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Methodology Working Group

Reliability & Test – Milan, 28th Nov

Afternoon : Focus Groups

14:30 Briefing on Breakout Sessions

14:45 Focus Groups:

*Failure mechanisms, Modelling and Fault Simulation
Accelerated Testing, Test Strategies and Reliability
indicators*

Collaboration / Business models for future initiatives

15:30 Coffee break

16:00 Focus group reports

16:30 Discussion on actions and way forward





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Needs

	PATENT	Eurelnet	Halle / MEMU NITY	Other
Consumer				
Aerospace				
Transport				
Bio / Pharma				



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Database

Aid in a selection process

One database would aid the user

Useful if Generic data shown to be useful

Collection of public information

How to access private information

Sensitive data will never be on these databases

Test standards – store emerging / potential standard techniques

Small companies possible users of a generic database

Design for Reliability tricks



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Questions for Focus Groups

Identify key non-competitive technical challenges best addressed by a EU wide collaborative team (3-5 challenges)

What are the drivers? – academic driven?, end user driven etc?

Identify the optimal collaborative structure to push this work forward – ie. IP, STREP, NoE, LLP, Association, Partnership with clusters & satellites

Identify synergistic areas that the activity could partner with

Identify the added value of a generic database to these activities – what data would be suitable for populating, what would not be suitable, what level of fees would be appropriate for membership / access





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Report from Focus Groups

Focus Group 1

Failure mechanisms, Modelling and Fault Simulation

Mostly academia

Will build a proposal (FP7) key words – failure mechanisms, defects, PCM; package influence; KGD, diagnosis; statistical simulation.

Test equip & measurement, signature analysis





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Report from Focus Groups

Focus Group 2

Accelerated Testing, Test Strategies and Reliability indicators

Drive from end users required

Harmonisation of databases & market testing – content?

Standard test regimes for technology classes

Use of Patric to target end users





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Report from Focus Groups

Focus Group 3

Collaboration / Business models for future initiatives

Service cluster concept to harmonise access to databases and secure funding (Caneus & EU) : key supporters Caneus, PATENT, Eurelnet, NEXUS : concept of front desk for all reliability services

Funding required to strengthen service providers

Market test amongst 1st Caneus end users

New STREP proposals in focussed areas (eg. PoF)





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Actions

Mailing List – new project creation

Engage end users

Attend smart systems event / Hannover fair

