



NETWORKED EUROPEAN
SOFTWARE & SERVICES
INITIATIVE

NESSI Open Source Panel

OSS 2008, Milan – 7th September 2008

Shane Coughlan – FSF Europe

Ernesto Damiani – University of Milan

Stefano De Panfilis – Engineering

Bjorn Lundell – University of Skovde

Grégory Lopez - THALES

Stephane Ribas – INRIA



- NESSI
- NESSI OSS WG
- NESSI OSS WG Work Packages

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Speaker	Organization	Role in NESSI
Shane Coughlan	FSF Europe	Contributor to NESSI OSS WG
Ernesto Damiani	University of Milan	Contributor to NESSI OSS WG
Stefano De Panfilis	Engineering	SRA and NEXOF coordinator
Bjorn Lundell	University of Skovde	Contributor to NESSI OSS WG
Grégory Lopez	THALES	NESSI OSS WG Leader
Stéphane Ribas	INRIA	NESSI OSS WG WP3 leader

NESSI European Technology Platform

- Aims to provide a unified view for European research in Services Architectures and Software Infrastructures
- Today, NESSI partners represent 1.7 Million strong workforce and 490 B€ in revenues



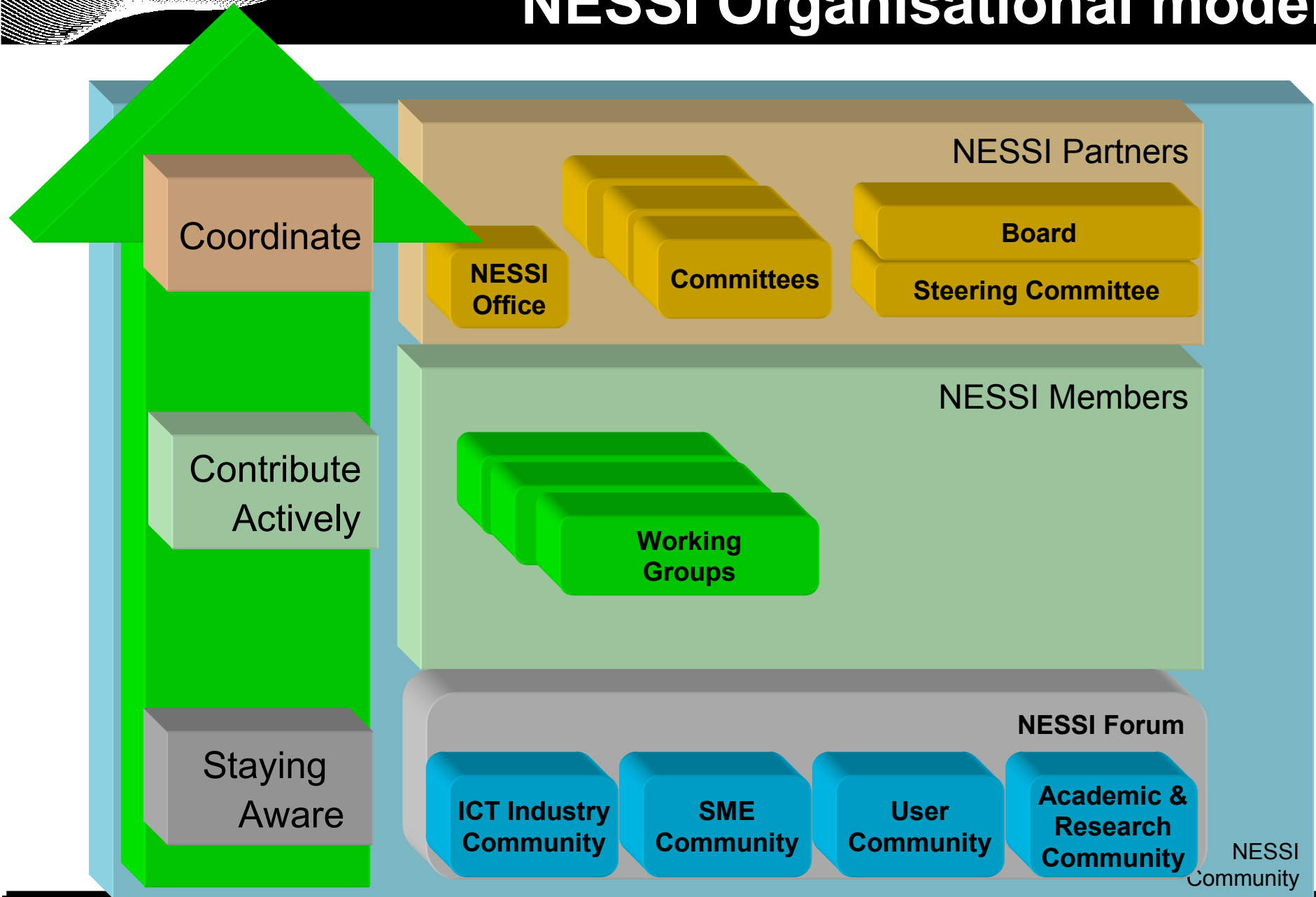
- Tools of NESSI
 - SRA
 - NEXOF

NESSI is about transforming the EU economy through Service Oriented business models

The NESSI Open Framework is an integrated, consistent and coherent set of technologies and associated methods and tools intended to

- **provide European Industry and the Public Sector** with efficient services and **software infrastructures to improve flexibility, interoperability and quality;**
- **master complex software systems and their provision** as service oriented utilities;
- **establish the technological basis, the strategies and deployment policies** to speed up the dynamics of the services eco-system;
- **develop novel technologies, strategies and deployment policies** that foster openness, through the increased **adoption of open standards and open source software** as well as the provision of **open services;**
- fostering **safety, security and the well-being of citizens** by means of new societal applications, enhanced efficiency of industry and administrations, and competitive jobs.

NESSI Organisational model



Catalytic role of OSS

- Creates needs for IT services hence the ground for a service business
- Transforms the software economy along 3 axes
 - Collaborative software engineering
 - Transparent technology access
 - Increased competition

NESSI is seeking to identify what are the orientations and the new perspectives given by OSS.

NESSI promotes openness and is dedicated to building solutions that can be used by anybody.

- NESSI
- NESSI OSS WG
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- Provide NESSI Working Groups and Strategic Projects with the support, help and inputs needed to resolve the main questions raised by Open Source within NESSI.
- Position Open Source as a major channel for the dissemination of NESSI outcomes.
- Promote integration of Open Source within NESSI platforms and services.
- Federate the Open Source actions in NESSI.

NESSI OSS WG participation

- Contribution is open to all.
- Open source communities or others organizations do not have to be registered as a NESSI member to participate.
- Participants are expected to be active in order to ensure effective consensus-building of the NESSI Open Source WG
 - Reading/responding to mailing list
 - Contribute to OSS WG outcomes
 - Participate in 30% of monthly teleconferences of the OSS WG
 - Participate in 50% face-to-face meetings

- A unique combination and mix of IT players, Industries, SMEs, Academics and OSS communities
 - Industries
 - ATOS Research, BT, Engineering, HP, SIEMENS, Telefonica I+D, THALES
 - SMEs
 - EBM Websourcing
 - Academic
 - INRIA, SINTEF, Universidad Politecnica de Madrid, Universidad Rey Juan Carlos, University of Hildesheim, University of Milan, University of Skovde, University of Szeged, Institute of System Programming, Russian academy of science
 - OSS Communities
 - COSS, FSF Europe, INES, Morfeo, OW2 Consortium

- Activities are open to new suggestions and contributions.

WP #	Work Package Title	Leader
1	NESSI OSS Strategy	ATOS
2	Delivering NEXOF	TID
3	Links with organizations	INRIA
4	Research and education	URJC
5	Funding opportunities	ENG
6	Licenses and business models	SINTEF
7	Dissemination	COSS, OW2
8	Management	THALES

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■ Objectives

- Define a strategy to support usage of OSS in NESSI

■ Tasks

- Analyse the strengths and weakness from the OSS industry
- Identify the issues to overcome, the problems to solve
- Position paper on the role of OSS in a service economy.
- Liaison with NESSI SRA committee to provide input

■ Objectives

- Promote integration of OSS in NESSI Reference platform and services
- Support Strategic Projects and WG in the assessment of the quality of OSS components through maturity models and tools.

■ Tasks

- Position paper on the role of OSS initiatives for delivering NEXOF
- Identification of OSS components matching NEXOF Reference Architecture
- Analysis of OSS components according to maturity model to support delivery of NEXOF open source implementation

■ Objectives

- Initiate synergies with others NESSI WG and Committees
- Promote results from other OSS EU projects (such as QualiPSo)
- Identification and assessment of the possible collaborations with National clusters in specific technological areas of interest to NESSI

■ Tasks

- Liaison with NESSI WG and committees
- Liaison with ETPs
- Liaison with OSS communities
- Liaison with european research projects (FP6/FP7)
- Liaison with national initiatives and clusters

■ Deliverables

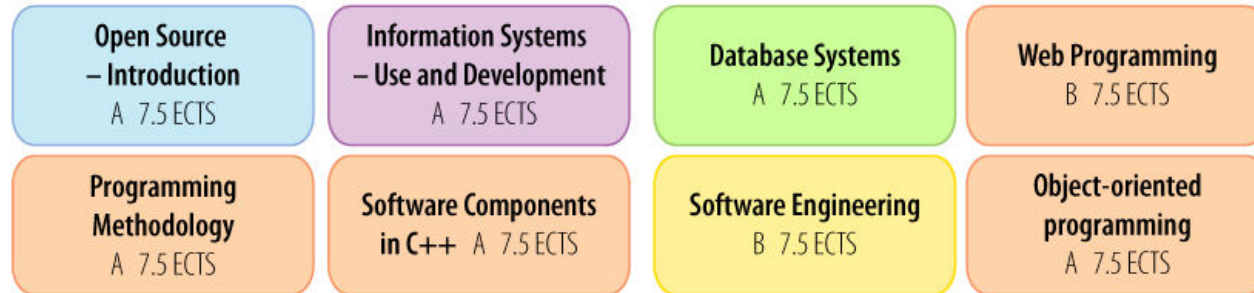
- List of cooperation topics related to WG and committees activities
- Strategic, technical and organisational analysis of relevant national initiatives, EU projects and OSS communities
- Description of cooperation opportunities according to NESSI WG and committees orientation

- Study of existing initiatives and proposals for OSS education and training
- Role of OSS in education?
 - Many Universities cover various aspects of OSS
 - OSS as a 'tool' and/or 'discipline'
 - Different focus and emphasis
 - 'Classical' OSS (in Computer Science/Software Engineering study programmes)
 - Open Source is multi-faceted and cross-disciplinary
 - 'Core' OSS or broader (e.g. Open Innovation, Open Standards, Open Content, ...)
 - Different levels (Ph.D., M.Sc., B.Sc., ...)
 - Specialised study programmes in some Universities

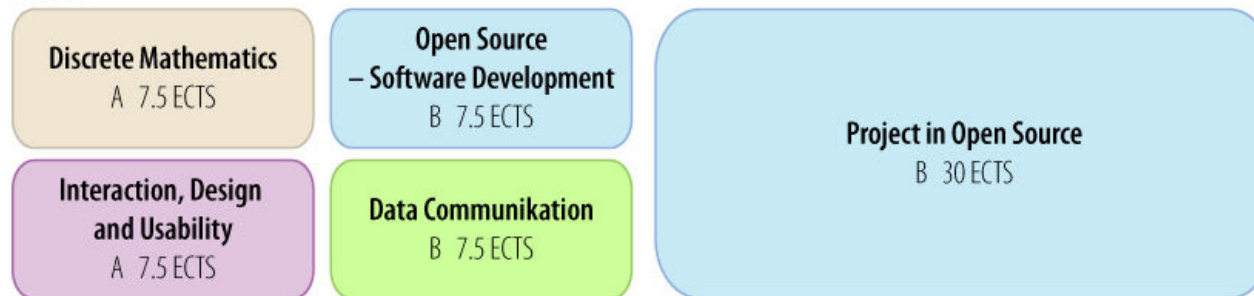
Example – an Open Source study programme

Open Source – Systems Developer 180 ECTS

Year 1



Year 2



Year 3



■ Objectives

- Find financing means to support the initiative

■ Tasks

- Analysis of funding opportunities at EU and national level
- Collect ideas for future project proposals

■ Objectives

- identify and resolve the main issues raised by OSS licenses within NESSI;
- define a licensing policy that is reusable by other WGs and strategic projects, and provide tool support to analyse and run compatibility checks of OSS licenses;
- analyse business models of software production or distribution related to the selected OSS licenses.

■ Tasks

- Analyse relevant OSS licences and projects;
- Define NESSI Open Source licensing policy;
- Identify Open Source business models.

■ Participants

- SINTEF (leader), INRIA, OW2, Siemens, COSS, EBM Websourcing, University of Hildesheim, FSF Europe

■ Objectives

- Effective promotion of NESSI OSS WG within and outside NESSI
- Networking with relevant organizations
- Information dissemination
- Attract new NESSI OSS WG members (and more)

■ Tasks

- Website
- Promotional material
- Events coordination in EU (INRIA), Asia (THALES), other...

■ Deliverables

- Logo
- Brochure
- Dedicated public web space on NESSI Website
- Dissemination plan

- NESSI OSS WG promotes and fosters OSS
- NESSI OSS WG proposes OSS vision for Europe
- NESSI OSS WG is the main entry point for OSS collaboration with NESSI

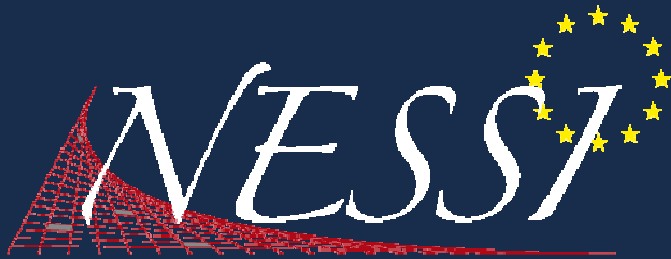
NESSI OSS WG is open to new contributions

Join us

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Open World
Open NESSI
Open Source

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