Frederic Gittler
HP Labs
Vice-Chairman NESSI Steering Committee

NESSI
From R&D to Competitiveness in Services
- **Software & Services: A very significant European market**
  - More than 215 B€ revenue – 4.4% growth in 2005, more than 6% expected in the 5 coming years
  - More than one million specialists

- **An engine for growth in Europe**
  - Software and Services have become a strategic capability

- **Technological changes**
  - A shift from Software products to Services
  - Increasing complexity and connectivity
  - A Need for large distributed and increasingly transparent systems
Transforming the Internet to service your life

... ensuring that services can be provided to all, citizens and businesses alike, in safe, secure, reliable, extensible, scalable environments
This evolution requires a service oriented environment

NESSI companies have recognised that no single company can or should harness the power of such an environment

NESSI is a partnership that will ensure the emergence of this environment allowing for

- Innovation
- Fast deployment
- Seamless access
Services Context

- Evolving service-oriented economy
- Flexible service-oriented businesses and public services
- Agile service-oriented collaborative business processes
- Adaptive services and service systems
- Adaptive service-oriented utility infrastructure

Aggregated information and knowledge accelerate economy evolution

Economy evolution and innovation drive IT adaptation
If only it could be so simple…

NESSI Framework

- Semantic Layer
- Service Integration Layer
- Infrastructure Layer

Security
Interoperability
Management Services
... but it is far richer
NESSI Working Groups (NWGs) are key to the future of NESSI...
NESSI Framework

NESSI Landscape (Business level Services)

Cross business Collaborations

Business Domain 1

Business Domain 2

Business Domain n

Architecture and Engineering

Regulatory Governance

NESSI Adoption

Business Services

Core Services

Infrastructure Layer

Service Integration Layer

Semantic Layer

Security Interoperability Management Services

Software Engineering

Service Engineering

Service-Oriented Infrastructure

Business Process Management

Adaptive Interactions

Services Sciences

Trust, Security, Dependability

Semantic Technologies

Software Engineering

Service Engineering

Service-Oriented Infrastructure

Business Process Management

Adaptive Interactions

Services Sciences

Trust, Security, Dependability

Semantic Technologies

Positions do not reflect layering relationship

NWG Operating

NWG In Formation

Situation as of October 19th, 2006
Thank you for your attention

www.nessi-europe.com

office@nessi-europe.com