



NEXUS



The NEXUS Association

# NEXUS

**Sean Neylon, CEO of Colibrys  
(NEXUS Chairman)**

**Patric Salomon, 4M2C / enablingMNT  
(NEXUS Vice Chairman)**



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# NEXUS the core activities **old**

## USCs CLUBS

USC  
Pharmaceutical

USC  
Instrumentation  
&  
Process Control

USC  
Medical devices

USC  
Peripherals  
&  
Multimedia

USC  
Aerospace  
&  
Geophysics

USC  
Automotive

USC  
Telecom.

USC  
Household  
&  
Appliances

USC NEMS  
Nanotechnology

MWG  
Design &  
simulation

MWG  
Packaging

MWG  
Reliability &  
Test

## METHODOLOGY WORKING GROUPS

## TASKS & CORE ACTIVITIES

- **Product/Technology Road Map**
- **Market Investigations**
- **Benchmarking**
- **Strategic guidance**
- **W/E Europe exchanges**
- **International relations**
- **Research & technology**
- **Thematic workshops**
- **Standardisation**

REPORTS  
&  
DISSEMINATION



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## NEXUS USCs and MWGs

### Objective: establish **NEW** USCs and MWGs

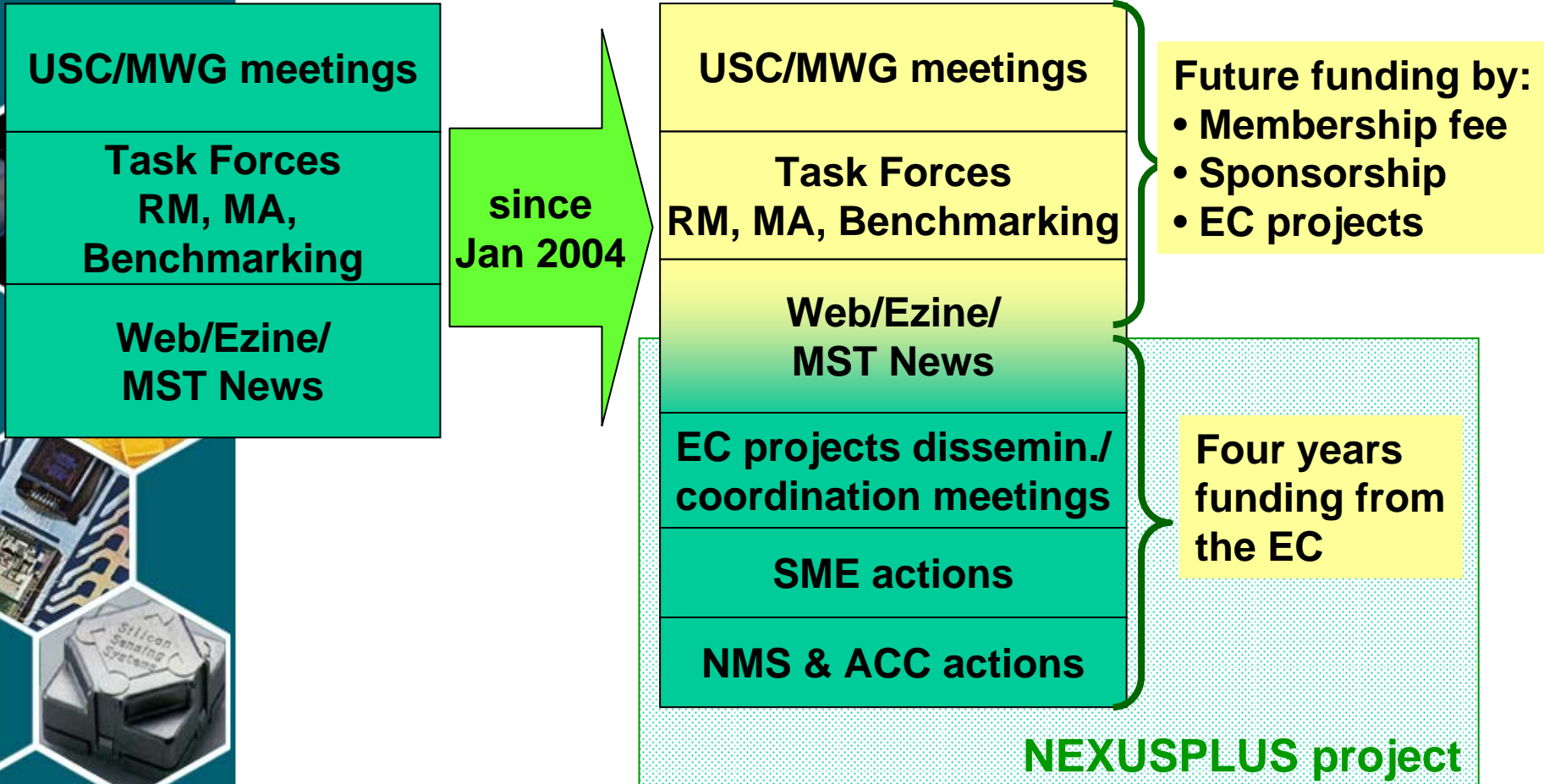
#### Benefits

- Run USC or MWG in co-operation with EC projects
  - Dissemination tool
  - Get strategic inputs; may work like advisory board
  - Roadmapping, Benchmarking
  - International relations
- USC or MWG to generate EC projects
  - Get European players to one table
  - Define strategy without the need for project involvement
  - Independent forum to prepare project
- USC or MWG as an independent forum to discuss MNT needs and initiatives
- Close collaboration with European Technology Platforms (ETP)



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# A funding and organisational challenge



# NEXUS History



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1993: Launched as a European Microsystems Network

1996: Move towards being driven by industry

2001: Launch of NEXUS Association

2003: Termination of general funding through the EC

2004: Start of NEXUSplus project to coordinate between EC MNT projects and help SMEs and Eastern Organisations

2005: New Steering Committee and Chairman

**2006:** Move of NEXUS office from Grenoble (France) to Neuchatel (Switzerland) and initiate new strategies in addition to NEXUSplus:

- Membership/Sponsor financed
- Initiate new User-Supplier Clubs and Methodology Working Groups
- Continue Market Report & Roadmapping in collaboration with others
- Be a focal point for national and regional MNT networks
- Foster close cooperation on international level



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# **NEXUS Microsystems Association Contact Information**

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## **NEXUS Steering Committee:**

**Sean Neylon, Colibrys (Chairman)**

**Patric Salomon, 4M2C PATRIC SALOMON GmbH (Vice Chairman)**

**Roberto della Marina, Olivetti Inkjet**

**Ayman El-Fatratry, BAE Systems**

**Carmen Moldovan, IMT Bucharest**

**Andrew Richardson, Lancaster University**

**Henning Wicht, Wicht Technologie Consulting**

**David Holden, CEA Leti**

**Jean-Pierre Dan, CSEM**

**NEXUS pages in MST News (bi-monthly magazine)**

**NEXUS E-zine (monthly Email newsletter)**

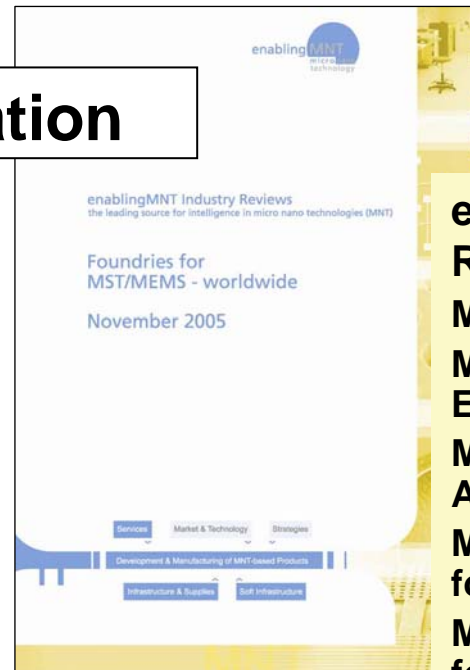
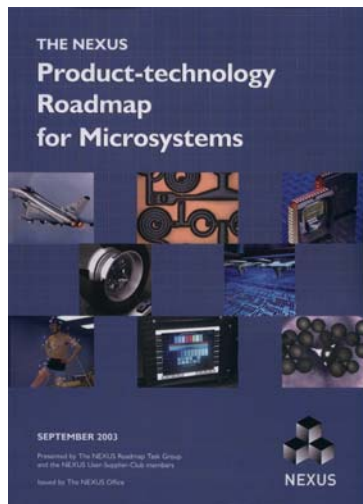
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**[NEXUS Presentation, Aug 2006, Patric Salomon, 4M2C PATRIC SALOMON GmbH](#)**

## All Reports - Further Information



### enablingMNT Industry Reviews:

- MST/MEMS Foundries**
- MST/MEMS Design & Engineering Companies**
- MST/MEMS Packaging & Assembly Providers**
- Manufacturing Equipment for MST/MEMS (front-end)**
- Manufacturing Equipment for MST/MEMS (back-end)**
- MNT Web Directories and On-line Communication Channels**
- Nanomanufacturing Equipment**
- Test & Measurement Services & Equipment**
- Processing Services**

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