



# **COST & MPNS**

**European Cooperation in Science and Technology  
& the Materials, Physics and NanoSciences Domain**

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**Science Officer (SO)**

Aug. 2011



# Presentation overview

- Introduction to COST
- MPNS Domain Scope & Portfolio
- COST Strategic Workshops & Conferences
- Action Dissemination



# COST Mission

COST enables break-through scientific developments leading to new concepts and products and thereby contributes to strengthen Europe's **research and innovation** capacities

COST is a unique means for European researchers to jointly develop their own ideas and new initiatives across all scientific disciplines through **trans-European networking** of nationally funded research activities.

COST Strategy June 2011  
*renewing our strengths ...*  
*... shaping our future*

COST CSO Document **COST 4157/11**

## Building the ERA

- Enhance research progress through creation of **new international networks**
- **Connect scientists** with policy-makers, governmental + regulatory bodies
- Foster **innovation** through technology transfer (academia, spin-offs, industry)
- Build **capacity** through inclusive participation (trans-disciplinary)



# A brief history

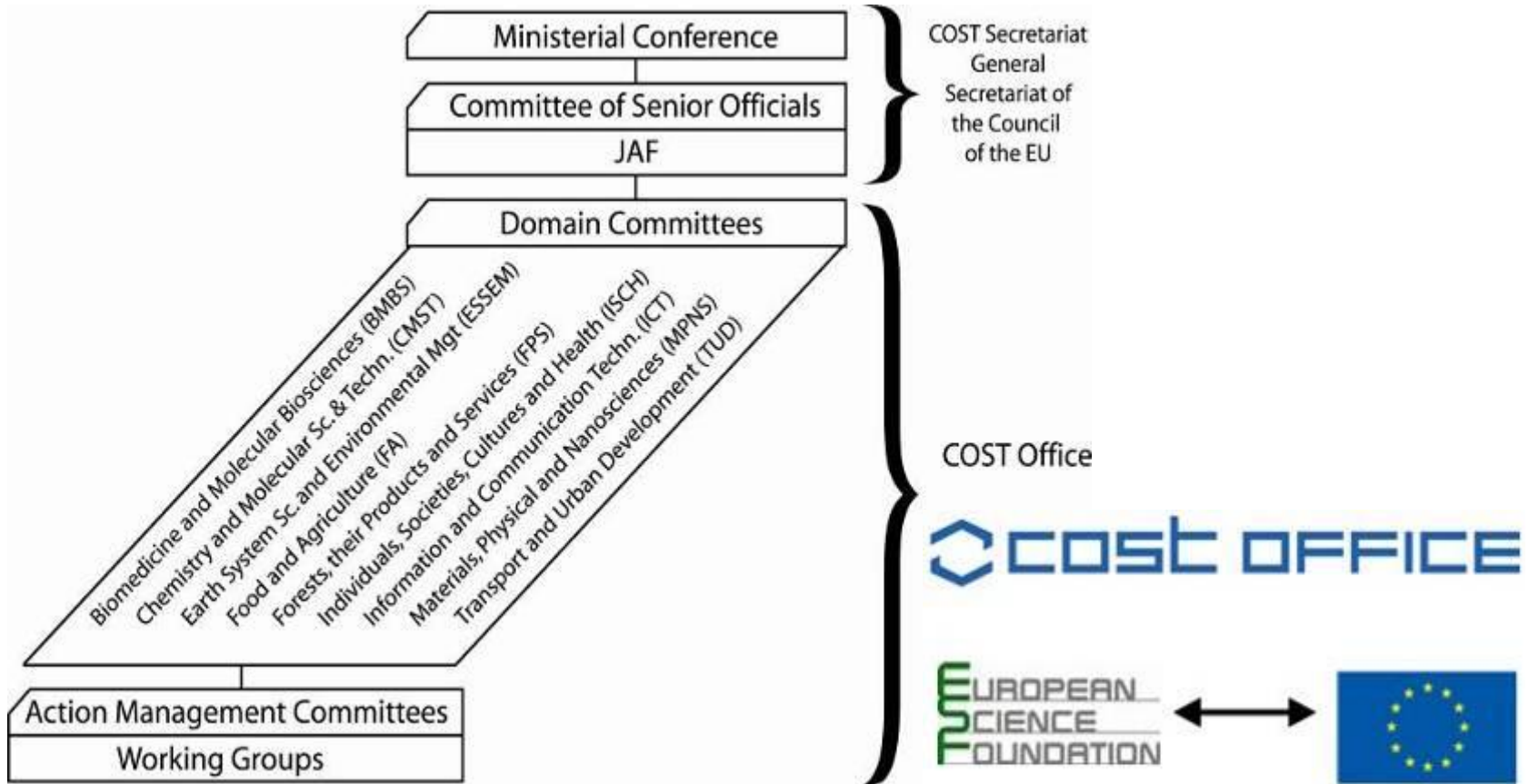
- Oldest and widest running European **intergovernmental** network for cooperation in research in Europe
- Established by Ministerial Conference of 19 European States in **1971**, Brussels, as a Framework for coordinating nationally funded research in Europe, pre-dates
- Predates 1974 European Science Foundation; 1983 First Framework Programme; 1985 Eureka Programme
- From 19 countries in 1971 to currently **36 COST countries** with 1 cooperating state & International organizations and research institutions from non-COST countries
- From 7 Actions in 1971 to over **270 Actions** running in 2010, networked research projects
- From 7 Domains in 1971 to **9 Domains plus a trans-domain**



# COST Features

- Open to global cooperation
    - mutual interest
  - Enabling Early Stage Researchers
  - Pan-European - intergovernmental
  - Light-weight administration
  - Flexible implementation
- Science driven topics “Bottom-up”
  - Inclusive - à la carte participation
  - Bridging research communities – multidisciplinary
  - Coordinating national research funding
  - Public utility - pre-normative research
  - Pre-competitive - technology - industry










# COST Structure



**EC Contract**

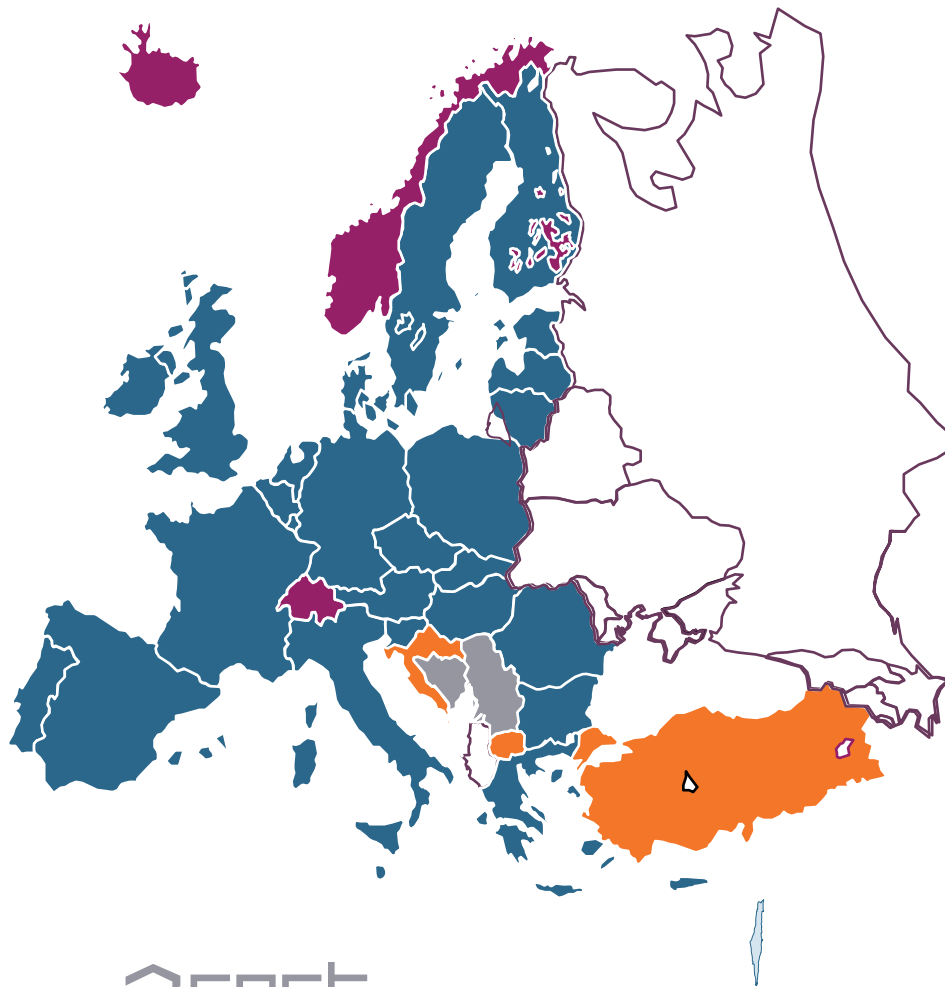
0.42% (210 MEUR of FP7)  
 or 0.49% (250 MEUR) since  
 June 2011

# 9 COST Domains

-  • Biomedicine and Molecular Biosciences (BMBS)
  -  • Chemistry and Molecular Sciences & Technologies (CMST)
  -  • Earth System Science & Environmental Management (ESSEM)
  -  • Food & Agriculture (FA)
  -  • Forests, their Products and Services (FPS)
  -  • Individuals, Society, Culture & Health (ISCH)
  -  • Information & Communication Technologies (ICT)
  -  • **Materials, Physics & Nanosciences (MPNS)**
  -  • Transport & Urban Development (TUD)
- + Trans-Disciplinary Proposals can be submitted to Open Calls



# COST Countries



## ■ The 27 EU Member States

## ■ EFTA Member States

- ▶ Iceland
- ▶ Norway
- ▶ Switzerland

## ■ EU Acceding & Candidate Countries

- ▶ Croatia
- ▶ Former Yugoslav Republic of Macedonia
- ▶ Turkey

## ■ EU Potential Candidate Countries

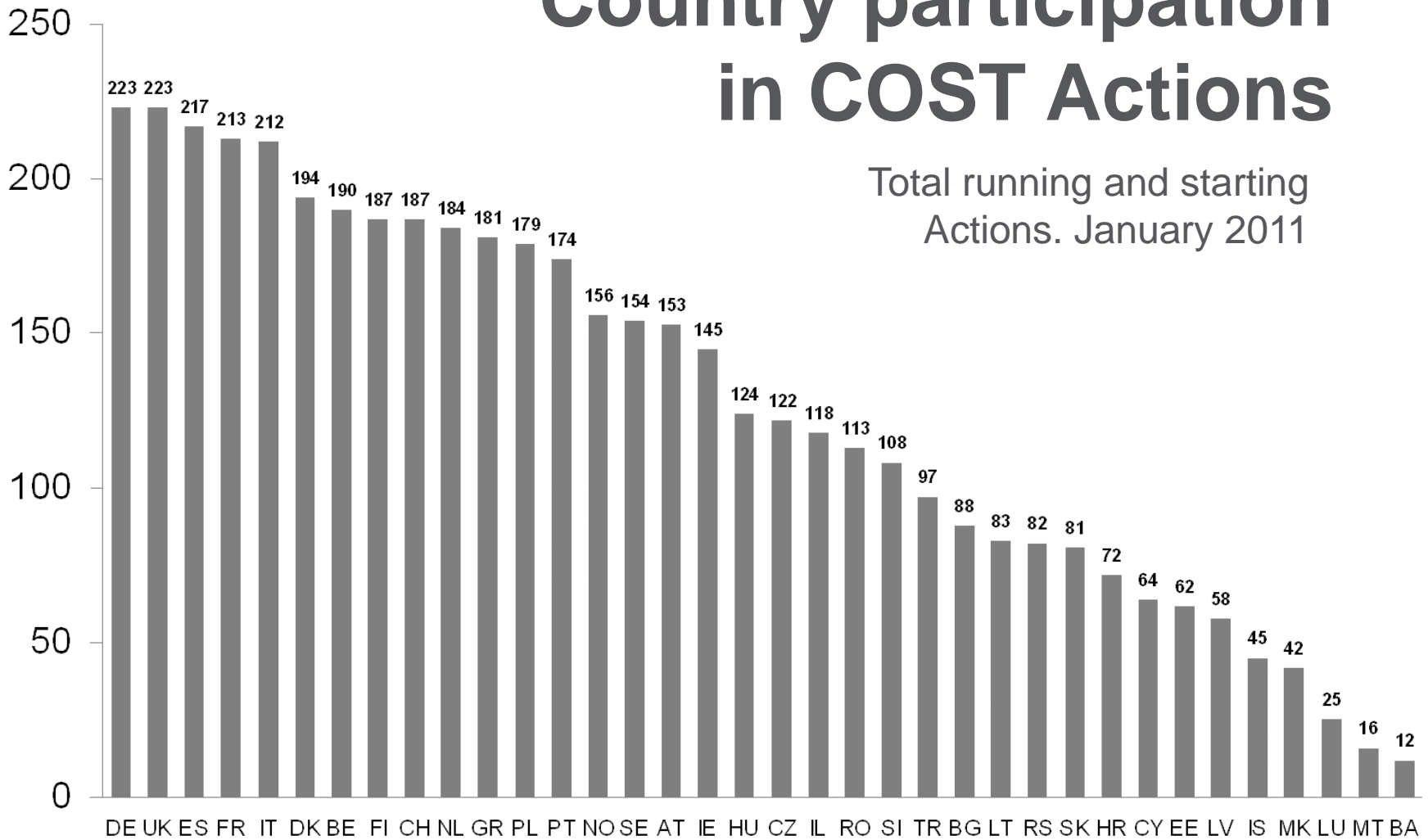
- ▶ Bosnia and Herzegovina
- ▶ Republic of Serbia

## ■ COST Cooperating States

- ▶ Israel

# Country participation in COST Actions

Total running and starting  
Actions. January 2011

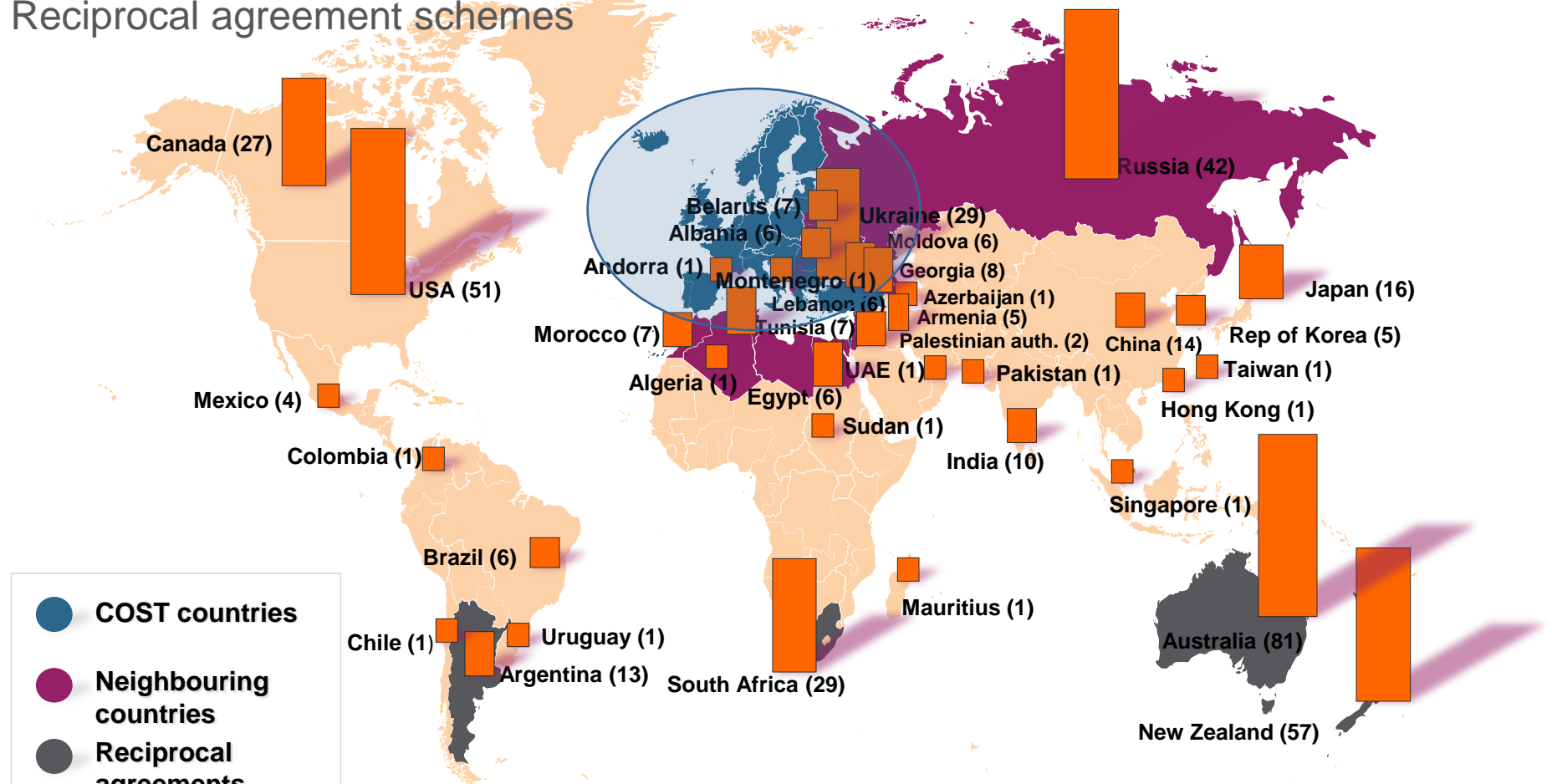


# COST Actions – Global participation

Special budget line to facilitate collaborations

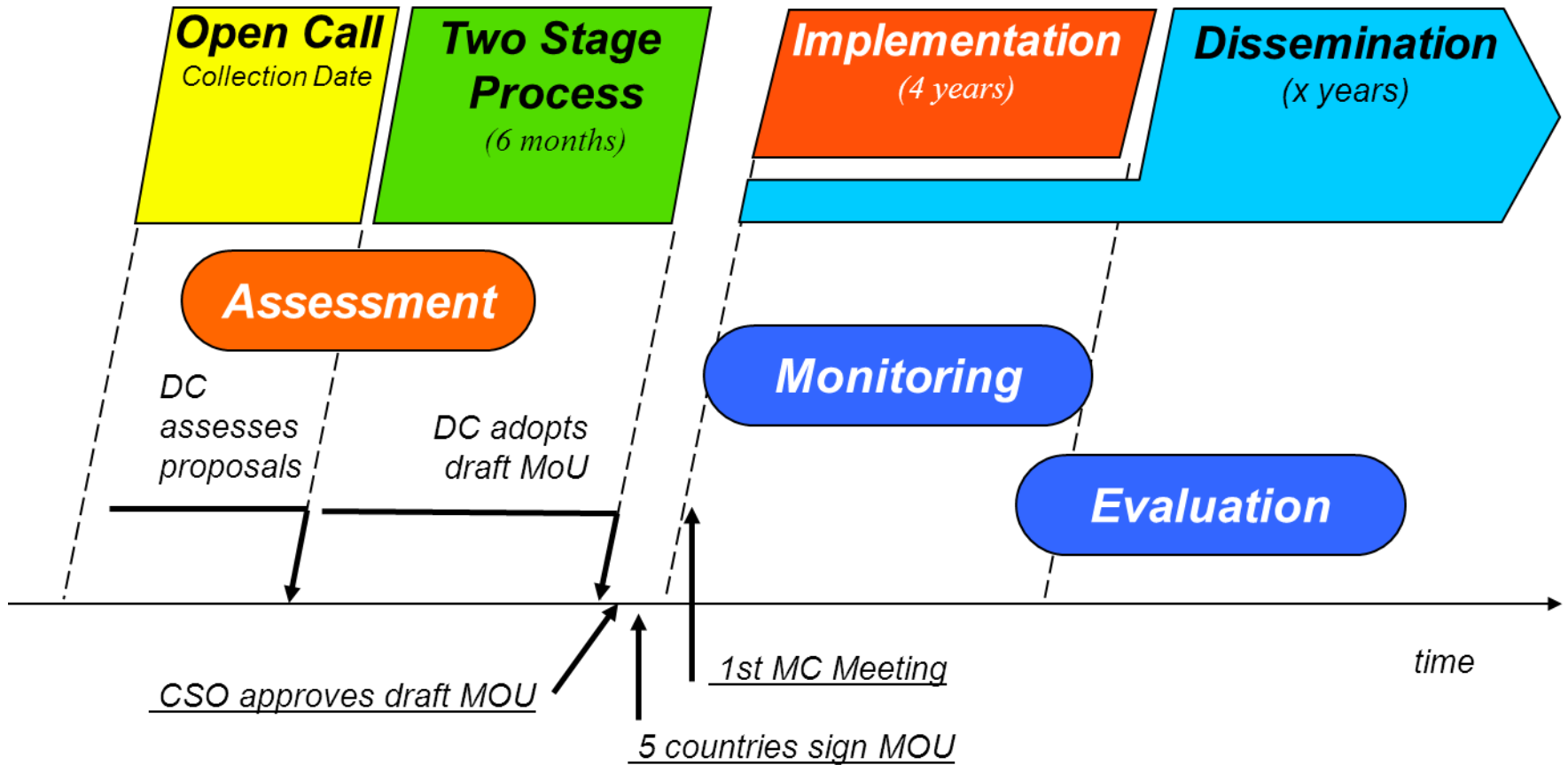
Near neighbour countries

Reciprocal agreement schemes



459 participations in 143 running Actions (38 countries) April 2011

# COST Action Life Cycle



# Assessment criteria – Preliminary Proposals

I.1	<b>RIGHT FOR COST?</b> Is COST the best mechanism for achieving the Action's objectives?	yes no r r r r r 6 5 4 3 2 1
I.2	<b>PUBLIC UTILITY/SCIENCE</b> Does the proposed Action address real current problems/ scientific issues?	yes no r r r r r 6 5 4 3 2 1
I.3	<b>INNOVATION</b> Is the proposed Action innovative?	yes no r r r r r 6 5 4 3 2 1
I.4	<b>IMPACT</b> Would the proposed network make a significant difference in terms of knowledge, capacity building, social impacts, etc?	yes no r r r r r 6 5 4 3 2 1
I.5	<b>NETWORKING</b> Are networking aspects well motivated and developed in the proposal?	yes no r r r r r 6 5 4 3 2 1
I.6	<b>PRESENTATION</b> Is the proposed Action presented in a clear, rational and understandable way?	yes no r r r r r 6 5 4 3 2 1

# Assessment criteria – Full Proposals

A	<p><b>SCIENCE AND NETWORKING</b></p> <p>Does the proposed Action address real current problems/scientific issues?</p> <p>Does the proposed Action show awareness of the state-of-the-art of the relevant scientific/technical/socio-economic fields?</p> <p>Is the proposed Action innovative?</p> <p>Does the proposed Action answer a need for the networking of experts in the field?</p>	Total = 32
B	<p><b>IMPACT</b></p> <p>A COST Action may make impacts in various valuable directions. This Action mainly aims at impacts in : (1) meeting European economic or societal needs [YES] [NO] If YES go to B.1A (2) developing the scientific or technological field [YES] [NO] If YES go to B.1B (3) both (1) and (2) [YES] [NO] If YES go to B.1C</p> <p>Are there clear plans for stimulating the production of high quality outputs?</p> <p>Is attention given to the involvement of stakeholders in order to increase the potential application of results (including, where appropriate, fostering their commercial exploitation)?</p>	24
C	<p><b>STRUCTURE AND ORGANISATION</b></p> <p>Is the proposal presented in a clear, convincing, and appropriate way?</p> <p>Are the workplan and organisation appropriate?</p> <p>Are the time schedule and the setting of milestones appropriate?</p> <p>Are appropriate plans made for monitoring and evaluating the achievement of objectives?</p>	16
D	<p><b>CONTRIBUTION TO WIDER COST GOALS</b></p> <p>How well does the proposed Action aim to involve early stage researchers?</p> <p>How well does the proposed Action aim at gender balance?</p> <p>Does the proposed Action have the potential to contribute to the solution of global challenges in a global dimension?</p>	3

# COST Action



- Network of (nationally) funded projects
- Based on a joint work programme for 4 years
- At least 5 countries (average 20 countries)
- Across 9 Domains or interdisciplinary (trans-domain)
- COST funds networking activities



# COST Action activities

- Science management meetings
- Working Group meetings
- Scientific workshops & seminars
- Training schools
- Scientific Exchange Visits (STSMs)
- Dissemination + publications

*Exploratory + strategic Workshops: to explore future scientific or societal needs, support policy developments or stimulate innovative activities*



# COST – Statistics 2010



- 269 COST Actions
- > 1000 scientific workshops and meetings > 30 000 participants
- 1250 STSMs ~ 3 weeks
- > 90 Training Schools > 1200 participants
- > 100 high ranking publications

# COST Vision



- Develop into THE research networking instrument for the ERA
  - Bottom-up – complementary to EU FP
  - Trans-disciplinary – stimulate innovative research
  - Pre-competitive – attractive for companies
  - Flexible – suit researchers' creativity
  - International – open to the world
  - Strategic – connect with member states' strategies (JPIs, early weak signals)
  - Efficient – best practice in network funding
  - Inclusive – entry for ESRs, à la carte participation



# Materials, Physics & Nanosciences Domain (MPNS) [http://www.cost.eu/domains\\_actions/mpns](http://www.cost.eu/domains_actions/mpns)

- Description: The Domain is home to material science, extending from conception through to production including characterization, examination, evaluation, fabrication and development, to actual application and service, as well as related databases, codes, standards and inspections. The Domain thus also incorporates nanomaterials and nanosciences and the nanotechnological applications thereof. It also supports exploratory basic and applied research in physics, theoretical and experimental, as a key to understanding the laws governing the behaviour of matter and energy.
- History:
  - 1971 Domain “Materials”; 1997 Domain “Physics” ; 2006 Domain MPNS; 2010 Materials, Physical & Nanosciences became Materials, Physics & Nanosciences
- Sept. 2011 - 23 running MPNS Actions, 5 on standby

# MPNS Domain Scope

- **New developments in industrial technology** requiring the development, characterisation and production of new materials and providing solutions for sectors such as energy, transport, telecommunications, informatics and health. **Example Action** [MP0602 Advanced Solder Materials for High Temperature Application \(HISOLD\)](#)
- **Technology-Driven Physics** underpinning many industries and technological processes and contributing to the development of new materials and a broad variety of new devices for areas such as optics and plasma or surface physics. **Example Action** [MP0804 Highly Ionised Pulse Plasma Processes](#)
- **Physics and the Human Condition** for Actions studying the relationships between physics and the environment, medicine or biology. **Example Action** [MP1002 Nano-IBCT– Nanoscale Insights into Ion Beam Cancer Therapy](#)
- **Emerging Technologies** in the hydrogen, solar and bio- related sectors, which also trigger innovative progress in conventional sectors such as power generation, transport, aerospace and lighting. **Example Action** [543 Research and Development of Bioethanol Processing for Fuel Cells \(BIOETHANOL\)](#)

# MPNS Domain Scope

- **Cultural Heritage** in which the most fundamental questions as to the structure of matter, birth of the universe and the origin of life are considered in addition to Actions focusing on the restoration and conservation of ancient architecture, the built environment and historical artifacts. **Example Action IE0601 Wood Science for Conservation of Cultural Heritage (WoodCultHer)**
- **Multidisciplinary Research:** The Domain maintains close interaction with other COST Domains on wide-ranging issues such as the environment, global warming and social aspects of nanotechnology. By recognising the huge potential of Nanosciences in such different areas, the Domain encourages multidisciplinary Actions and cooperates especially closely with BMBS, CMST and ICT. Therefore, new ideas and initiatives are welcome as well as those with high interdisciplinary elements and close links and overlaps with other Domains. **Example Action TD0906 Biological Adhesives: From Biology to Biomimetics**

# MPNS COST Actions

## ending 2012-2013

- *MP0701 | Composites with Novel Functional and Structural Properties by Nanoscale Materials (Nano Composite Materials-NCM)*
- *MP0801 | Physics of Competition and Conflicts*
- *MP0802 | Self-assembled Guanosine Structures for Molecular Electronic Devices*
- MP0803 | Plasmonic Components and Devices
- MP0804 | Highly Ionised Pulse Plasma Processes
- MP0805 | Novel Gain Materials and Devices Based on III-V-N Compounds
- MP0806 | Particles in turbulence
- MP0901 | Designing Novel Materials for Nanodevices - from Theory to Practice (NanoTP)
- MP0902 | Composites of Inorganic Nanotubes and Polymers (COINAPO)

# MPNS COST Actions ending 2014-2015

- MP0903 | NANOALLOY – Nanoalloys as Advanced Materials: From Structure to Properties and Applications
- MP0904 | SIMUFER: Single- and Multiphase Ferroics and Multiferroics with Restricted Geometries
- MP0905 | Black Holes (BH) in a Violent Universe
- TD0906 | Biological Adhesives: From Biology to Biomimetics
- MP1002 | Nano-IBCT– Nanoscale Insights into Ion Beam Cancer Therapy
- MP1003 | ESNAM – European Scientific Network For Artificial Muscles
- MP1004 | Hybrid Energy Storage Devices and Systems for Mobile and Stationary Applications (Hybrid-ES)
- MP1005 | From nano to macro biomaterials (design, processing, characterization, modeling) and applications to stem cells regenerative orthopaedic and dental medicine (NAMABIO)
- MP1006 | Fundamental Problems in Quantum Physics (FPQP)
- TD1007 (MPNS, CMST, BMBS) | Bimodal PET-MRI molecular imaging technologies and applications for in vivo monitoring of disease and biological processes

## oc-2010-2, New Actions

- MP1101 - Biomedical Applications of Atmospheric Pressure Plasma Technology
- MP1102 - Chemical imaging by Coherent Raman microscopy (microCoR)
- MP1103 - Nanostructured materials for solid-state hydrogen storage
- MP1104 - Polarization as a tool to study the Solar System and beyond
- TD1103 (MPNS, CMST, BMBS) - European Network for Hyperpolarization Physics and Methodology in NMR and MRI

For details see Action websites

[http://www.cost.eu/domains\\_actions/mpns/Actions](http://www.cost.eu/domains_actions/mpns/Actions)



# MP1101 Biomedical Applications of Atmospheric Pressure Plasma Technology

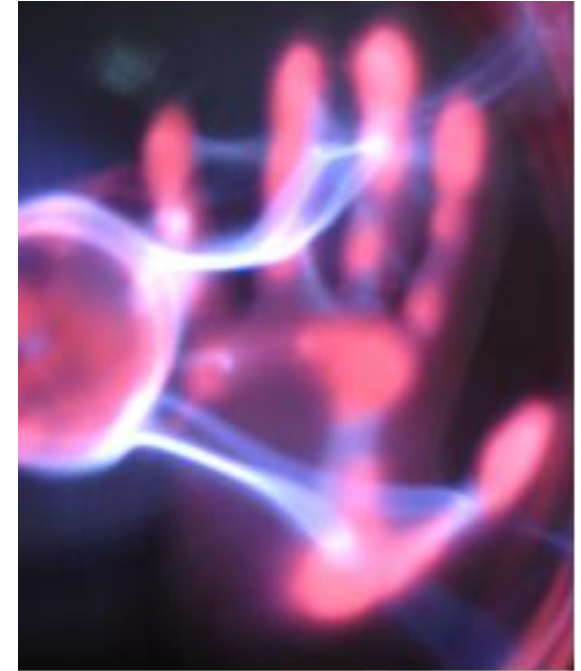
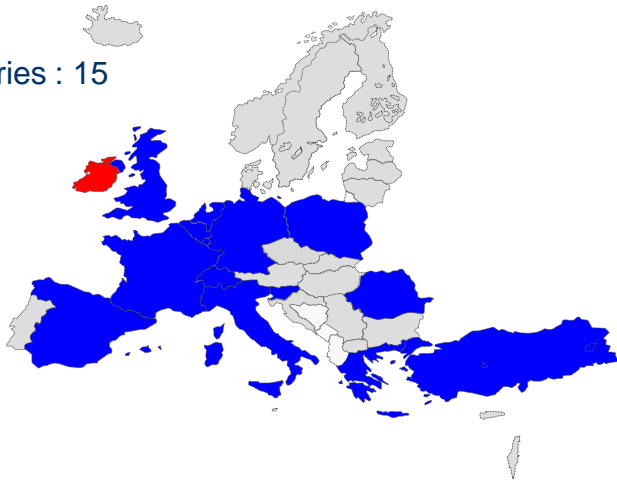
## Objective

to promote research on and use of medical and biomedical applications of atmospheric pressure plasma technology

Interested Countries : 15

Proposer : **IE**

BE, CH, DE, ES,  
FR, GR, IE, IT,  
LU, NL, PL, RO,  
SI, TR, UK



- |     |  |
|-----|--|
| WG1 | Plasma therapeutics                        |
| WG2 | Functional coatings for biomaterials       |
| WG3 | Bio-plasma interactions                    |
| WG4 | Plasma sources for biomedical applications |

Non-COST participation: AU, CA, JP, RU, US

# MP1102 Chemical imaging by Coherent Raman microscopy (microCoR)

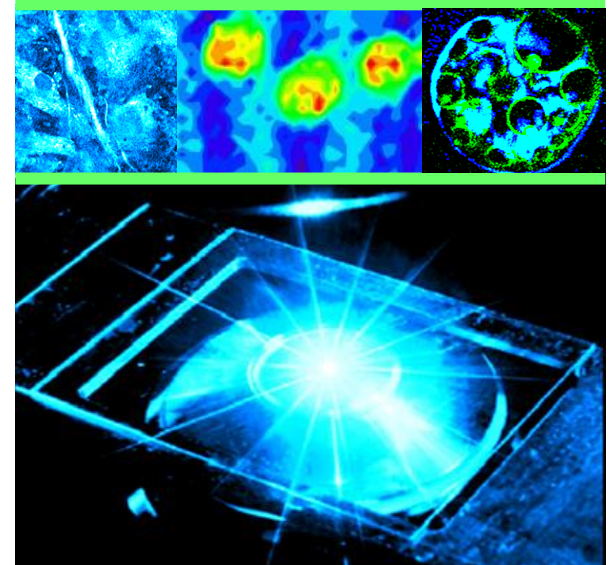
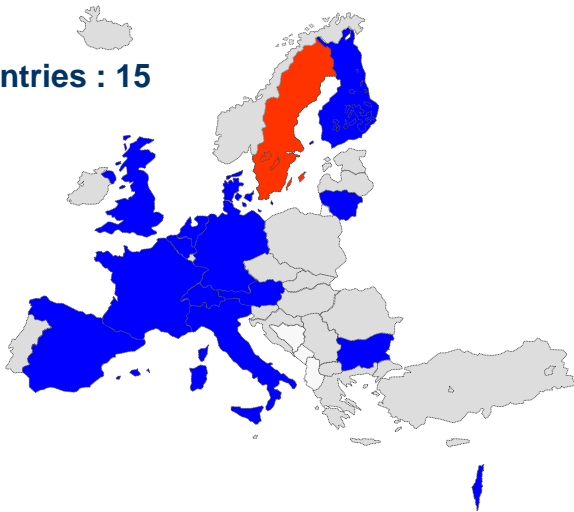
## Objective

to establish active scientific exchange between European experts for the development and use of Coherent Raman (CoR) microscopy

Interested Countries : 15

Proposer : **SE**

AT, BE, BG,  
CE, DE, DK,  
ES, FI, FR, IL,  
IT, LT, NL, SE,  
UK



- |     |  |
|-----|--|
| WG1 | Fundamentals and technical development                       |
| WG2 | Applications within the material-nano- and chemical-sciences |
| WG3 | Applications within the bio- and life sciences               |

# MP1103 NANOSTHYS - Nanostructured Materials for Solid-State Hydrogen Storage

## Objective

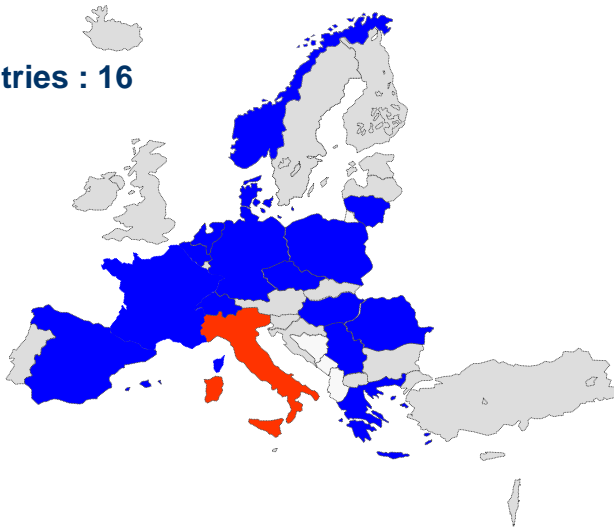
to develop innovative nanostructured materials that meet the targets for practical Solid State Hydrogen Storage for their adequate implementation in stationary and transport applications



**Interested Countries : 16**

**Proposer : IT**

BE, CH, CZ, DE,  
DK, ES, FR, GR,  
HU, IT, LT, NL,  
NO, PL, RO, RS



Non-COST participation: AU, CA, IN

WG1	Synthesis of novel materials with optimized properties
WG2	High resolution and high sensitivity characterization of atomic level structure and of microstructural features
WG3	Characterization of hydrogen storage properties both at the laboratory and at the scale of prototype tanks
WG4	Computational modeling of processes relevant to SSHS

# MP1104 Polarization as a tool to study the Solar System and beyond

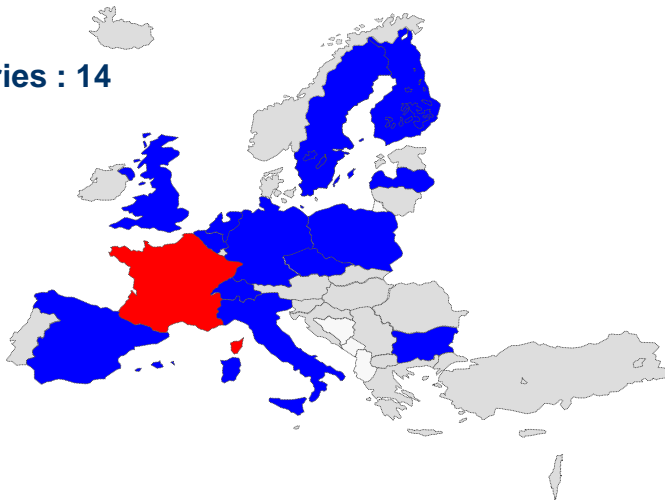
## Objective

to promote polarimetry to advance knowledge about astrophysical objects within the Solar System and beyond

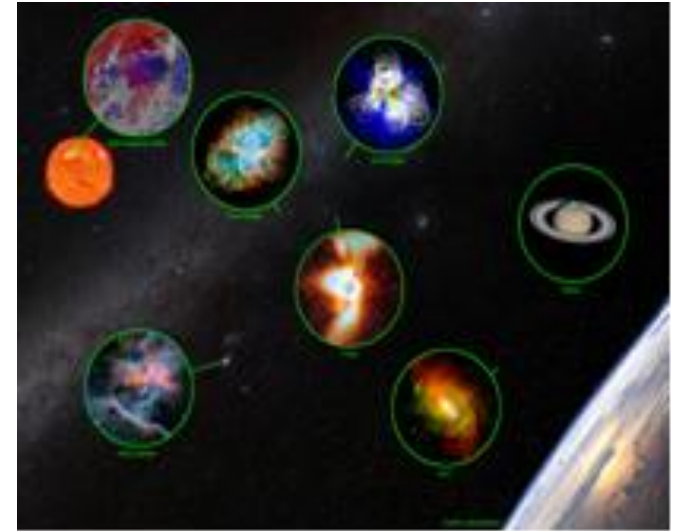
**Interested Countries : 14**

Proposer : **FR**

BE, BG, CH, CZ,  
DE, ES, FI, FR, IT,  
LV, NL, PL, SE,  
UK



Non-COST participation: ZA, AR, UA, US



WG1	Theory and modeling
WG2	Observations
WG3	Instrumentation
WG4	Experimentation

# TD1103 European Network on Hyperpolarization Physics and Methodology in NMR and MRI

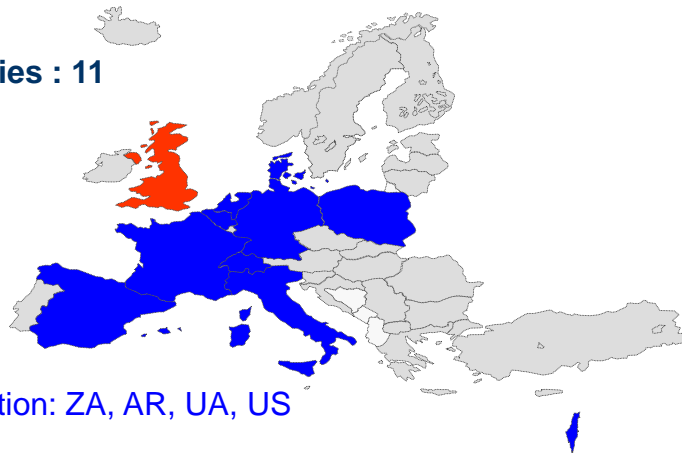
## Objective

to develop and optimize robust strategies for the generation of spin hyperpolarization that provide a dramatic sensitivity increase of NMR techniques for a wide range of applications including medical diagnostics, molecular dynamics and structural investigations of biomolecules

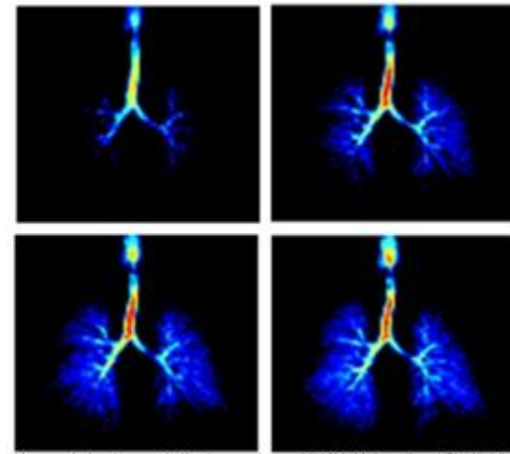
**Interested Countries : 11**

**Proposer : UK**  
BE, CH, DE, DK,  
ES, FR, IL, IT, NL,

PL, UK



Non-COST participation: ZA, AR, UA, US



Hyperpolarized gases in the human lungs (J.Wild, University of Sheffield)

- |     |   |
|-----|---|
| WG1 | Hardware and instrumentation for hyperpolarization  |
| WG2 | Theoretical understanding of hyperpolarization strategies                                     |
| WG3 | Strategies to minimise the effect of relaxation on spin hyperpolarization                     |
| WG4 | Strategies to maximise the information that can be acquired using hyperpolarized spin systems |
| WG5 | Synthetic chemistry - physics interface in hyperpolarization methodology                      |



## oc-2010-2, New Actions on *standby*

- **MP1105** - Sustainable flame retardancy for textiles and related materials based on nanoparticles substituting conventional chemicals. (Acronym : FLARETEX)
- **MP1106** - Smart and green interfaces - from single bubbles and drops to industrial, environmental and biomedical applications (SGI)

For details see Action websites

[http://www.cost.eu/domains\\_actions/mpns/Actions](http://www.cost.eu/domains_actions/mpns/Actions)

Contact your CNC to join the MC

1<sup>st</sup> MC and Kick-Off meetings in May 2012

# MP1105 FLARETEX

Sustainable flame retardancy for textiles and related materials based on nanoparticles substituting conventional chemicals

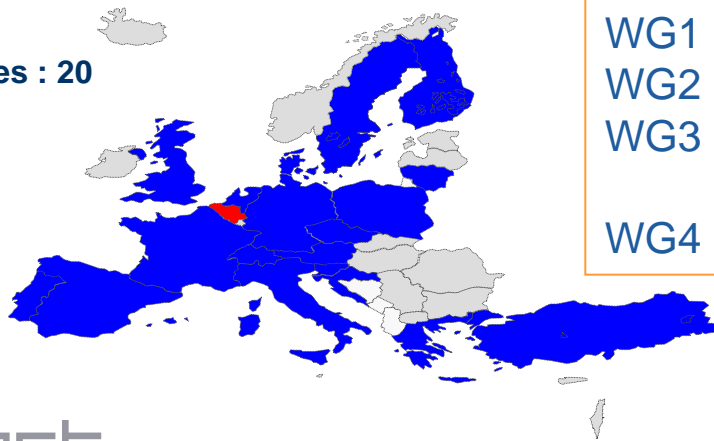
## Objective

to form a European multidisciplinary Knowledge Platform on Sustainable Flame Retardancy to facilitate the rapid development of fire safe textiles and related materials of low toxicity and ecotoxicity, using all the available technologies.



Interested Countries : 20

Proposer : **BE**  
AT, CH, CZ, DE,  
DK, EL, ES, FI, FR,  
HR, IT, LT, NL, PL,  
PT, SE, SI, TR, UK



WG1	Novel Flame Retardants
WG2	Toxicological/environmental aspects
WG3	Processing/Applications/ Commercialisation
WG4	Testing/Standardisation

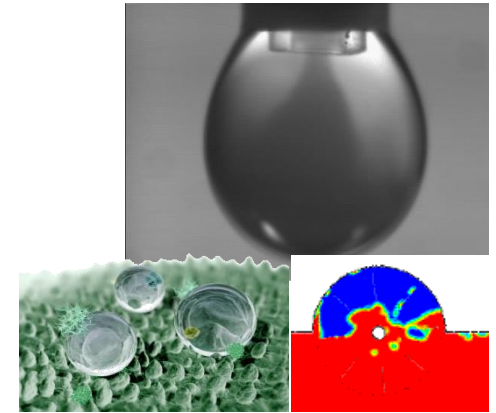


# MP1106 SGI

Smart and Green Interfaces: from single bubbles/drops to industrial/environmental/biomedical applications

## Objective

to organize a Europe-wide interdisciplinary cooperation platform directed towards scientific added value and improvement of applications concerning highly efficient, adaptive, selective and eco-friendly interfaces.

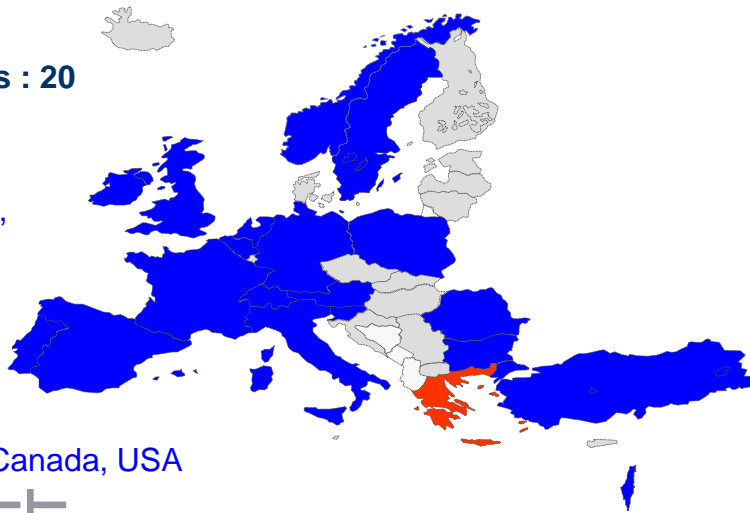


Interested Countries : 20

Proposer : GR

AT, BE, BG, CH, DE,  
ES, FR, IE, IL, IT, NL,  
NO, PL, PT, RO, SI,

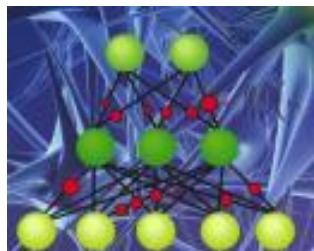
SE, TR, UK



Non-COST Australia, Canada, USA

WG1	Fundamentals
WG2	Materials
WG3	Diagnostics
WG4	Technology





# Quantitative Nanostructure- Toxicity Relationships (QNTR)

**3-6 April 2011, The Vaeshartelt Castle  
(near Maastricht), The Netherlands**

The **aim** of the workshop is to bring together leaders in the emerging field of computational nanotoxicology to form an international Community of Practice for accelerated development of the science of QNTR. The workshop involves policy makers, relevant COST Actions as well as experts from institutions, ranging from the European Commission's Joint Research Centre to the Australian Commonwealth Scientific & Industrial Research Organisation.

The **deliverables** from the workshop are

- a 10-year plan defining steps to produce software based on QNTR for predicting the health effects of manufactured nanomaterials, useful for regulation and industry (to be written as a peer-reviewed publication);
- and a COST Action to support the international Community of Practice, specifically by exchange of staff between key laboratories, to fast-track international efforts in QNTR.

**Workshop Chair**  
**Maxine McCall** Commonwealth  
Scientific & Industrial Research  
Organisation, AU

**Steering Committee**  
**Frederic Bois**  
Institut National de  
l'Environnement et des Risques  
Industriels, FR

**Bengt Fedeel**  
Karolinska Institute, SE  
**Antonio Pietroiusti**  
Università Tor Vergata, IT

**Lang Tran**  
Institute of Occupational  
Medicine, UK

**Caroline Whelan**

**Lucia Forzi**  
COST Office, BE

**Dave Winkler**  
Computational Modelling,  
Commonwealth Scientific &  
Industrial Research Organisation,  
AU

**Andrew Worth**  
Institute for Health & Consumer  
Protection, European  
Commission's Joint Research  
Centre, IT

**More Information** <http://www.cost.esf.org/events/qntr>

# GraphITA Workshop

15-18 May 2011, GRAN SASSO  
NATIONAL LABORATORIES  
ASSERGI (L'AQUILA), ITALY

A MULTIDISCIPLINARY AND  
INTERSECTORIAL EUROPEAN  
WORKSHOP ON SYNTHESIS,  
CHARACTERIZATION  
AND TECHNOLOGICAL EXPLOITATION  
OF GRAPHENE

**Special Opening Lecture by Nobel  
Prize 2010  
Konstantin S. NOVOSÉLOV  
Sponsored by COST**

<http://graphita.bo.imm.cnr.it>



The poster features a central graphic of a blue hexagon containing a landscape image of a mountain range. To the right of the hexagon, a blue horizontal bar contains the text: "15-18 MAY 2011 GRAN SASSO NATIONAL LABORATORIES ASSERGI (L'AQUILA), ITALY". The word "GraphITA" is written in white over the landscape image. At the top right, logos for CNR IMM Bologna and Università dell'Aquila are visible. The main text of the poster is centered and reads: "A MULTIDISCIPLINARY AND INTERSECTORIAL EUROPEAN WORKSHOP ON SYNTHESIS, CHARACTERIZATION AND TECHNOLOGICAL EXPLOITATION OF GRAPHENE". Below this, it mentions a "Special Opening Lecture by Nobel Prize 2010 Konstantin S. NOVOSÉLOV". The website "http://graphita.bo.imm.cnr.it" is listed below the GraphITA logo. At the bottom, a row of logos for various partners is displayed, including COST, Micron, FEI, Assing, PI, ENB, MRS, and others.

CNR IMM Bologna Università dell'Aquila

**GraphITA**  
15-18 MAY 2011  
GRAN SASSO NATIONAL LABORATORIES  
ASSERGI (L'AQUILA), ITALY

A MULTIDISCIPLINARY AND INTERSECTORIAL EUROPEAN  
WORKSHOP ON SYNTHESIS, CHARACTERIZATION  
AND TECHNOLOGICAL EXPLOITATION OF GRAPHENE

Special Opening Lecture by Nobel Prize 2010  
Konstantin S. NOVOSÉLOV

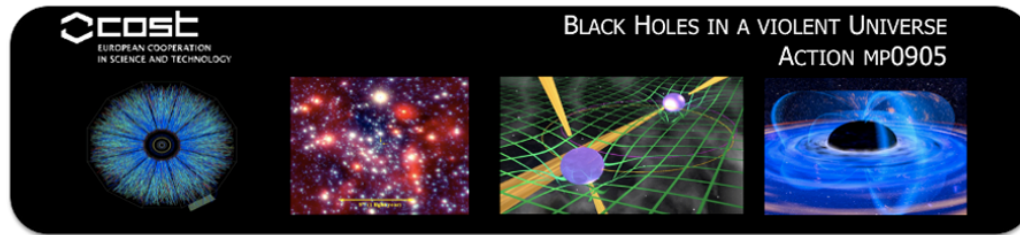
**GraphITA**  
<http://graphita.bo.imm.cnr.it>

ASSING PI  
COST ENB  
MICRON MRS  
FEI  
nanosp  
ZIM STRUMENTI  
IMM

Graphita & Usc Grafar

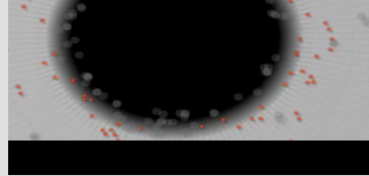
# Action Dissemination

Websites, books, conference proceedings, teaching materials, videos, brochures



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- Home
- Introduction to BH's
- Science & Working Groups
- Consortium
- Exchange Visits (STSM)
- Meetings & Conferences
- Publications
- Member Area
- Mailing list
- FAQ
- Interesting Links
- Contact



Black Hole physics is both fundamental and broad ranging and hence multidisciplinary. The world's first open and flexible network on BH research will counteract the existing fragmentation of this research field. To attack the elementary and far-reaching demands posed by BH-related science, an overarching framework is required. It will connect astronomers from all wavelength regimes (from low energy radio bands up to ultra-high energies such as TeV), working on all mass scales of Black Holes, i.e. from the smallest structures up to the largest masses in the Universe (i.e. Quantum BHs to SMBHs), with physicists and particle physicists as well as theoreticians, observers and software and technology developers. By strengthening Europe's scientific networking capacities in BH research, Europe's leading role in the international competition will be enhanced. The collaboration of scientists and engineers in this Action will also catalyse an increase of European industrial competitiveness to meet the technological challenges of upcoming large-scale facilities (e.g. E-ELT, SKA).



--- News ---

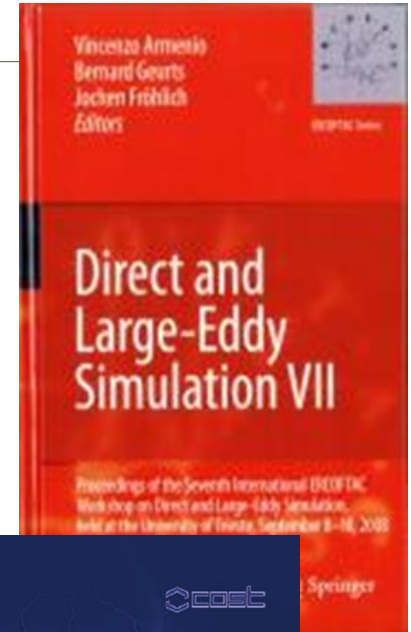
★ 4th WG Meeting Manchester, U.K.  
November 2 - 4, 2011

★ [Black Hole News - Blog](#)

--- GENDER ---

coordinator: [Merja Tornikosi](#)

- ❖ [ASK QUESTIONS](#)
- ❖ [OUR GENDER ACTIVITIES](#)



[http://www.youtube.com/watch?v=wfD8tHhNe6U&feature=player\\_embedded](http://www.youtube.com/watch?v=wfD8tHhNe6U&feature=player_embedded)

# ACRONYMS (1/2)

AO	Administrative Officer
APC	Annual Progress Conference
BMBS	Biomedicine and Molecular Biosciences (Domain)
CGA	COST Grant Agreement
CGS	COST Grant System
CG	Core Group
CMST	Chemistry and Molecular Sciences and Technologies (Domain)
CNC	COST National Coordinator
CSO	Committee of Senior Officials
DC	Domain Committee
DCCCCM	Domain Committee Chairs Cluster Consensus Meeting
EEP	External Experts Panel
ESF	European Science Foundation
ESR	Early Stage Researcher
ESSEM	Earth System Science and Environmental Management (Domain)
FA	Food and Agriculture (Domain)
FPS	Forests, their Products and Services (Domain)
GH	Grant Holder
HOSO	Head Of Science Operations

# ACRONYMS (2/2)

ICT	Information and Communication Technologies (Domain)
IE	Interdisciplinary Exploratoria
ISCH	Individuals, Societies, Cultures and Health (Domain)
JAF	Judiciaire, Administratif, Financière, Working party of Legal, Administrative and Financial Affairs within COST(CSO Executive Group)
JSO	Junior Science Officer
MC	Management Committee
MoU	Memorandum of Understanding
MPNS	Materials, Physical and Nanosciences (Domain)
SAO	Senior Administration Officer
SO	Science Officer
SSO	Senior Science Officer
STSM	Short-Term Scientific Mission
TD	Trans-Domain
TDP	Trans-Domain Proposal
TDP-SAB	Trans-Domain Proposal Standing Assessment Body
ToR	Terms of Reference
TUD	Transport and Urban Development (Domain)
WG	Working Group

# COST Office

i.e. scientific and technical secretariat to the COST Programme



- Science activities:
  - Domain Committees
  - COST Actions
- Outreach and strategic activities:
  - Year of visibility 2011

# www.cost.eu

Domain pages: e.g.

[www.cost.eu/bmbs](http://www.cost.eu/bmbs)

Open Call:

[www.cost.eu/opencall](http://www.cost.eu/opencall)

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FAQ:

[www.cost.eu/service/faq](http://www.cost.eu/service/faq)

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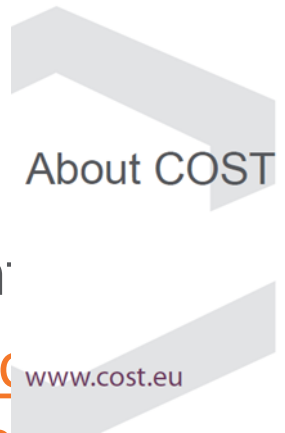
[www.cost.eu/about\\_reciprocal\\_agreements](http://www.cost.eu/about_reciprocal_agreements)

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