



NWO Scientific Excellence and Innovation



**Kick-off NESSI
Roumania**



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The NWO logo, consisting of the letters 'NWO' in a stylized white font with a red swoosh above the 'O'.



Who am I?

- Program coordinator JACQUARD, the Software Engineering research program in the Netherlands
- Policy officer at NWO, Netherlands Organization for Scientific Research, the funding agency for excellent research
- Member of the IIP SaaS team, the Dutch platform for Software and Services



A short history of JACQUARD

- Proposal to begin a software engineering program in 2001
- Funding from several parties: NWO, Ministry of Economic Affairs, STW; flagship program CS
- In kind matching from industry and universities (20% / 20%)
- Strong commitment and backing from industry from the start
- Start in 2002 (First call)
- Five calls so far
- Fifth call this year: 2 Million euro, 5 projects





Research

- 21 projects, 5 new in Software Services
- Total of 14 m. budget
- More than 35 PhD students and post-docs
- Classical software engineering, information systems
- Four and fifth round: software as a service
- More multidisciplinary
- Academia and Industry meet on a regular basis



Goals

- Strengthen Dutch knowledge position in the field of software engineering and service engineering
- Involve industry in research
- Knowledge dissemination



Organization of the program

- Program committee (academia, businesses, financiers)
- Program office
- International assessment committee



Assessment Committee 2008



Netherlands Organisation for Scientific Research



Assessment committee 2010



Netherlands Organisation for Scientific Research



Program commission



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Young researchers



Netherlands Organisation for Scientific Research



IIP SaaS: the Dutch NESSI

- ICT-Innovationplatform Software as a Service since 2008
- Focus on: Service Engineering, Service Infrastructure and Service Transition
- Organize the community with a focus on cooperation across borders
- Make a direct link with NESSI (NESSI antenna)
- Create an SRA with the community and for the community of business, science and government (ready - available online)
- Create projects around SaaS by working with the community and lobbying for finance
- Close collaboration between JACQUARD and IIP SaaS



Goals IIP SaaS

- 8 year view towards the future (2008 – 2016)
- Important area's to create change
- Knowledge creation (Business/Academia collaboration)
- Innovation support (with technological institutions)
- Curricula (Service Architect)
- Community of professionals
- Dutch research and education have a leading role in Europe in the field of Software Services
- Education established in Service Engineering and Service Software on the Academic and Professional level
- World Class implementations of Software Services with economic success in Dutch businesses
- There exists a common platform for community and cooperation



Dutch Services sector and ICT

Strengths:

- High productivity level regarding services
- Worldwide leading companies within sectors like finance, logistics, media.
- Leading edge infrastructure
- People are open minded; acceptance of internet and related services is high
- Excellent knowledge institutes in important and relevant areas



Dutch services sector and ICT

Weaknesses:

- Not enough research in services science
- Cross sector cooperation by companies is limited
- Research and education not sufficiently integrated and focused in the services sector
- Limited ability to advance in productivity growth
- Leading and visionary role of large ICT companies regarding innovation is diminishing



Dutch Service Engineering Laboratory

The purpose of NSEL is to enhance research, development, testing and market introduction of new services and technologies. NSEL provides an environment in which existing services are available with their protocols and with the technologies which they support, as well sets of (fake) test data. Services which in real life require authorization and/or payment, can be made available in NSEL with various levels of protection and with various levels of pro-forma billing. NSEL serves as a testbed environment which allows to simulate gradual migration from services testing to product launch. NSEL also serves as an innovation environment which allows to simulate migration from today's internet to future internet.



- Thank you
- We stand open for suggestions for working together
- Success with the kick-off and the years to come

Thank you for your attention

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