



COST General Presentation

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COST Mission

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)

COST in Figures



- Established in 1971
- 19 countries → now 36 + 4 reciprocal agreements
- 850+ COST Actions (269 in 2010)
- 0.42% (210 MEUR of FP7) or 0.49% (250 MEUR)



COST Features

- Open to global cooperation
- mutual interest
- Enabling Early Stage Researchers
- Pan-European - intergovernmental
- Light-weight administration
- Flexible implementation



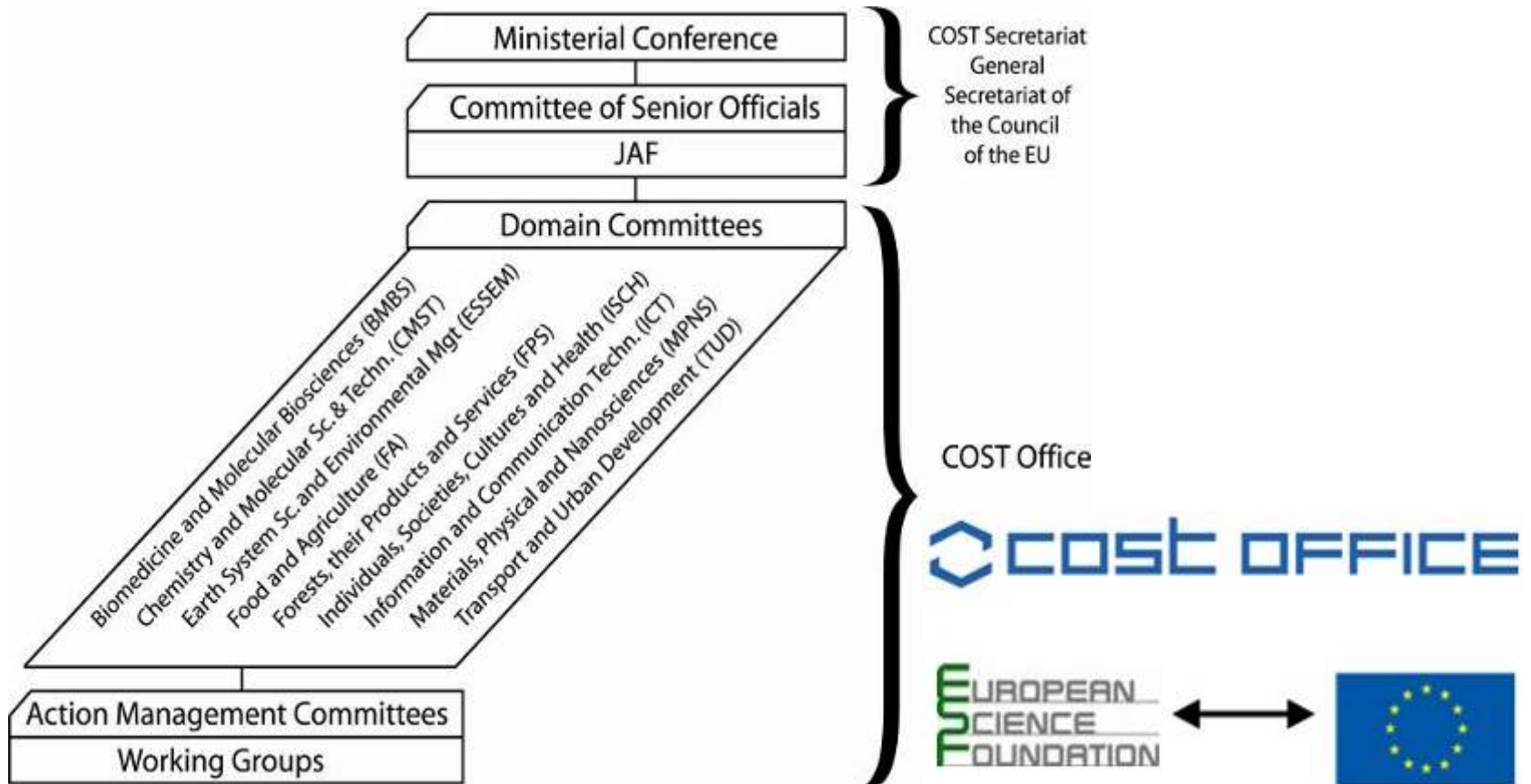


COST Features

- 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





COST Countries



■ The 27 EU Member States

■ EU Acceding & Candidate Countries

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

■ Other Countries

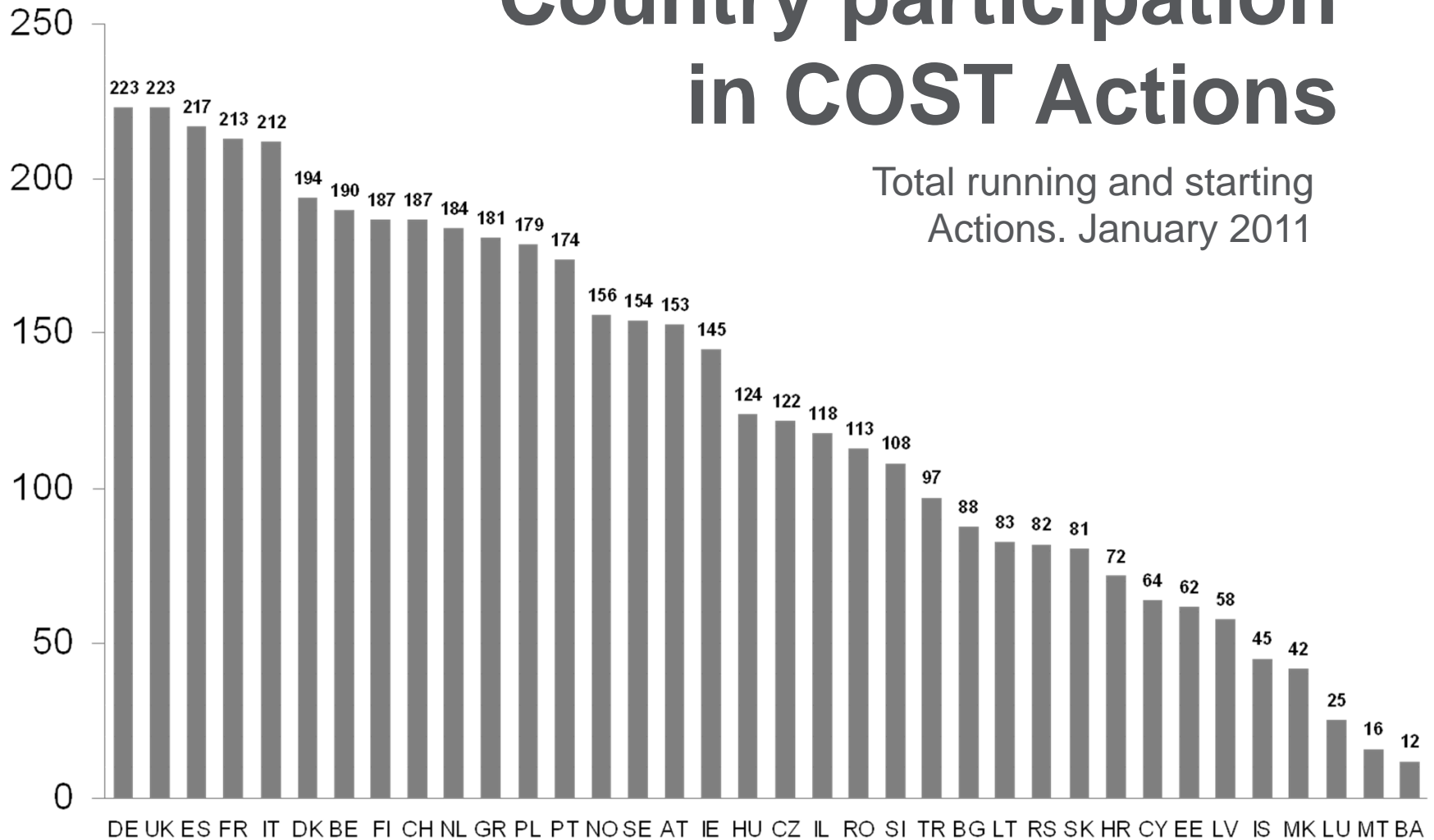
- ▶ Bosnia and Herzegovina
- ▶ Republic of Serbia
- ▶ Norway
- ▶ Switzerland

■ COST Cooperating States

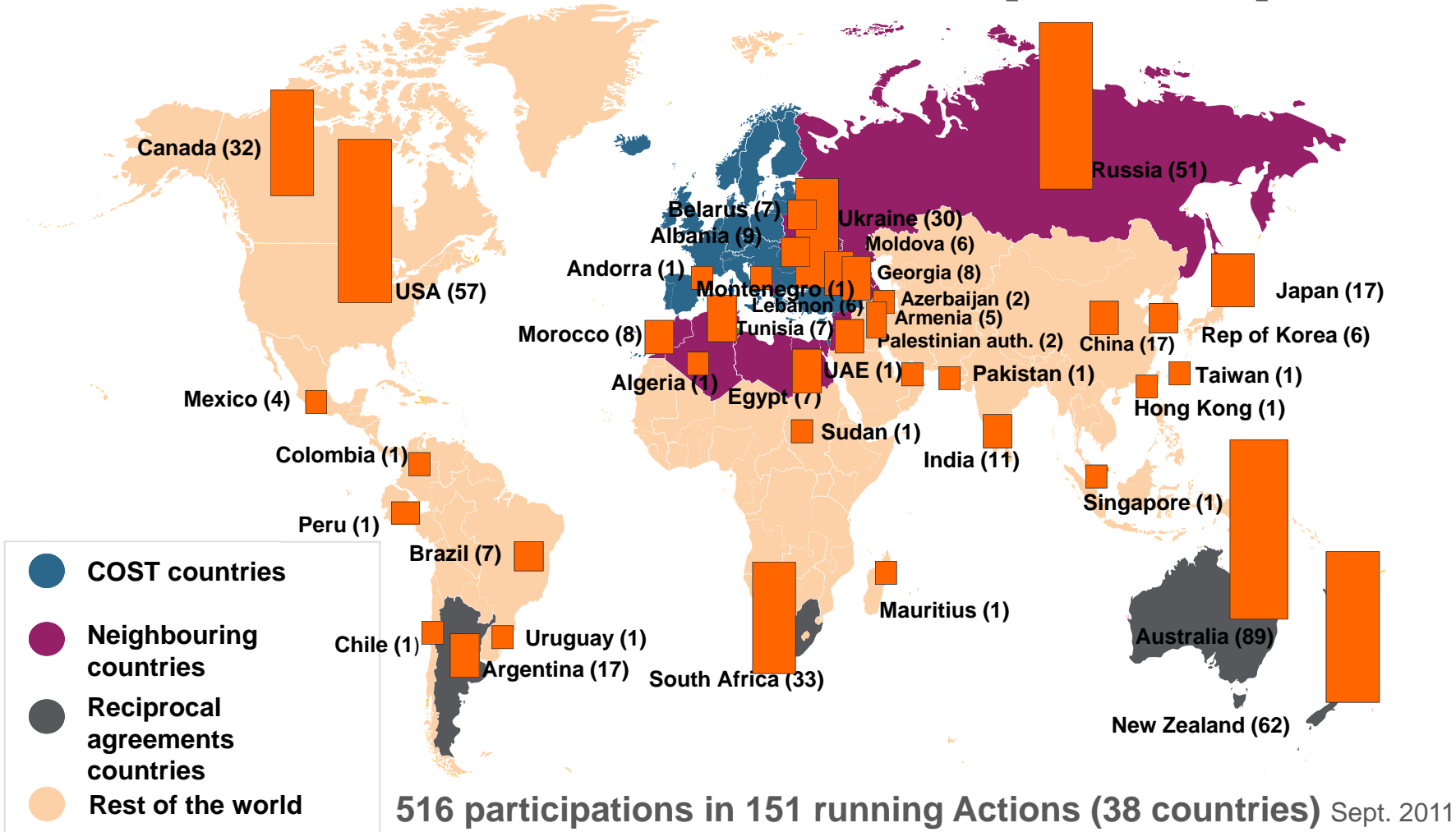
- ▶ Israel

Country participation in COST Actions

Total running and starting
Actions. January 2011



COST Actions – Global participation





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 Action

- At least 5 countries
- Expanding networks
- Average 20 countries
- Across 9 Domains or interdisciplinary
- Obtains funds for networking activities

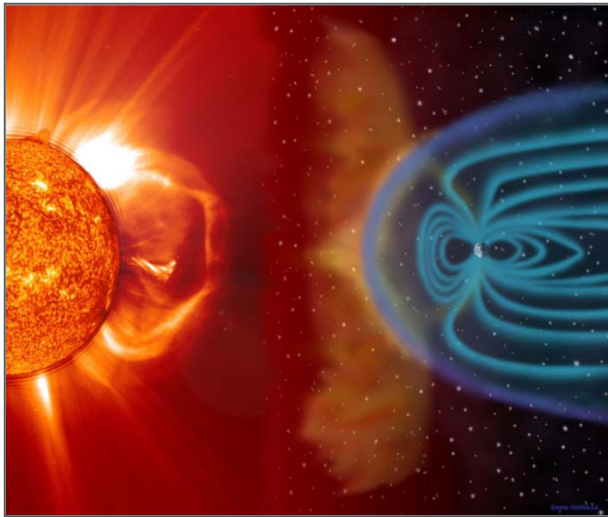




COST Action activities

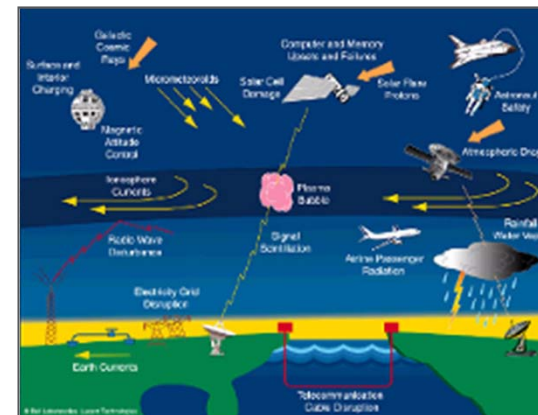
- Science management meetings
- Working Group meetings
- Scientific workshops & seminars
- Training schools
- Scientific Exchange Visits (STSMs)
- Dissemination + publications
- Exploratory + strategic Workshops

Developing space weather products and services in Europe



- Near real time space weather information

- COST Action ES0803
- Develop reliable European Space Weather forecasts



European procedures for flood frequency estimation (FloodFreq)



- COST Action ES0901

- Compile dataset and inventories of existing data and methods
- Use of statistical methods for flood frequency estimation
- Flood frequency analysis using rainfall-runoff methods
- Flood frequency estimation methods and environmental change

Euroberry Research: from Genomics to Sustainable Production, Quality & Health



- Berry production is economically significant
- COST helped berry growers to **grow**
- Specific thematic area has been included in FP7

- COST Action 863



How new telecommunications can benefit people with disabilities

■ COST Action 219 ter



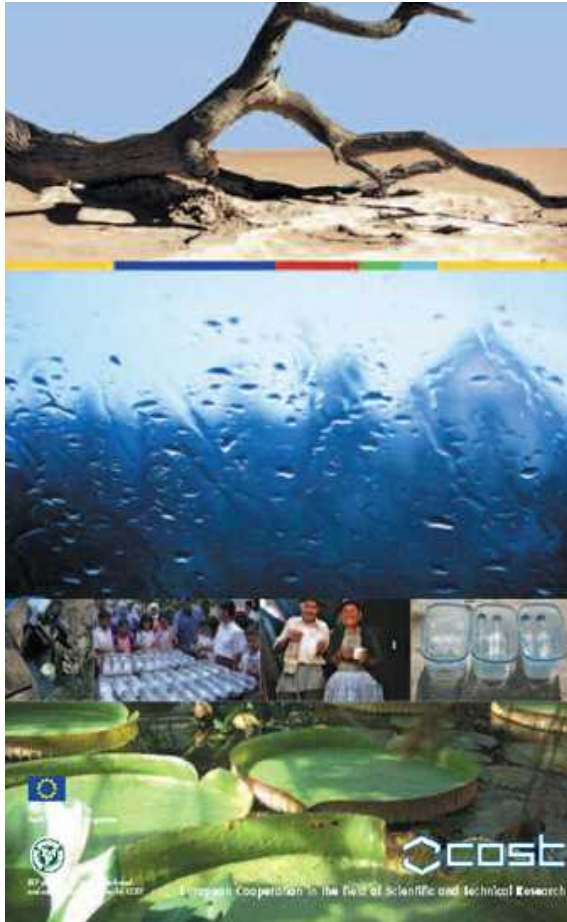
- Accessible communication infrastructure
- Smart houses
- Equipment design





Sunshine makes water safer to drink

■ COST Action P9



- Radiation Damage in Biomolecular Systems
- Solar Disinfection (SODIS)
- 1 Mio Bacteria to 0
- EU Millennium Development Goals
- EU Water Initiative (EUWI)
- World Summit on Sustainable Development (WSSD) Implementation Plan



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



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

Open Call:

www.cost.eu/opencall

Guidelines:

www.cost.eu/guidelines

FAQ:

www.cost.eu/service/faq

Reciprocal Agreements:

www.cost.eu/about_cost/reciprocal_agreements

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