Sabine Roller, Stefan Wesner
wesner@hlrs.de

High Performance Computing Center Stuttgart (HLRS)

Unicore Summit, 31th August 2006

Project Data Sheet

- **Type of project:** Integrated Project
- **Project coordinator:** Mr. Santi Ristol

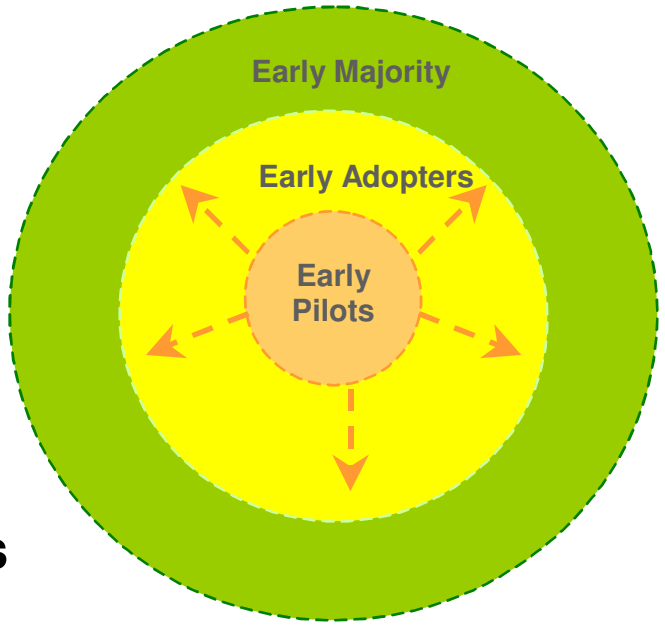
  santi.ristol@atosorigin.com
  (ATOS ORIGIN)
- **Project start date*:** 1st June 2006
- **Duration:** 42 months
- **Max EC contribution:** 15.7 M euros
- **Consortium:** 75 partners

The mission of BEINGRID is to Exploit European Grid middleware by creating a *toolset repository* of Grid services from across the Grid research domain and to use these services to deliver a set of *successful business experiments* that stimulate the early adoption of Grid technologies across the European Union.

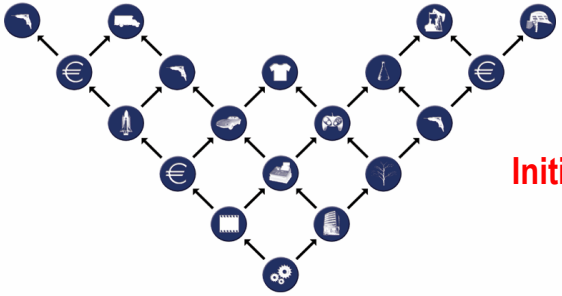
Grid Scene

- **Europe is a leading player in Grid research (upper layers)**
  - **As a result of FP5 and on-going FP6 IST Grid research, there has been significant number of software middlewares and tools.**
  - **GRID architectures solutions for enabling the management of distributed resources across multiple enterprises boundaries and creating collaborative environments (Virtual Organisations)**

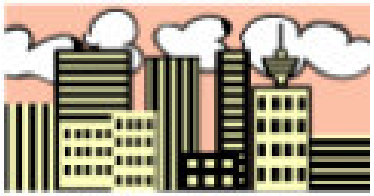
- **Grid technology is coming of age**
- **Future ICT in next decade will be dominated by service orientated architectures**
- **Grid is moving from research and academic use to a wider adoption by enterprise**
- **There is a market place for Grid services**



Grid Technology Adoption Life-cycle



BEinGRID bowling



Main Street

Initial Market

The Chasm

beingrid

Grid Science Computing

The tornado

Next Generation Grid Enterprise Applications

Service Oriented Utility for the Knowledge Economy

The Bowling Alley

Niche Marketing

Grid Enterprise Infrastructure (on-demand)

Innovators

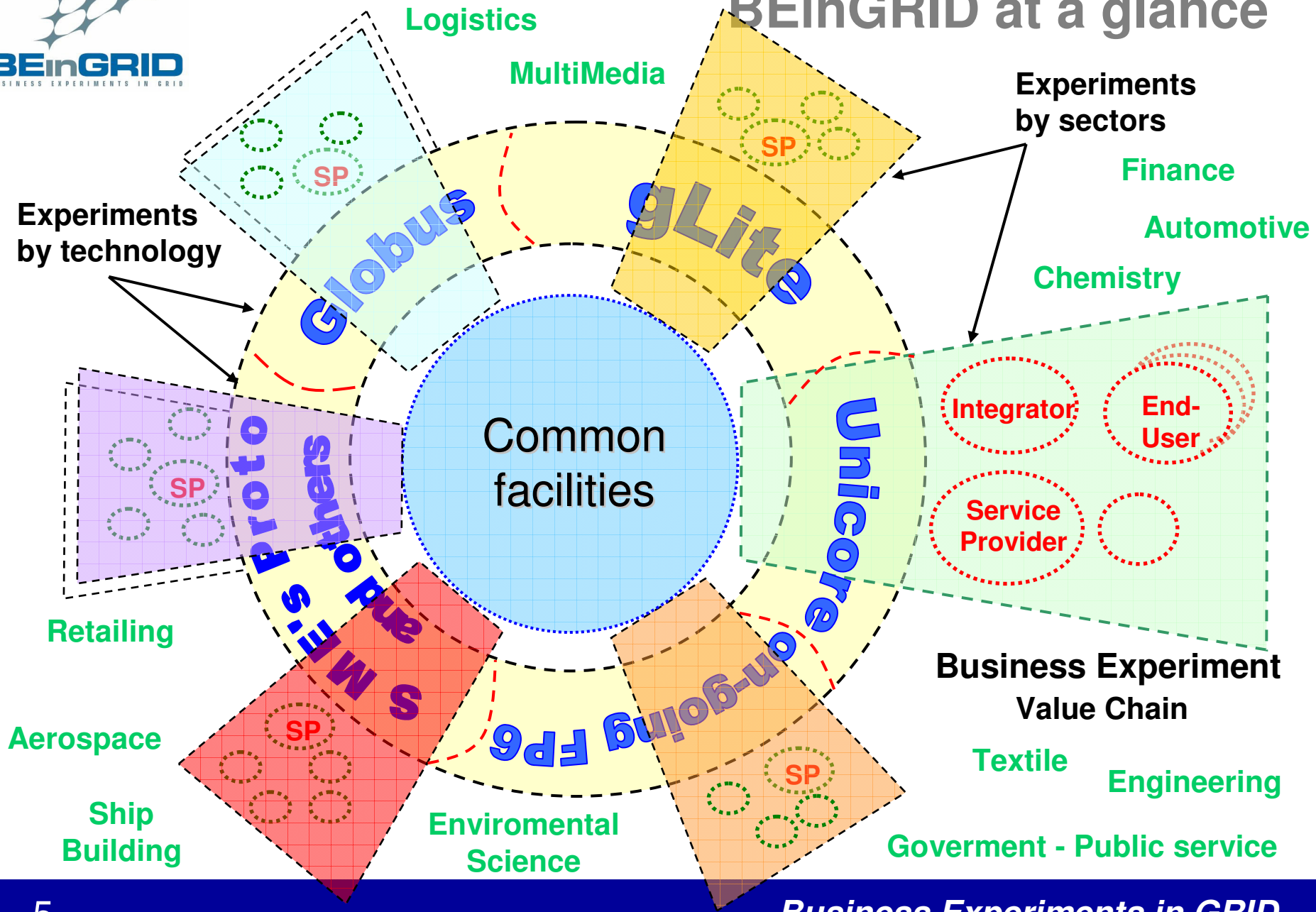
Early Adopters (visionaries)

Early Majority (pragmatics)

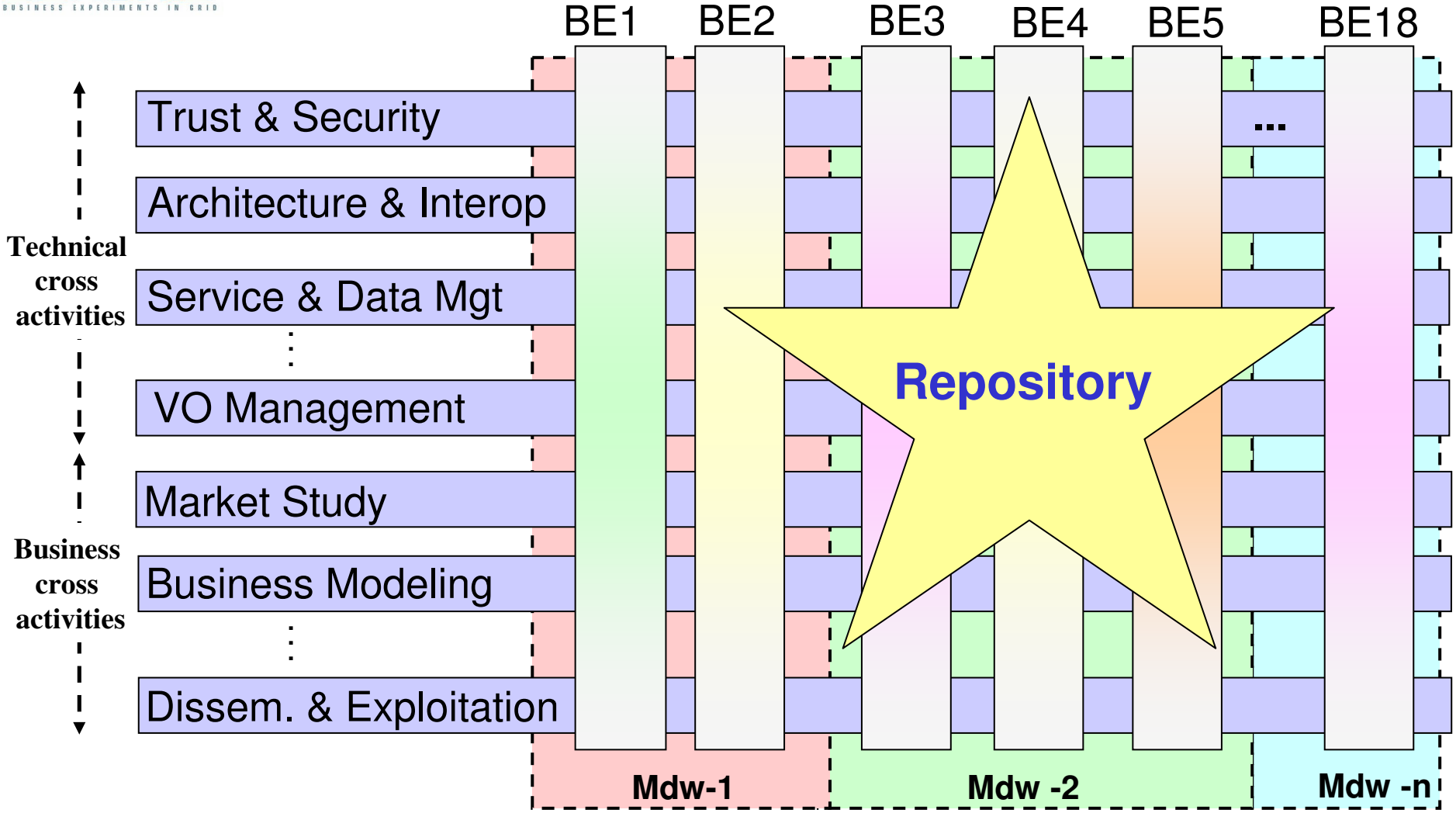
Late Majority (conservatives)

Laggards (skeptics)

BEinGRID at a glance



BEinGRID S&T Approach



Selected branches: GTv4, UNICORE/GS, g-Lite, GRIA, WS-*

Thank you for your attention