

COST Grant workplan

I. ACTION PROFILE

Domain: MPNS

Action no. and title: MP1106 "Smart and green interfaces - from single bubbles and drops to industrial, environmental and biomedical applications (SGI)"

Chair: Prof. Thodoris D. Karapantsios

START date: 02/06/2012

END date: 01/06/2013

Number of signatories: 29

Number of non-COST members: 3 (not confirmed by the CSO yet)

Number of COST country entities (institutes, etc.) currently participating: 120

Number of non-COST entities (institutes, etc.) currently participating: 3

Number of MC Members: 51+18 (substitutes)

Working Groups with numbers, titles and approximate number of members:

WG1: Fundamentals

WG2: Materials

WG3: Diagnostics

WG4: Technology

II. DETAILED BUDGET

(1) MEETINGS

2nd Management Committee Meeting and Annual Workshop

Location: Dublin

Date: 14 September 2012

Number of participants reimbursed: 63

Travel costs: 48673 €
Organizational costs: 2 250 €

3rd Management Committee Meeting Working Group 1, 2, 3, 4 Meetings

Location: Prague
Date: March 2013
Number of participants to be reimbursed: 86
Travel costs: 68 997 €
Organizational costs: 2580 €

Other meetings

Title: Joint meeting of the COST Actions MP 1103, MP1004 and MP1106 on materials and processes for energy applications
Location: Prague
Date: March 2013
Number of participants to be reimbursed: 13
Number of participants from ALL three Actions: 100
Travel costs: 10 000€
Organizational support: 3 000 €

(2) SHORT TERM SCIENTIFIC MISSIONS (STSMs)

Number: 15
Cost: 15 000 €

(3) TRAINING SCHOOLS

Location: Twente, Netherlands
Date: April 2013
Number of Trainees to be reimbursed: 30
Trainees Grants: 37 X 800 € = 29 600€
Number of Trainers to be reimbursed: 7
Travel costs: 5 500 €
Organisational support: 900 €

(4) PUBLICATIONS, DISSEMINATION, OUTREACH, WEBSITE

Title: Website

Cost: 2 000 €

(5) OTHER (Banking costs)

Title: Other

Cost: 500 €

III. WORK PLAN

(1) OBJECTIVES

Please describe the objectives to be achieved during the grant period and their relationship to the goals of the Action as laid down in the MoU or as modified by the Management Committee.

The objectives for the first year of the Action's activities are:

- Provide an efficient start for interaction and networking both inside of the Action as well as with the external partners of the Action towards Pan-European and multidisciplinary platform to support the realization of the opportunities in the field of smart and green interfaces.
- Fine tuning of the work plans for the first 2 years of the Action's activities and – if necessary – the re-adjustment of the Action's activities as they have been foreseen in the MoU
- Starting of the scientific activities within WG`s regarding
 - o a common understanding on the fundamentals, materials, diagnostics and technology related to smart and green interfaces applied to Industrial/Environmental/Biomedical Applications.
 - o identification of current knowledge gaps/starting of activities to detect the ways to overcome existing gaps

(2) ACTIVITIES

Please describe the contents of the activities listed in the budget, their relationship to each other (if any) and to the objectives stated above.

For the first three months the following activities are planned:

- Collection of information about the national programs on interfaces (WG leaders)
- Preparation of WG programs (list of projects)

- Approval of the WG programs by MC

For the first year the following Activities will be organized:

- Management Committee Meeting and Annual MP1106 Workshop.
- Four Working Group Meetings
- Ten Short Term Scientific Missions
- One Training School
- Dissemination (The website will be setup and operational).

The main event of the year 2012 will be the scientific Kick-off meeting of the Action, which is planned as a Joint MC meeting /Annual Workshop and will take place in Dublin in September 2012 whereas:

- the presentation of the research groups involved will be followed by the fine-tuning of the working plan for the upcoming 1-2 years as well by the consideration of the scientific programs, milestones and deliverables for the whole duration period of the Action
- discussion on short-, middle- and long-term activities to establish a new multidisciplinary European research community with ability to support European, national and regional efforts on appropriate smart and green interfaces will be realized as a round table discussion with the direct participation of the ESR group.

Considering the STSM`s as one of the most important type of activities to support ESR`s involvement and cross-sectoral co-operation at least 10 STSM`s are planned to be realized within the first year of the Action`s.

(3) **OUTPUTS PLANNED FOR YEAR**

(Including final reports, technical documents, publications and other forms of output.)

- Each WG will provide a brief progress report by the end of the year
- Together with the participants and hosts of the STSM`s the STSM-coordinator will prepare a brief progress report
- As far as this proposal will be accepted by the MC, the WG`s will prepare white papers on current knowledge gaps regarding expected scientific/technological levels to achieve goals of the European policy as well as on the ways to overcome existing gaps.

COST Grant budget plan

Action no. and title: MP1106

Grant period: 02/06/2012 – 01/06/2013

Allocated budget: 211 500 €

A. SUMMARY BUDGET

(1) MEETINGS	€ 135500
(2) SHORT-TERM SCIENTIFIC MISSIONS	€ 15000
(3) TRAINING SCHOOLS	€ 36000
(4) PUBLICATIONS, DISSEMINATION, OUTREACH	€ 2 000
(5) OTHER	€ 500

B. TOTAL SCIENCE EXPENDITURE (sum of (1) to (4))
€ 189 000

C. Financial & Scientific Administration and Coordination
(max. of 15% of B.)
€ 22 500

D. TOTAL EXPENDITURE (B+C)
€ 211500

