

# Monitoring and Measurement Cluster MOME



Felix Strohmeier, Ulrich Hofmann  
Salzburg Research Forschungsgesellschaft mbH

Internet Infrastructure Cluster Meeting  
Brussels, September 17, 2003

# History

- | FP5 MOME Cluster:

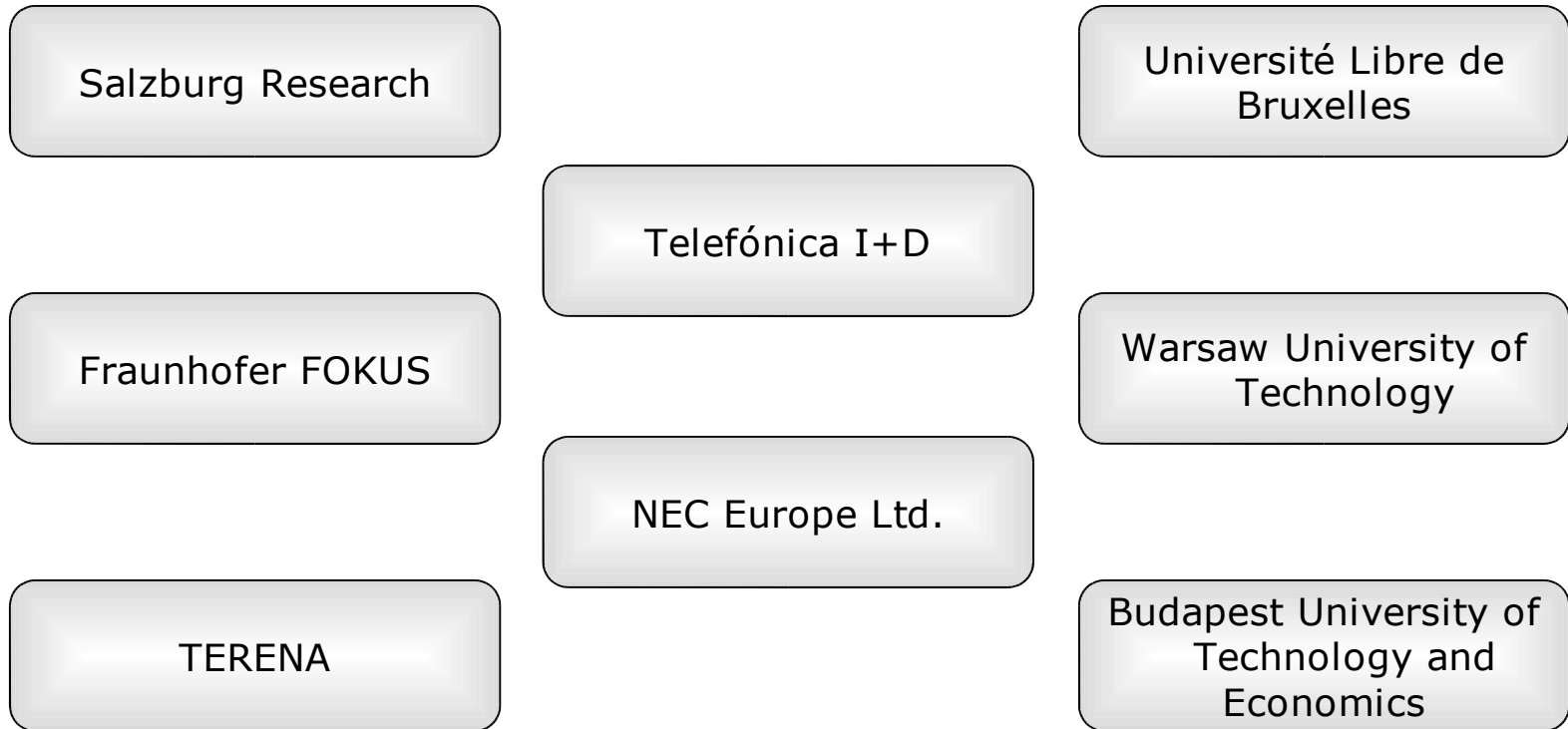


- | New Partners: SCAMPI, 6QM, NGNLAB
- | Starting Point for FP6 Proposal "MOME"
  - | Co-ordination Action
  - | Estimated runtime 2004 - 2005

# Motivation

- | Monitoring and Measurement
  - | issue in many (IST) projects
  - | similar approaches but different solutions
  - | redundancy in work
- | Interoperability
  - | communication between developed tools
  - | comparability of measurement results
- | Availability of Measurement Results
  - | only less public available
  - | scientific analyses on up-to-date measurement data
- | Support of Standardisation
  - | strength European position
- | Raise Awareness
  - | importance of monitoring and measurement components

# MOME Consortium



# MOME Services (1)

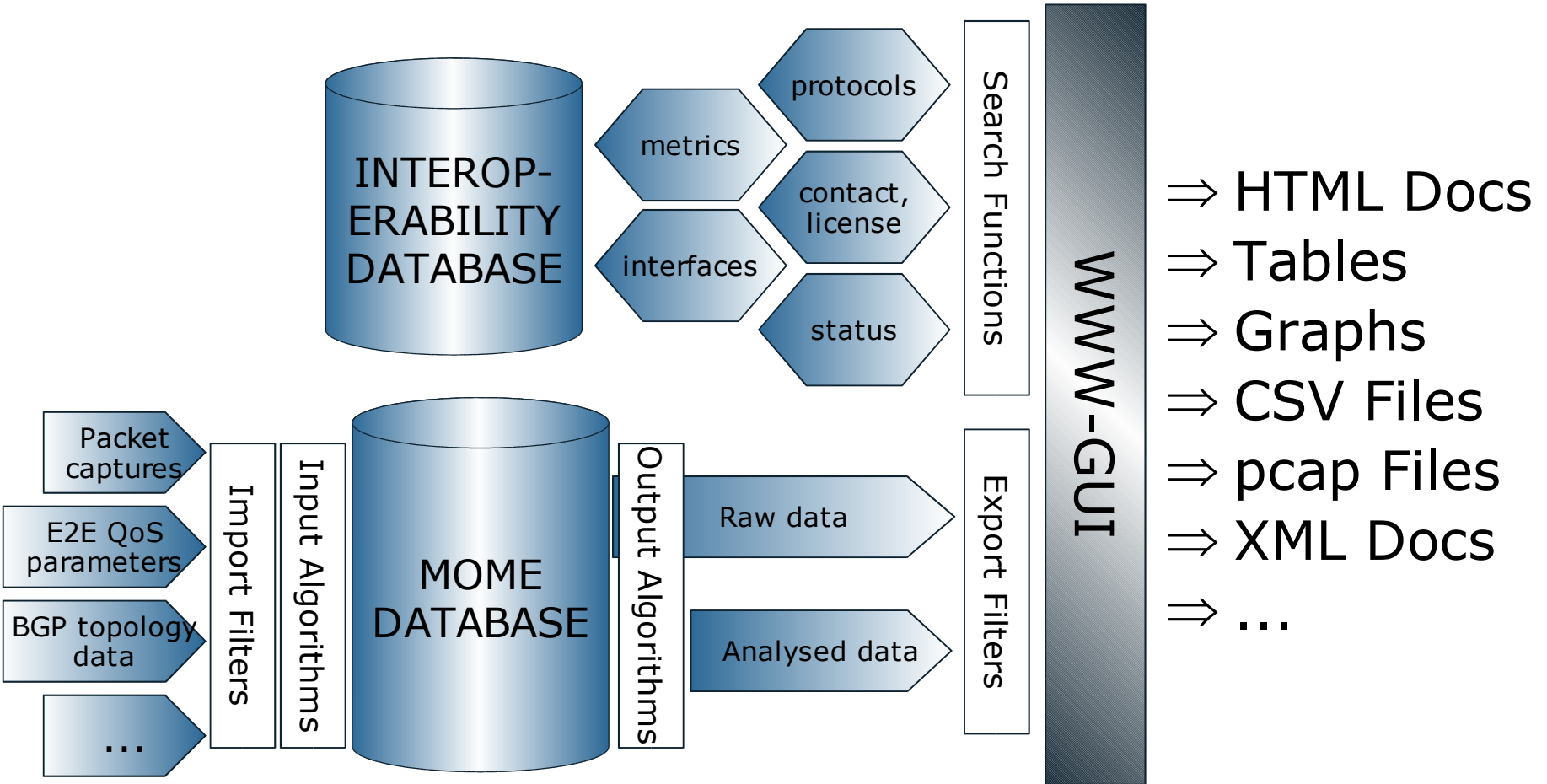
- | MOME-related Project Consulting
  - | support projects in design decisions
  - | provide recommendations for measurement components
  - | communicate lessons learned from other projects
- | Interoperability of Tools
  - | detect and utilise synergies
  - | perform interoperability tests
  - | continuously updated interoperability database
- | Standardisation Support
  - | identify opportunities (IETF/ITU-T/3GPP)
  - | collect and summarise standardisation issues
  - | establish contacts
  - | lectures on standardisation processes, policies and procedures
  - | standardisation plan
  - | support contributors (if requested)

## MOME Services (2)

- | MOME Database
  - | define, setup and maintain database
  - | provide infrastructure
  - | collect and distribute measurement data
- | Measurement Data Presentation
  - | different views via web-based user interface
- | Data Analysis Methods
  - | Statistical analyses of measurements
- | Workshop & Conference Organisation
  - | Public workshops
  - | Dedicated MOME sessions (TNC's)
- | Maintaining Web-Site & Mailing Lists
  - | upcoming events
  - | further news

- | Associated Projects
  - | current FP5 and upcoming FP6 IST projects
  - | IP measurement related
- | Info about Associated Projects
  - | measurement strategies
  - | measurement methodologies
  - | measurement tools
- | Measurement Data
  - | Packet captures (depersonalised, if required)
  - | End to end QoS parameters
  - | BGP routing data

# MOME Scenario





# Contacts

---

- | felix.strohmeier@salzburgresearch.at
- | ulrich.hofmann@salzburgresearch.at
  
- | updated soon: <http://www.ist-mome.org>