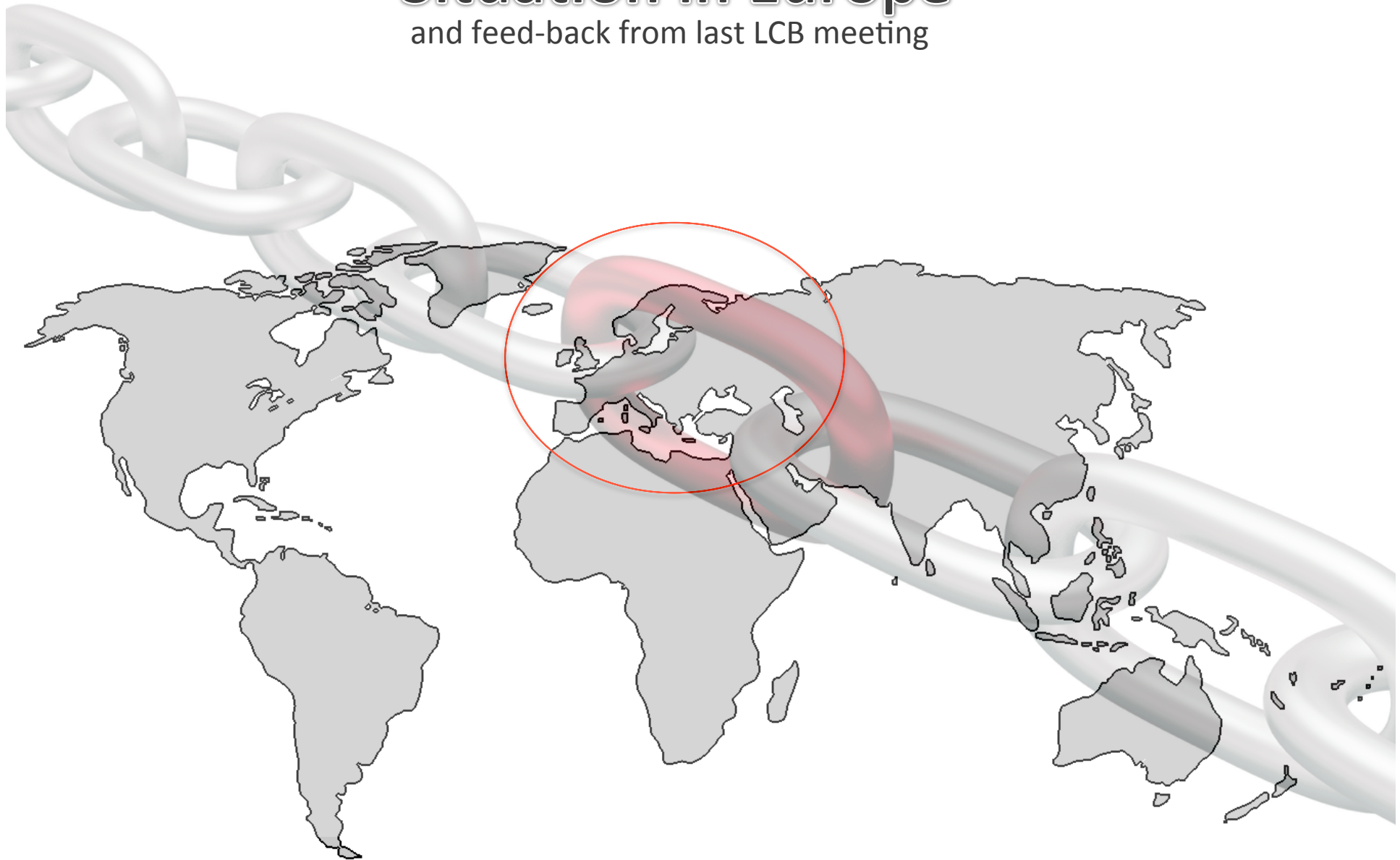


F. Le Diberder
JCL March 2016

Situation in Europe

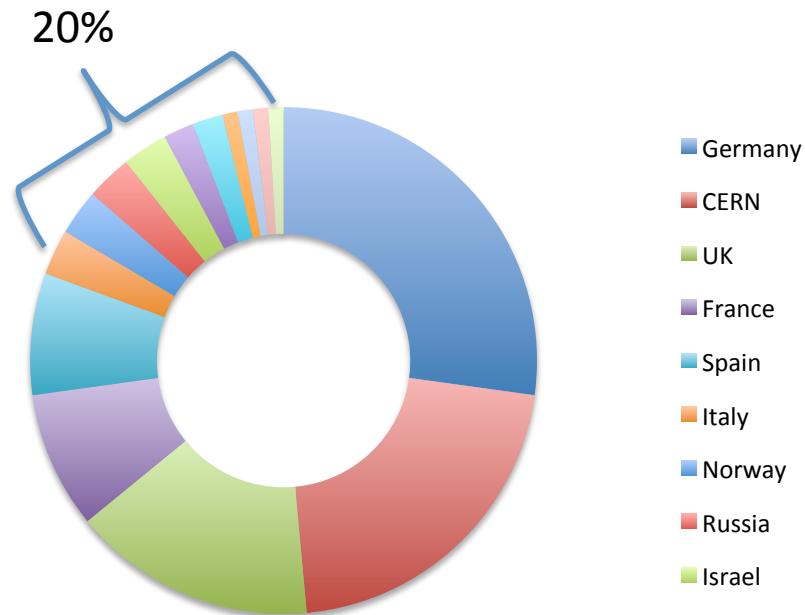
and feed-back from last LCB meeting



Europe is a strong link of LCC

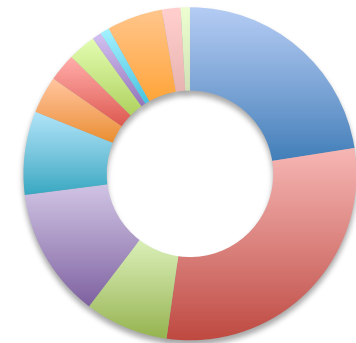
LCC - Europe definition : a snapshot at LCWS 2015

Europeans = 50% of ~ 200 attendees



Germany	25%
CERN	25%
France-Spain-UK	30% (+/- 5%)
Several other countries	20%

LCWS 2014
similar



Four main players :

- 1) Germany
- 2) France :
- 3) Spain :
- 4) UK :
- 5) and “CERN”

Remark: activity is not limited to the above countries :

- Italy LC community is small, but some light at the end of the tunnel
->- restart limited R&D for Lepton Collider
- Netherlands NIKHEF started a LC working group (detector&Physics)
- A large fraction of funding comes from H2020



GERMANY

Klaus Desch

New round for BMBF (research ministry) funding (started 07 2015) :

- 1.6 Meuros R&D for ILC detector (3 years, 6 universities)
- 1.4 Meuros R&D for ILC machine (SCRF, e+ source)

Strategy workshop (KET) 2-3 May 2016 (Munich)

likely to be the 1st of a series -> next European Strategy Update

UK

Phillip Burrows

Funding 2015-2016 : symbolically significant allows

Total : £150k~**250k€**

- groups to re-engage with ILC R&D activities on the physics & detector side
- staff to travel to LC workshops and conferences
(April Tokyo + November Vancouver : 15 UK people [x5])

LCUK meeting in Liverpool on 1/2/16

more than 30 people : healthy group + positive mood

Funding beyond 2016 : very difficult if no visibly positive signal comes from Japan

SPAIN

Angeles Faus-Golfe

Spanish Network on Future Linear Collider 2007-2015

- Finished last year ->- Renewed for two years, with a small grant R&D (ILC and CLIC)
- Funding request to Spanish Research Agency (LCC) ->- approved 500 keuros for three years: Goal is mainly to maintain human capital
- IFIC-CIEMAT-ALBA signed 3 Knowledge and Transfer (CERN)
-> CLIC technology developments (cover 3 years)

Spain will host the European Regional LCWS 2016

FRANCE

Marc Winter & Maxim Titov



- IN2P3 : Budget is stable
 - Irfu (CEA) Budget is stable
- but emerging pressure from other future projects

- 2015 ILC-report has been sent to Ministry + Embassy + management teams.

Marathon





	2015	2016	2017	2018	2019	2020
Germany					 <p>EU Strategy Update</p> <p>Time for resolve</p> 	
CERN						
UK						
France						
Spain						
Others						

Prepare government level for a (possible) incoming official contact from Japan

**Feed-back from last LCB-ICFA meeting
(a selection of points, hopefully not addressed so far in the day)**

. KEK :

- discussion with leaders in japanese academic sector : ~10 people already approached
tough to explain that ILC will not absorb all research money of Japan
- evaluation by Science Council will start soon

. Detectors

- SiD -> sorely needs funding
- ILD funding increasingly difficult
- 750 GeV indication is a good exercise for LCC :
internal write up being prepared (ready before ICHEP16)
- LC Physics brochure for general public with communicators
finalization to be done soon

. Asia

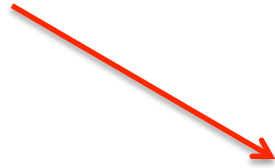
- Seed money for CepC-R&D: 2M\$ for 3 years
- ASIA-HEP : statement supports ILC in Japan and CepC in China

. CERN

- HE-LHC part of the FCC study
- 2 main IP's for both FCCpp and FCCee
ee not compatible with pp : single tunnel can't take both at once
- so far ~ 500MW consumption is the estimate
- If tunnelling starts 2025, physics ~ 2040 (admittedly a tight schedule)

Conclusion

To avoid this



- proposal concerning new LCB-LCC mandate:
 - 1) International body to promote LC is needed and it should be functional
 - 2) Must adjust the mandate (even a lighter structure?)
 - 3) Prepare pre-lab phase
 - 4) Communication with politics and public to be improved
- > WG to define a new mandate/structure = heads of large labs
- > Should be ready for ICHEP16
- > Then names to fill the structure.