

Activity Report

1st Grant Period

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1. Kick-off meeting (virtual)

Date: 21-22/10/2021

Location: Online (Zoom)

Participants: 36

Organizers: COST Officers Gearóid Ó Máille and Christophe Peeters.

Main Points of the meeting:

List of Working Groups, management topics and leadership positions:

Positions	Leader
WG1_ Advanced in Porous Materials	G. Barillaro (IT)
WG2_ Health	H. Santos (NL)
WG3_ Energy	J. Macak (CZ)
WG4_ Environment	P. Ferreira (PT)
WG5_ Management and Dissemination	E. Segal (IS)
Grant Awarding Coordinator	M. Norek (PL)
Science Communicator Coordinator	N. Lagopati (EL)

Room Title: WG1 Advances in Porous Materials and Technologies
Rapporteur(s): Giuseppe Barillaro
Meeting Participants interested in contributing to the topic: Abel Santos (AUS), Stephen Abela (MT), Peter Petrik (HU), Luca Boarino (IT), Arlete Apolinario (PT), Alexander Laikhtman (IL), Anton Ficai (RO), Jarno Salonen (FI), Natasa Novak Tusar (SI), Andreja Gajovic, Kaiying Wang (NO), Grzegorz Sulka (PL), Nefeli Lagopati (EL)
Desired Output: <ul style="list-style-type: none"> 1. What do you want to achieve in the long term (outcomes and deliverables for the 4-year duration of this Action)? <ul style="list-style-type: none"> - New ideas and breakthrough research - Publications on high-impact journals - Participation to EU and bilateral projects - Dissemination and communication of WK - Industrial involvement in the workgroup 2. What are your immediate goals? (for the next 6 to 18 months) <ul style="list-style-type: none"> - Description of WG1: make clear that the WG is about preparation, modification, functionalization of porous material and related technologies - Map of expertise within the network - Meeting (face-to-face, possibly) to get to know each and start collaborative research - Finding open issues on porous materials and technologies to advance the field - Industrial involvement in the workgroup

<p>Main Insights and Ideas: WG1 deals with preparation of porous materials, but also about surface chemistry and functionalization, coating and filling, and material characterization (chemical, physical, morphological, functional). WG1 has a central role, being focused on the preparation and characterization of porous materials and structures, as well as fabrication of devices and systems out of them. WG results and outcomes can be leveraged by other WGs for specific applications. Thus, a significant participation of researchers with different skills and interests is expected for WG1.</p>
<p>Resources needed: Budget and networking tools for meetings, especially in case the meeting will be face-to-face</p>
<p>Next Steps</p> <ul style="list-style-type: none"> - Description of WG1 to make clear that the WG is about preparation, modification, functionalization of porous material and related technologies - Meeting (face-to-face, possibly) to get to know each and start collaborative research

<p>Room Title: WG2 Health</p>
<p>Rapporteur(s): Prof Hélder Santos, NL</p>
<p>Meeting Participants interested in contributing to the topic: Prof Jarno SALONEN (FI), Dr Nikola KNEŽEVIĆ (RS), Prof Anton FICAI (RO), Dr Gerard MACIAS SOTUELA (UK), Prof Natasa NOVAK TUSAR (SL), Dr Nefeli LAGOPATI (EL), Snezana Djunic (RS), Dr Narcis DUTEANU (RO), Prof Lluís MARSAL (ES), Dr Peter PETRIK (HU), Dr Stephen ABELA (MT), Prof Grzegorz SULKA (PL)</p>
<p>Desired Output:</p> <ol style="list-style-type: none"> 1. What do you want to achieve in the long term (outcomes and deliverables for the 4-year duration of this Action)? <ul style="list-style-type: none"> - Networking. - Get to know new people in nice meetings. - Training activities for students. - Finding new collaborators for new grant opportunities, e.g., Horizon Europe, etc. - Opportunity to share new ideas for collaborative work. 2. What are your immediate goals? (for the next 6 to 18 months) <ul style="list-style-type: none"> - Extending the current network in the topics of this CA. - Organizing some nice onsite conference meetings in person to get to know the scientific work of each other. - Working together in a multidisciplinary and multi-complementary network.
<p>Main Insights and Ideas:</p>

- Use porous materials for optical applications and increase the specific biosensing/sensitivity for biomedical applications.
- Industrial collaboration to materialize and translate the lab research into products and reach the market.
- Compare the potentiality of different porous materials for different biomedical applications.
- Use porous materials for sensing applications of biologics, drug delivery, tissue regeneration, etc.
- Porous materials to consider: porous silicon, porous silica, TiO₂, MgO₂, etc.
- Optimizing the parameters for the preparation of porous materials for enhancing their better biomedical potential applications.
- Testing in vitro and in vivo systems.

Resources needed:

- Grants for organizing the meetings, including travel grants.
- Training sessions for young scientists to develop scientific and soft/transferable skills, organized in different institutions with different complementary expertise.

Next Steps

- Organizing an onsite meeting to know better each other and to hear what each other can offer to this CA.
- Share the knowledge/expertise and available facilities in each institute in short presentations in a F2F meeting, preferentially without parallel sections.
- Having some kind of communication platform to enhance sharing of knowledge, skills, ideas, dissemination of information, etc.

Room Title: WG3 ENERGY

Rapporteur(s): Hatice Duran Durmuş

Meeting Participants interested in contributing to the topic: Kaiying Wang (Norway), Andreja Gajovic (Croatia), Alexander Laikhtman (Israel), Arlete Apolinario (Portugal), Grzegorz Sulka (Poland), Narcis Duteanu (Romania), Gerard Macias Sotuela (UK), Snezona Djuric, Natasa Novak Tusar (Slovenia), Luca Boarino (Italy)

Desired Output:

1. What do you want to achieve in the long term (outcomes and deliverables for the 4-year duration of this Action)?
 - Creating new ideas/proposals and applying other calls such as Horizon Europe.
 - Exchanging students/ experts/ knowledge
 - Publishing articles (Book about Netpore activities)
2. What are your immediate goals? (for the next 6 to 18 months)
 - Organizing a meeting to be aware of each other's activities in detail with participants of NETPORE.

- Extending networking/contacts among academics and industrial partners to enhance interdisciplinarity.
- Finding industrial partners for energy storage and capacitors.

Main Insights and Ideas: It was observed that NETPORE members within ENERGY cluster is mainly working with various porous oxides (Silica, alumina, titania, ZnO etc. as nanowires or membranes). These structures are generally produced by **electrochemistry**. Some members seeking for industrial partners for real field implementation while some other partners are seeking partners working in energy harvesting, water splitting, photovoltaics, and energy storage fields. Porous materials fabrication and application groups should have more detailed information about each other's work. NETPORE is the perfect platform to serve this purpose.

Resources needed:

- a place where we will meet face to face for a more effective communication

Next Steps

Having a meeting and discussing possible collaborations together. Maybe writing proposals together.

Room Title: **WG4 Environment**

Rapporteur(s): Paula Ferreira

Meeting Participants interested in contributing to the topic: Urska LAVRENCIC STANGAR, Slovenia; Natasa NOVAK TUSAR, Slovenia; Gerard MACIAS SOTUELA, UK; Hristiyan ALEKSANDROV, Bulgaria; Stephen ABELA, Malta; Andreja Gajovic, Croatia Arlete Apolinario, Portugal; Lluís Marsal, Spain; Anton Ficai, Romania

Desired Output:

1. What do you want to achieve in the long term (outcomes and deliverables for the 4-year duration of this Action)?
 - Network
 - Long lasting collaborations
 - Join proposals and applications
 - Funding for research
 - Platforms for discussion
 - Help to jump from lab to the industry and to the market
2. What are your immediate goals? (for the next 6 to 18 months)
 - Meet people
 - Map of expertise in Europe
 - Contact with industry/ feedback from industry
 - Mobility and opportunities for young researchers

Main Insights and Ideas:

- Construct a “map of expertise” to allow people to know the partners
- Develop a multifunctional platform including researchers’ profiles, papers, facilities available, allowing the creation of forums of discussion and “developing zone”.
- Need of organize a meeting soon!
- Possibility of organizing joint webinars with industry (namely with Macias Sensors).
- Organization of joint review papers, book, roadmap...

Resources needed: Not discussed – highlighted the importance of applying for funds together.
Next Steps <ul style="list-style-type: none"> • Organize meeting. • Expertise map of participants in the WG (potentially available in a intranet for all members of the cost action).

Room Title: Management and Dissemination (WG5) – Rapporteur unavailable
Summary: In plenary, participants in the breakout room highlighted the importance of meeting in person as soon as possible in order to build a community around NETPORE. It was stressed that there was a wide range of expertise available to the Action, and this needed to be exploited – a “map of expertise” was one method considered for achieving this. Industry involvement is a key challenge for the Action; joint webinars with industrial partners was one strategy considered to tackle this. Videos promoting the Action (aimed at the general public and industry) were suggested. It was deemed critical that a website would be launched soon, and it was suggested that a forum could be included there to enhance communication. Events for young people (e.g. webinars) were suggested.

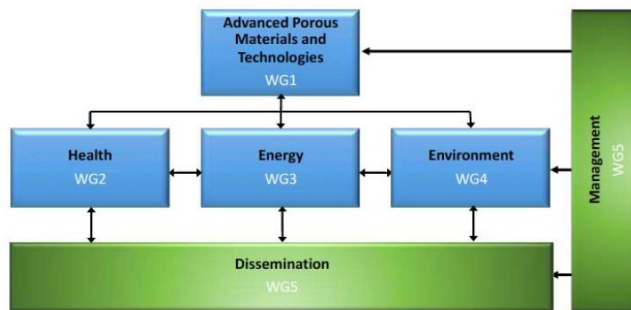
Room Title: 6. Grant Awarding Process
Rapporteur(s): Małgorzata Norek
Meeting Participants interested in contributing to the topic: Josep Ferre-Borrull, Abel Santos, Urska Lavrencic Stangar, Alexander Laikhtman
Desired Output: <ol style="list-style-type: none"> 1. What do you want to achieve in the long term (outcomes and deliverables for the 4-year duration of this Action)? <p>7 Short-Term Scientific Missions (STSM) calls and at least 20 STSM for participants will be organized. The calls for the ICT conference grants could be probably opened constantly for the whole duration of the project to make possible participation of the ICT researchers and innovators in the important, high-level conferences taking place in a given year.</p> <ol style="list-style-type: none"> 2. What are your immediate goals? (for the next 6 to 18 months) <p>The first open calls for 2-3 STMS and ITC conference grants will be organized.</p>
Main Insights and Ideas: <p>Both grants that was discussed SHORT TERM SCIENTIFIC MISSION (STSM) and Inclusiveness Target Country (ITC) conference grants are aimed at strengthen the existing collaboration or to start new ones important for achieving the action’s objectives, at a direct exchange of knowledge and experience between researchers and so on. Therefore, it is important to set clear rules for Applicants’ selection, which should be well-defined by the working groups, because each working group has its own scientific priorities. There is 7 open calls planned for STSM grant in the project, but it should be also clearly established how many students or researchers can be hosted by each working group. It was stated during the discussion that it is quite important to set how the STSM grants will be distributed per working groups. The duration of a stay will be defined and explained by an applicant and will depend on the project to be realized, but it is also good to consider some regulations about the number of grants and their durations in reference to a given working group so that to make whole the process transparent, and well-balanced for all Action members to obtain their scientific goals. It</p>

was also mentioned that a precise application template is needed to make an evaluation process easier.
<p>Resources needed: The calls will be announced on the Action's website, but efforts should be also made to promote the Action also in other important scientific events, conferences, such as such as Porous Semiconductors – Science and Technology (PSST), etc.</p>
<p>Next Steps - Organize the first call for STSM and ITC conference grant. - Prepare a template for Applicants and evaluation criteria.</p>

Room Title: 7. Organizing meetings, workshops and training schools
Rapporteur: Frederique Cunin
<p>Short term goal Schedule the different events to be organized in the next 2 years. Work with the other WGs. <u>6 month-goal</u>: have a timeline of which meetings, workshops to organize.</p> <p>Targets</p> <p>(1) The young scientists Attract people from different areas. Organize training schools (from the basics to the application), recruit young scientists. <i>Ex 1</i>: University of Porto (faculty of sciences): training in clean rooms, lab for bottom-up technology, etc). <i>Ex 2</i>: Develop the existing winter school in Torino, Italy (Scheduled in January of each year)</p> <p>(2) The scientific community at large <i>Ex 1</i>: Attract scientists from various areas to the relevant existing conferences (e.g. the biennial Porous Semi-conductor Science and Technology conference, the biennial Ed Nano conference, etc). <i>Ex 2</i>: Propose regular webinars (30 min presentation + 30 min discussion) with a 2-month frequency. Alternate student/postdoc speakers and invited senior speakers. Open to other scientific fields (e.g. green chemistry, polymers, etc). The goal is to know each other better. The young scientists attending the webinars could be recruited for the training schools, and/or move from one lab to another for a period of 2 months. Goal: meet on line, go to schools, start traveling to relevant labs.</p> <p>(3) The general public <i>Ex 1</i>: Propose short video to explain the technology (e.g. reconcile the public opinion with nanotechnologies). <i>Ex 2</i>: Use social media platforms and press release (with the cultural services of our respective institutions).</p>

Decisions:

- ✓ Lluís Marsal (ES) was elected Chair.
- ✓ Frederique Cunin (FR) was elected Vice Chair
- ✓ The MC selected Universitat Rovira i Virgili as Grant Holder Institution, represented at the MC by the Josep Ferré-Borrull.
- ✓ Structure:



✓ Work and Budget Plan of the 1st GP:

Networking Tools	Quantity	Budget /EUR
Meetings	2-4	56.500
Training Schools	1	10.000
Short Term Scientific Missions (STSM)	6-9	16.000
ITC Conference Grant	8-10	14.000
COST Action Dissemination		12.000
Other Expenses Related to Scientific Activities		500
Total Science Expenditure		109.000
Financial and Scientific Administration and Coordination (FSAC) - MAX. 15%		16.350
Total Grant		125.350

2. Core Group Meeting 1 (virtual)

Date: 10/01/2022

Location: Online (Teams)

Participants: 11

Organizer: Lluís Marsal

Main points of the meeting:

- 1st Training School Organization. Organizers: Paula Ferreira and Hélder Santos.
- STSM and ITC Conference Grants calls: determination of the conditions.
- Dissemination strategies of the Network: proposals.
- Acceptance of new WG applicants

Decisions:

- ✓ TS will be from the 5th (12.30) to the 8th (19.00) of July (see Annex 3).
- ✓ The location changed to Aveiro (should be modified in the WBP).
- ✓ STSM calls will be open the 1st of February and closed by the 1st of March (Evaluations during March), and they could start from the 1st of April to the end of the first Grant Period.
- ✓ The budget for each STSM will be linearly proportional to the period of the mission.
- ✓ All applications to join the Action will be accepted.
- ✓ Additional questionnaire will be sent to the WG participants to help the CG with the mapping of competences.
- ✓ New CG meeting to schedule by the end of January should be included in the WBP.
- ✓ MC Meeting is re-scheduled to 26th-27th of March. Will start the 26th at 3.00pm and finish the 27th at 12.00am.
- ✓ CG Meeting is also re-scheduled to the 8th of July after the TS (starting time not defined yet).

3. Core Group Meeting 2 (virtual)

Date: 04/02/2022

Location: Online (Teams)

Participants: 10

Organizers: Lluís Marsal

Main points of the meeting:

- NetPore Website
- Training School organization
- STSM and ITC Conference Grants calls
- Activity of Working Groups and review of applications
- Meetings
- Dissemination

Decisions:

- ✓ Include changes on the NETPORE website.
- ✓ Program and dates of the TS can be published in the NETPORE website
- ✓ The calls can be published as soon as possible in the website.
- ✓ TS will be from the 5th (12.30) to the 8th (19.00) of July (see Annex 3).
- ✓ The location changed to Aveiro (should be modified in the WBP).
- ✓ STSM calls will be open the 1st of February and closed by the 1st of March (Evaluations during March), and they could start from the 1st of April to the end of the first Grant Period.
- ✓ The budget for each STSM will be linearly proportional to the period of the mission.
- ✓ All applications to join the Action will be accepted.
- ✓ Additional questionnaire will be sent to the WG participants to help the CG with the mapping of competences.
- ✓ New CG meeting to schedule by the end of January should be included in the WBP.
- ✓ MC Meeting is re-scheduled to 26th-27th of March. Will start the 26th at 3.00pm and finish the 27th at 12.00am.
- ✓ CG Meeting is also re-scheduled to the 8th of July after the TS (starting time not defined yet).

4. Management Committee Meeting – Pisa (Italy)

Date: 27/03/2022

Location: Versilia Lido | UNA Esperienze hotel Congress Centre, Pisa, Italy.

Participants: 28 (19 countries represented of 25)

Organizers: Giuseppe Barillaro and Lluís Marsal.

Main Points of the meeting:

- Recap minutes of the CG meetings
- Action membership and participation
- Budget status (Information for MC members)
- Implementation of COST Excellence and Inclusiveness Policy

Table 1. Indicators of COST Excellence and Inclusiveness Policy

Indicators	Current status
Greatest variety of researchers (from 12 different ITCs)	ITC members: 64% Nº of ITCs: 15
50% of the Budget dedicated to networking activities to the benefit of ITC members.	Expenditure stimation: 57%
At least 3 mandatory leadership positions from ITC	ITC Leadership positions: 4
40% participation of Young researchers	Participation: 20%
20% Young Researcher in leadership positions	Learship: 10%
50% Female leadership position	Female leadership: 55%

- Organization of the WGs.
- Science communication Plan
- Progress on MoU objectives, deliverables and goals for the 1st GP.
- Revision of Work and Budget Plan
- Draft plans for the 2nd Period:
 - Include the Activities planned for this period: 1 MC meeting, 1 Training School, CG meetings face-to-face co-located with the Training School and other events.
 - Organize more WG meetings during the year.

Decisions:

- ✓ MC members accepted the decisions of the CG.
- ✓ Increase the visibility of the published calls using cost e-mails and automatic messages from NETPORE Website.
- ✓ STSM 1st call has been extended indefinitely as long as the offered grants are available.
- ✓ Nominate a person to manage the different dissemination platforms.
- ✓ Creation of the NETPORE conference for next GP.



5. Core Group Meeting 3 (virtual)

Date: 27/05/2022

Location: Online (Teams)

Participants: 8

Organizers: Lluís Marsal

Main Points of the meeting:

- Review of new WG applications.
- Budget status
- Organization of the next f2f CG meeting in Aveiro
- Discussion about Dissemination Conference Grant
- Organization of the Training School in Aveiro
- WG activities

Decisions:

- ✓ It has been decided a quorum of 7/10 members of the CG to make decisions.
- ✓ The CG meeting in Aveiro is re-scheduled from 2 days to 1 the 8th of July.
- ✓ The conditions of acceptance or rejection of the Dissemination Conference Grants have been defined in this meeting.
- ✓ The budget of the TS will be increase from the non-spent budget of the MC meeting.
- ✓ Creation of an internal committee within each WG, 3-4 persons and the leader.
- ✓ Creation in a near future (maybe next GP) a special suymposium for COST.

6. 1st NetPoreTraining School – Aveiro (Portugal)

Date: 5-8/07/2022

Title: Introduction to porous materials: From design to Fabrication and Characterization Techniques.

Location: Department of Materials and Ceramics Engineering, University of Aveiro, Aveiro, Portugal.

Participants: 42

Organizers: Paula Ferreira and Hélder Santos.

Program:

	5th July	6th July	7th July	8th July
9h00		Leigh Canham, U. Birmingham	Lluís Marsal, U. Rovira i Virgili	Ester Segal, Israel Institute of Technology
9h30				
10h00		coffee	coffee	coffee
10h30		Nicolas Voelcker, U. Monash	Hatice Duran Durmuş, TOBB U.	Gerard Maciel Sotuela, Macias Sensors Ltd.
11h00				
11h30				
12h00				
12h30				
13h00	Lunch	Lunch & posters	Lunch & posters	Lunch & posters
13h30				
14h00	Welcome			
14h30	João Rocha, U. Aveiro	Moisés Pinto, U. Lisboa - IST & José Gomes, U. Aveiro	João Tedim & Alexandre Bastos, U. Aveiro	Sun and fun
15h00				
15h30	coffee	Project-based learning	Project-based learning	
16h00				
16h30				
17h00	3 minutes PhD Pitch	Poster session & Refreshment	Poster session & Refreshment	
17h30				
18h00				
18h30				
19h00	Dinner	Dinner	Dinner	
20h00				Farewell dinner
20h30				
21h00				
21h30				
22h00				

Lectures:

João Rocha | University of Aveiro, PT : **THE IMPORTANCE OF BEING POROUS: METAL ORGANIC FRAMEWORKS AND SILICATES**

Leigh Canham | University of Birmingham, UK : **INDUSTRIAL TRANSLATION OF NANOPOROUS SILICON**

Nicolas Voelcker | Monash University, AUS: **BIOMEDICAL APPLICATIONS OF POROUS SILICON**

Moisés L. Pinto | University of Lisbon, PT and **José R.B. Gomes** | University of Aveiro, PT: **GAS ADSORPTION BY POROUS MATERIALS**

Lluís Marsal | University Rovira i Virgili, ES: **ELECTROCHEMICALLY ENGINEERED MACROPOROUS SILICON AND NANOPOROUS ANODIC ALUMINA STRUCTURES**

Hatice Duran | TOBB University of Economics and Technology, TR: **INTERFACE CHEMISTRY IN POROUS MATERIALS**

Alexandre Bastos | University of Aveiro, PT and **João Tedim** | University of Aveiro, PT: **ANODISING OF ALUMINIUM**

Ester Segal | Technion – Israel Institute of Technology, IL: **INTRODUCTION TO OPTICAL BIOSENSORS BASED ON POROUS SEMICONDUCTORS**

Gerard Maciel Sotuela | Macias Sensors Ltd., UK: **AN INDUSTRIAL PERSPECTIVE ON POROUS BIOSENSING DEVICES**



**For more detailed information about the 1st NetPore Training School see the Training School Report in <https://netpore.eu/NTP/usdoc.php>.*

7. Core Group Meeting 4 (virtual)

Date: 30/09/2022

Location: Online (Teams)

Participants: 8

Organizer: Lluís Marsal

Main Points of the meeting:

- New MC nominations and review of the new WG applications.
- Organization of the next CG/WG meeting in Brno (Czech Rep): Budget, agenda and participation.

Decisions:

- ✓ All new WG applications have been accepted.
- ✓ The agenda for the CG meeting have been decided and approved.
- ✓ The WG meeting has been defined: short talk sessions in the morning and discussion in the afternoon.

8. Core Group/Working Group Meeting – Brno (Czech Rep)

Date: 17/10/2022

Location: OREA Congress Hotel Brno, Krizkovskeho 458/47, Brno, Czech Republic

CG Meeting

Participants: 11

Organizer: Jan Macak and Lluís Marsal

Main Points of the meeting:

- Membership and new applications.
- Review of the 1st Grant Period: Revision of MoU objectives, preparation of deliverables and requirements, timeline, budget etc.
- Discussion, evaluation and improvements.
- Draft of the W&BP of the 2nd GP.

Table 2. Draft of the WBP of the 2nd GP

Networking tool	Quantity	Budget (EUR)
Meetings	CG virtual meeting: 5	1,050
	CG face-to-face meeting: 2	12,950
	MC meeting: 1	30,126
	WG meeting: 2	21,600
Training School	1	14,050
Grants	STSM: 8-10	16,000
	ITC Conf. Grants: 8-10	13,600
	Dissemination Conf.	3,000
Action Dissemination	NETPORE Website maintenance	1,500
	Scientific publications	2,000
	Dissemination of the action	1,600
OERSA	Trainins School expenses	350
FSAC (15%)		17,674
TOTAL		135,500

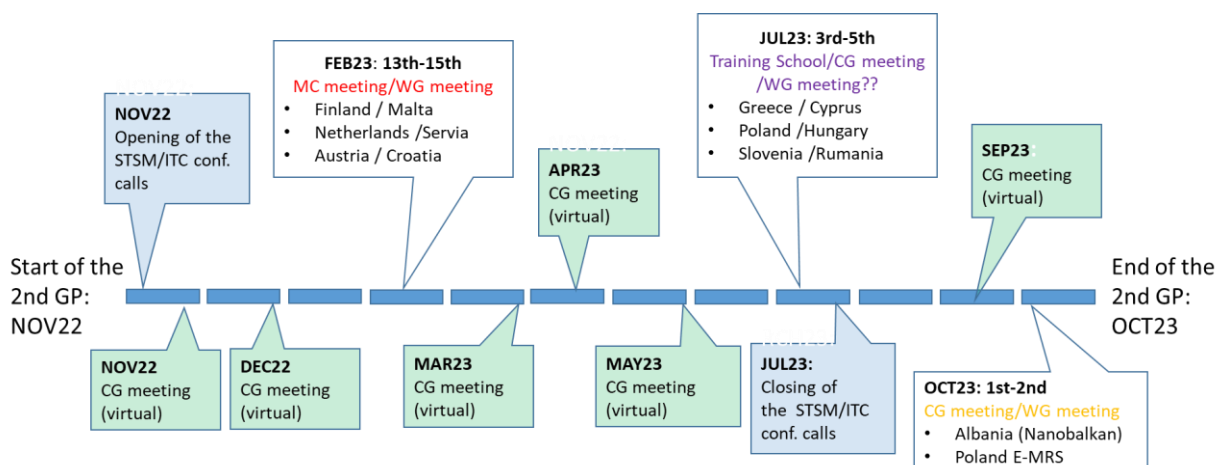


Figure 1 Timeline of activities of the 2nd GP.

Decisions:

- ✓ All new WG applications have been accepted.
- ✓ Action deliverables will be upload to the NETPORE Website intranet.

- ✓ The elaboration of the map of competences will be discussed in the next WG meeting (next day) and the work will be organised.
- ✓ The costs of the videos recorded during the 1st TS will be paid as a dissemination product.
- ✓ The OERSA will be claimed by the TS organiser.
- ✓ A new expense on dissemination products has been approved (dissemination materials).
- ✓ A new expense on promotional marketing gifts (USB memories) has been approved.
- ✓ The agenda for the WG meeting have been approved.
- ✓ The budget for the ITC grants will be the same the next Grant Period, increasing the reminders.
- ✓ The grant calls (ITC & STSM) will be modified including the points discussed in this meeting.
- ✓ The draft of the WBP for the 2nd GP (budget, items, dates and places) has been approved.

WG Meeting

Participants: 29

Organizers: Jan Macak, Giuseppe Barillaro and Lluís Marsal

Program:

9.00 - 9.10 Welcome to WG members.

9.10 - 10.10 Flash talks (10 min each)

10.10 - 10.40 Coffee Break

10.40 - 11.50 Flash talks (10 min each)

12.00 - 14.00 Lunch time

14.00 - 17.00 Brainstorming session

The timetable of the flash talks is shown below.

Table 3. Timetable of shart talks

Speaker	Presentation time
Ana Marques	9.10
Michela Alfe	9.20
Thierry Djenizian	9.30
Jarno Salonen	9.40
Ciro Chiappini	9.50
Vicente Torres-Costa	10.00
Coffee break	10.10
Vania Calisto	10.40
Mato Knez	10.50
Claudia Pacholski	11.00
Martin Trunec	11.10
Urska Lavrencic Stangar	11.20
Silvia Marchesan	11.30
José Richard Gomes	11.40

Main Points of the meeting:

- Organization of the WGs
- Discussion points: Special Issue, Review, Roadmap, Map of expertise, Workshop with companies, symposium in Turkey, Young Forum of WG members, Creation of an Instagram account, Webinars.

Decisions:

- ✓ WG leaders agree with the creation of new role that could co-lead each WG.
- ✓ WG leaders will propose some names the next CG meeting.
- ✓ Hélder Santos will coordinate the special issue.

- ✓ A dynamic roadmap based on applications has been proposed including WG1-4. A finalize document could be delivered in 1-2 years.
- ✓ The map of expertise will be organized by topics or interests.
- ✓ A workshop with companies could be included next year. A list of the companies that could be interested in this Action will be performed by Prof. Giuseppe Barillaro.
- ✓ Creation of an Instagram account.
- ✓ Webinars will continue as last year combining young and senior talks.

