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COST Action FP1201 (15/11/2012 – 14/11/2016)

Title: Forest Land Ownership Changes in Europe: Significance for Management and Policy (FACESMAP)

PROGRESS REPORT 2

This report is submitted by the MC Chair on behalf of the Management Committee and is validated by the Scientific Committee of the COST Association.

Confidentiality: the document will be made available to the public via the Action page on the COST website except for Section II.D.

Executive summary of the Progress Report:

The COST Action has been successfully working towards the planned tasks and activities. This includes the literature reviews and case studies in the country reports. The Action has been very active with WG meetings, STSMs and Training Schools. The planned European and regional level stakeholder workshops (forming the so-called "Travellab") achieved broad participation by practice. In fact, there was even one more Training School and one more European level stakeholder workshop than originally planned. Within the Travellab activities (success story 1) – by use of a Task Group and the two Training Schools – an innovative method for researchers-stakeholders interaction was developed and applied.

In addition, the Action was able to establish a fruitful collaboration with UNECE/FAO Forest and Timber Section with whom a joint forest owner survey ("Enquiry on Forest Ownership in the ECE Region" - success story 2) was initiated and which will form the basis for the planned database and forest ownership map. The data collection guide for this survey was jointly developed in an intense process by Action researchers and UNECE/FAO experts and with support from a core group which included experts from practice stakeholders. It will be filled and analysed jointly and will be publicly available after the Action lifetime through the UNECE/FAO database.

At date, most of the analysis work is ongoing in around 20 Task Groups and sub-groups which work on at least one scientific article each. The necessary structures have been established to secure the planned outputs and deliverables, including the relevant internal Task Groups and sub-groups as well as external relations with UNECE/FAO, EFI and stakeholders (e.g., forest owner organisations). A synthesis process has been initiated within the three Working Groups and a dissemination and outreach plan has been developed.

Outputs so far are the following: country reports, background papers, preliminary results (based on country reports, Travellab activities and ongoing sub-groups work). The production of the country reports was delayed when compared to the original plan but this was deliberately decided for securing the collaboration with UNECE/FAO. With this it was possible to develop jointly the revised data collection guidelines for the official Enquiry and at the same time to secure a profound database for the Action. Also the series of stakeholder workshops are important outputs which served as inputs and as dissemination at the same time. A proceedings publication is currently in process. The main outputs are planned for the final phase of the Action and include a conclusive stakeholder workshop in Brussels, a final scientific conference in Vienna, the forest ownership database and map on the basis of the ongoing joint enquiry with UNECE/FAO, as well as a Special Issue in the journal Forest Policy and Economics. Significant impacts are expected in the scientific community and in practice as planned in the MoU and beyond (e.g., through the cooperation with UNECE/FAO).

The Action strategically and systematically ensures the fulfilment of the COST policies: ITC participation, ECI promotion (STSM coordinator and ESR TG), gender balance, industry cooperation (Travellab) and international cooperation.



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Summary assessment of Progress Review by Action Rapporteur:

Privately owned forestland constitutes a significant share of European forests, while scientific insights into pertinent topics so far have been rather sporadic. FACESMAP demonstrates as a major scientific breakthrough, thanks to exemplary design and implementation of the Action that links researchers from multiple disciplines in 30 European countries.

The Progress Report clearly shows that Action advances according to the plans. Convincing evidence of the progress is available on the website, where all deliverables are presented in a well-structured and accessible manner. The Action is set up functionally, the diverse activities constituting a coherent whole. Background papers of each of three Working Groups provide valuable methodological and thematic overviews, setting a well-founded agenda for the key research questions to be addressed. Country reports and mid-term proceedings yield cumulative stock of information about forestland ownership, unprecedented by the scope and degree of detail. Workshops with local and European stakeholders serve as effective dissemination channels. The so-called Travellab workshops transform the traditional passive participation in conference excursions into enquiring format that activates scientists and effectively links science and practice. Training schools on stakeholder interactions and qualitative/mixed methods form a valuable tool for capacity building in important subjects, where research training is traditionally weak in many forest academic environments across Europe. Another tool for capacity building is constituted by the short-term scientific missions that are well-organised and documented. Both tools have been fruitfully targeting early career investigators in *Inclusiveness Target Countries*. A number of task groups are working on around 20 scientific peer review publications. Collaboration with UNENE/FAO is another exemplary achievement, going beyond the original plans of the Action. Generating information of improved quality, this is a win-win activity for both involved parties and will prospectively serve the European community of forest researchers and practitioners.

Overall, FACESMAP demonstrates an impressive progress, following the ambitious plans outlined in the Action's Memorandum of Understanding. This Review also provides a few recommendations pertaining to some conceptual developments, the quality of the European maps, and intended impacts on national level.

I. Progress Report

I.A. COST Action Profile

Objective/ Aim

Forest ownership is changing across Europe. In some areas a growing number of so-called “new” forest owners hold only small parcels, have no agricultural or forestry knowledge and no capacities or interest to manage their forests, while in others new community and private owners are bringing fresh interest and new objectives to woodland management. This diversity and change creates implementation problems for forest-related policies including biodiversity conservation, timber and renewable energy supply, climate change mitigation, or recreation.

The objectives of FACESMAP - Forest Land Ownership Change in Europe: Significance for Management and Policy - are: (1) To analyse attitudes and constraints of different forest owner types in Europe and the ongoing changes (outputs: literature survey, meta-analyses and maps). (2) To explore innovative management approaches for new forest owner types (outputs: case studies, critical assessment). (3) To study effective policy instruments with a comparative analysis approach (outputs: literature survey, case studies, policy analyses). (4) To draw conclusions and recommendations for forest-related policies, forest management practice, further education and future research.

The interdisciplinary work will be done in close cooperation with relevant public and private stakeholders. A COST Action FP1201 is suited for the strongly needed but still lacking comprehensive European overview and analyses.

Details

MoU:	4130/12	Start of Action:	15/11/2012
CSO approval date:	07/06/2012	End of Action:	14/11/2016

COST Member Countries and Cooperating State having accepted the MoU:

Parties							
Country	Date	Country	Date	Country	Date	Country	Date
Austria	05/07/2012	Belgium	12/02/2013	Bosnia and Herzegovina	13/06/2012	Bulgaria	22/06/2012
Croatia	13/07/2012	Czech Republic	18/09/2012	Denmark	04/07/2012	Estonia	20/06/2012
Finland	22/08/2012	France	05/10/2012	Germany	06/07/2012	Greece	09/11/2012
Hungary	25/06/2012	Ireland	05/07/2012	Italy	25/07/2012	Latvia	07/11/2012
Lithuania	08/05/2013	Norway	16/08/2012	Poland	10/12/2012	Portugal	06/11/2012
Romania	05/03/2013	Serbia	18/06/2012	Slovakia	09/08/2012	Slovenia	08/11/2012
Spain	13/07/2012	Sweden	20/09/2012	Switzerland	16/07/2012	Turkey	14/11/2013
United Kingdom	13/06/2012	fYR Macedonia	02/07/2012				

Intentions to Accept the MoU:

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Other participants: /

Contacts

Chair/ Vice Chair

Position	Name	Contact details	Country	Date of PhD:	Gender
Chair:	Dipl.-Ing. Dr. Gerhard Weiss	University of Natural Resources and Life Sciences; Feistmantelstraße 4, 1180 Wien; +43-1-47654-4405; gerhard.weiss@boku.ac.at	Austria	1999	M
Vice Chair:	Dr Anna Lawrence	Honorary Professor, Human Dimensions of Forestry Scottish School of Forestry University of Highlands and Islands 1 Inverness Campus, Inverness, IV2 5NA anna@randomforest.ink	United Kingdom	1999	F

Working Group Leaders

WG#	WG Title	WG Leader	Country	Date of PhD:	Gender	Number of participants
1	Forest ownership types and motives	Dr. Gun Lidestav	Sweden	1994	F	62
2	New forest management approaches	Dr. Diana Feliciano	Portugal/UK	2012	F	61
3	Forest owner related policies	Dr.Sc. Teppo Hujala	Finland	2009	M	58

Other positions if applicable (STSM Coordinator, WG Vice Leader, Task Force Leader...)

Position	Name	Country	Date of PhD:	Gender
STSM Coordinator	Dr. Zuzana Sarvašová	Slovakia	2003	F
Travellab Task Group Leader	Dr. Diana Feliciano	Portugal/UK	2012	F
Dissemination and Outreach Task Group Leader	Dr. Zuzana Dobšinská	Slovakia	2013	F
Early Stage Research Task Group Leader	Vladimir Stojanovski	fYR Macedonia	/	M
Database and Map Task Group Leader	Jo van Brusselen	Belgium	/	M

Action website: <http://facesmap.boku.ac.at/>

I.B. Progress with MoU objectives and deliverables and additional outputs

MoU objectives

MoU objective	Achieved Yes/ Partially/ No	Evidence of (partial) achievement including hyperlink to enable assessment of the achievement ¹ . Justification if full achievement is not foreseen
To analyse attitudes and constraints of different forest owner types in Europe and the ongoing changes (outputs: literature survey, meta-analyses and maps) WG1	Partially	<p>For each objective insert evidence of (partial) achievement including hyperlink to enable assessment (by the Action Rapporteur) of the achievement and access by end users</p> <p><i>*Most of the information and outputs related to the FACESMAP COST Action are publicly available at the Action website (http://facesmap.boku.ac.at/). In addition, and for the purpose of evaluation, the Rapporteur may create a profile on the FACESMAP website and thus access also the internal section of the Library where many of working documents can be found.</i></p> <p>Detailed information on the WG1 work on attitudes and constraints of different forest owner types in Europe and the ongoing changes has been compiled in country reports (see particularly chapters 3 and 4) (http://facesmap.boku.ac.at/index.php/library2/cat_view/94-country-reports) and comparative analyses are ongoing as part of the sub-groups work.</p> <p>An extensive literature review was done as part of the work on the country reports. Work on a journal article is in process. A draft literature analysis is included in the Background Paper for WG1, available at the website at: (http://facesmap.boku.ac.at/index.php/library2/doc_download/477-background-paper-of-working-group-1-forest-owner-types-in-europe-diversity-and-trends)</p> <p>Most recent results from the WG were included in a presentation on the preliminary results of the Action at the WG meeting and mid-term stakeholder workshop in Zagreb: (http://facesmap.boku.ac.at/index.php/library2/doc_download/459-zivojinovic-i-dobsinska-z-preliminary-results-of-the-cost-action-fp1201).</p>
To explore innovative management approaches for new forest owner types (outputs: case studies, critical assessment) WG2	Partially	<p>Detailed information on innovative management approaches with including case studies has been compiled in the country reports, particularly in chapter 5 Forest management approaches for new forest owner types (http://facesmap.boku.ac.at/index.php/library2/cat_view/94-country-reports) and comparative analyses are ongoing as part of the sub-groups work.</p> <p>A literature review was done as part of the work on the Background Paper for WG2 which can be found on the website at: (http://facesmap.boku.ac.at/index.php/library2/doc_download/478-background-paper-of-working-group-2-innovation-in-forest-management-for-new-forest-owner-types-a-literature-review)</p>

¹ The links to the outputs and deliverables will be used by the Action Rapporteur in assessing the progress.

<p>To study effective policy instruments with a comparative analysis approach (outputs: literature survey, case studies, policy analyses) WG3</p>	<p>Partially</p>	<p>Detailed information on forest ownership related policies and policy instruments has been compiled in the country reports, particularly in the chapters 6 on “Policies influencing ownership development / Policy instruments for new forest owners”: (http://facesmap.boku.ac.at/index.php/library2/cat_view/94-country-reports) and comparative analysis is ongoing as part of the sub-groups work.</p> <p>A literature review was done as part of the work on the Background Paper for WG3 – to be found at: (http://facesmap.boku.ac.at/index.php/library2/doc_download/479-background-paper-of-working-group-3-policy-and-forest-ownership-mutual-relations)</p>
<p>To draw conclusions and recommendations for forest-related policies, forest management practice, further education and future research</p>	<p>No</p>	<p>This part will largely take place during the last year of the Action, i.e. 11/2015-11/2016. The conclusions work has been prepared by several activities, including work on conceptual clarifications which were the basis for the country reports and the data collection with UNECE/FAO and which were included in the Background Papers from each WG (see above) and the stakeholder workshops (see under deliverables).</p> <p>Furthermore, the main goals and conceptual foundations of the Action were presented at the IUFRO World Congress in Salt Lake City in 2014. The ppt presentation is available here: (http://facesmap.boku.ac.at/index.php/library2/doc_download/244-iufro-2014-forest-land-ownership-in-europe-state-of-knowledge-and-conceptual-foundations)</p>

MoU deliverables

MoU deliverable	Level of progress ¹	Evidence of (partial) delivery achievement including hyperlink to enable assessment of the delivery ¹ . Justification if full achievement is not foreseen
<p>Deliverables (obj 1.) WG1</p> <p>Overview articles on research approaches, typologies and motives; a database, meta analysis and map of European forest ownership, property rights and forest owners'</p>	<p>Partially</p>	<p>Seven sub-groups are currently working on their article manuscripts which are based on the country reports as well as collected case studies. These are as follows:</p> <p>Jager et al. <i>Terminology of forest property regimes</i></p> <p>Klůvanková-Oravská et al. <i>Crafting Institutions for Robust Forest Social Ecological Systems: Multiple Methods Approach</i></p> <p>Jenny et al. <i>Legal forms of forest commons in Europe</i></p> <p>Follo et al. <i>Gender in European forest ownership and management – reflections on women as “new forest owners</i></p> <p>Matilainen et al. <i>Construction of forest ownership in different forest owning cultures in Europe</i></p> <p>Lidestav et al. <i>Understanding European private small-scale forest ownership - how useful are typologies to explain and predict behaviour</i></p> <p>Socha and Sioma. <i>The influence of afforestation on forest ownership structure and increased forest productive potential in Poland</i></p> <p>Lawrence et al. <i>Forests in common: learning from diversity and evolution in Europe’s community forests</i></p>

<p>attitudes towards their forests</p>		<p>Based on the data obtained from the joint UNECE/FAO/FACESMAP survey a set of maps will be created showing the ownership distribution across Europe and possible other relevant information if available (e.g. gender). Time of publication: end of the Action.</p> <p>Maps of the trends in Forest Ownership Change in Europe have been produced based on the assessments conducted in the Country Reports. These maps can be found at: http://facesmap.boku.ac.at/index.php/library2/cat_view/95-maps</p>
<p>Deliverables (obj 2.) WG2</p> <p>Critical assessment of management models, including silvicultural, organisational, planning, communication, business and marketing concepts; comparative articles on innovative approaches; case studies.</p>	<p>Partially</p>	<p>Three sub-groups are working on their article manuscripts based on the country reports as well as collected case studies. Four papers as follows are planned:</p> <p>Kajanus et al. <i>Business model generation in forest sector - new private forest owners</i></p> <p>Lawrence et al. <i>Forest extension and advisory services: bridging changes in governance and ownership in Europe</i></p> <p>Feliciano et al. <i>Forest owners' perceptions of forest management across Europe</i></p> <p>Feliciano et al. <i>Private forest owner's perceptions on forest management in Portugal: significance for forest policy</i></p> <p>At the IUFRO World Congress 2014 in Salt Lake City, a session was co-organised by the Action (represented by G. Weiss and E. Nybakk) on "Innovation in the Forest Sector – Maximizing the Sector's Competitiveness". http://iufro2014.com/wp-content/uploads/2014/09/14-USD-0003.ScientificProgram_Web.pdf</p>
<p>Deliverables (obj 3.) WG3</p> <p>Literature survey; case studies; comparative articles on governance models, policy instruments, stakeholder perceptions, and policy impacts</p>	<p>Partially</p>	<p>Six sub-groups are working on article manuscripts based on country reports as well as policy-related case studies. These are as follow:</p> <p>Nichiforel et al. <i>The liberalization index of property rights in the European private forestry</i></p> <p>Nichiforel et al. <i>Assessing the changes in property rights distribution in European private forestry in the last 2 decades</i></p> <p>Sarvašová Z., Ali T., Djordjevic, I., Mizaraite D., Quiroga Gómez S., Suárez Gálvez C. <i>Understanding the drivers for NATURA 2000 payments in forests: a Heckman selection analysis.</i></p> <p>Quiroga S, Suárez C., Nickiforel L., Hujala T. <i>Analysing multi-product economic efficiency relative to forest ownership types in Spain: Implications for management and policy.</i></p> <p>Quiroga S., Suárez C., Nichiforel L., Teder M., Avdibegovic M., Mantzanas K., Hujala T. <i>A regional comparison of wood efficiency responding to forest ownership changes around Europe.</i></p> <p>Based on a literature review, a Background Paper has been written; the draft paper (see above) can be found at the website at:</p>

		<p>http://facesmap.boku.ac.at/index.php/library2/doc_download/479-background-paper-of-working-group-3-policy-and-forest-ownership-mutual-relations)</p> <p>This work will yield an article publication in the mid-term FACESMAP proceedings, which will be published on the website with ISBN number at the end of September 2015. Authors: Sonia Quiroga, Cristina Suárez, Zuzana Sarvašová, Ulrich Schraml, and Teppo Hujala; title: “Policy and forest ownership: mutual relations”.</p>
<p>Deliverables (obj 4.)</p> <p>Stakeholder workshops; synthesis articles; final conference and book publication/ or special issues of international peer-reviewed journals; proposals for refined data collection guidelines with international organisations; proposals for action with policy-makers and interest groups.</p>	<p>Partially</p>	<p>An initial European level stakeholder workshop was organised by the COST Action FACESMAP together with practice partners in Rovaniemi (Finland) on 11.12.2013. The aims of the workshop were (1) to document the most pressing issues in policy-making and practice connected with the changing forest ownership patterns in Europe, and (2) to jointly formulate research questions to be tackled by the scientific COST Action – FACESMAP. More information and the summary results can be found here http://facesmap.boku.ac.at/index.php/activities/stakeholder-workshops/stakeholder-workshop-initial-phase-of-the-action</p> <p>Another European level stakeholder workshop was organised jointly with the Confederation of European Forest Owners (CEPF) at mid-term of the Action on 10.06.2015 in Zagreb, Croatia. The aim of the workshop was to discuss the preliminary results of the COST Action FACESMAP with stakeholders from policy and practice (representatives of the national private forest associations, as well as representatives of forestry authorities) across Europe, e.g. from Croatia, Slovenia, Austria, and other European regions. More information find here: http://facesmap.boku.ac.at/index.php/activities/stakeholder-workshops/stakeholder-workshop-mid-term-review</p> <p>Regional stakeholder meetings have been organised so far at the following meetings: Sopron, HU (CEE), Solsona, ES (Mediterranean region), Helsinki, FI (Northern Europe), Freiburg, DE (Central Europe) and Zagreb, HR (SEE). These meetings are part of the co-called “Travellab”, which is a joint learning process from facilitated interaction with policy and practice stakeholders relevant for the objectives of the COST Action. The objective of the method is to understand the diversity of forest issues across Europe, and also to understand stakeholders’ views on forestry problems on local/regional and European scale. Further Travellab events will be organised in Krakow, PL (Eastern Europe) and Inverness, UK (Western Europe). More information find here: http://facesmap.boku.ac.at/index.php/activities/travellab</p> <p>A concluding European level stakeholder workshop will be organised in the final phase of the Action in Brussels, BE. The aim of the workshop will be to present and discuss the results of the COST Action FACESMAP with stakeholders from policy and practice (representatives of forest owners associations, as well as representatives of forestry authorities and the EC). As an output of the series of stakeholder workshops, a set of proposals for action is planned with policy-makers and interest groups.</p> <p>In April 2014, collaboration with UNECE/FAO Forestry and Timber Section was established for a joint survey of “Forest Ownership in the ECE Region”. More details: http://facesmap.boku.ac.at/index.php/activities/forest-ownership AND http://www.unece.org/forests/areas-of-work/forestsforestresourceswelcome/forestsfr-methodsandprocesses/forest-ownership.html</p> <p>An Enquiry was sent to national delegates in June 2015, and FACESMAP representative will be active in the filling of the enquiry together with the national UNECE/FAO delegates. Responses are expected in November 2015. (Survey find here:</p>

	<p>http://www.unece.org/fileadmin/DAM/timber/fra/PFO/fo2015/documents/Forest_Ownership_Questionnaire.doc</p> <p>The survey applies a refined data collection guideline which was based on an earlier enquiry by UNECE/FAO (2005) and jointly revised with the COST Action and a group of practice partners.</p> <p>Based on the data obtained from the joint UNECE/FAO/FACESMAP survey a set of maps will be created showing the ownership distribution across Europe and other related information (e.g. gender). Time of publication: end of the Action.</p> <p>Maps of the trends in Forest Ownership Change in Europe have already been produced based on the assessments conducted in the Country Reports. They are published on our website at: http://facesmap.boku.ac.at/index.php/library2/cat_view/95-maps</p> <p>A mid-term Action proceedings publication is being currently produced and planned to be published in the end of September 2015. It will be a compilation of preliminary results obtained during the action. The proceeding will include keynotes from invited speakers at our WG meetings, background papers from working groups, synthesis results from country reports, results from STSMs, training schools, etc.</p> <p>A special issue of the journal Forest Policy and Economics has been agreed and scheduled for the end of the Action. Preliminary title of the special issue is „Forest ownership changes in Europe“. It will contain selected papers from the Action as well as invited papers from the Action Final Conference related to the topic of the Action.</p> <p>A number of sub and task groups are active, producing analysis papers for scientific, peer-reviewed journals.</p> <p>The final conference will be held in Vienna (tentatively September 2016). Final results of the Action will be presented there. There will be a call for papers as well as invited keynote presentations. Conference proceedings are planned as a book of abstracts or full paper proceedings. Time of publication: end of the Action.</p> <p>The outreach and scientific dissemination work is guided and coordinated through a specific Task Group and an outreach and dissemination plan.</p>
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Co-authored publications and FP7/ H2020 proposals

The co-authored publications and FP7/ H2020 proposals/ projects resulting from the Action are listed on the page following the “Additional outputs and achievements” section

Additional outputs and achievements

<p>Please describe any other outputs and achievements that have resulted or are in progress, focusing in particular on those that contribute to the COST mission of “COST enables break-through scientific developments leading to new concepts and products and thereby contributes to strengthen Europe’s research and innovation capacities.”</p>
<p>Please describe any additional outputs and achievements from the Action</p> <p>FACESMAP COST Action organised so far 2 Training Schools, which supported involvement of ESR researchers. These were:</p> <ol style="list-style-type: none"> 1. Training School on Stakeholder Interaction, 13-15 October 2013 in Solsona, Spain. Description of the training school and presentations from training school lecturers can be found here: http://facesmap.boku.ac.at/index.php/activities/training-school/training-school-on-stakeholder-

[interaction](http://facesmap.boku.ac.at/index.php/activities/training-school/training-school-on-qualitative-and-mixed-research-methods) 2. Training School on Qualitative and Mixed Research Methods, 4-8 May 2014 in Umea Sweden. Description of the training school and posters of training school participants presented at the 5th WG meeting in Zagreb can be found here: <http://facesmap.boku.ac.at/index.php/activities/training-school/training-school-on-qualitative-and-mixed-research-methods>

Collaboration with UNECE/FAO established for joint work on the “Enquiry on Forest Ownership in the ECE Region” is achievement in terms of the networking between science and practice communities, and is valuable for the better quality of gathered data, expansion of the countries covered by Enquiry and for the joint utilisation of the data for producing scientific publications. (More details: <http://facesmap.boku.ac.at/index.php/activities/forest-ownership> AND <http://www.unece.org/forests/areas-of-work/forestsforestresourceswelcome/forestsfr-methodsandprocesses/forest-ownership.html>)

Furthermore, since the beginning of the Action, close connections are established with the **European level stakeholders**, in particular representing forest owners in Europe (Confederation of European Private Forest Owners CEPF; European State Forest Association EUSTAFOR; European Federation of Municipal Forest Owners FECOF). Through regular organisation of workshops, the Action aims to provide, beside scientific, also practice and policy relevant/needed results: (<http://facesmap.boku.ac.at/index.php/activities/stakeholder-workshops>)

Co-authored publications

Enter in the table below only publications on the topic of the Action, co-authored by at least two Action participants from two different countries participating in the Action and for which the Action networking added value. A maximum of ten publications may be entered. If the Action has more than ten such publications the Core Group should select the ten most significant ones to include in the table below.

NO.	Bibliographic data (including: Title, Authors, Title of the periodical or the series, Issue number or volume, Publisher, Year of publication, Relevant pages)	Main author	Number of authors	Action participants listed among the authors (Name, country and role ²)	WGs involved in publication	Date of submission (must be after Action start date)	Expected date of publication (if not already published)	Persistent link to publicly available version of the paper (if available) or the abstract	Is/Will open access ³ provided to this publication?	Is/ will COST be cited/ acknowledged in the publication?	Are/ will COST funds (be) implicated in this publication	Relevance to H2020 Societal Challenges ⁴ ?	Is it peer-reviewed?	Was the added value of the Action Networking necessary for the publication	Impact Factor (if applicable)
1	Sarvašová, Z., Zivojinovic, I., Weiss, G., Dobšinská, Z., Drágoi, M., Gál, J., Jarský, V., Mizaraite, D., Pöllumäe, P., Šálka, J., Schiberna, E., Šišák, L., Wolfslehner, B., Zalite, Z., Zalitis, T., 2015: Forest Owners Associations in the Central and Eastern European Region. Small-scale Forestry 14:217–232	Zuzana Sarvašová	15	All authors are Action participants Zuzana Sarvašová 0 STSM coordinator Gerhard Wiess-Action Chair	WG3	November 2014	2015	10.1007/s11842-014-9283-5	yes	no	no		yes	no	0.971
2	Hamunen, K., Appelstrand, M., Hujala, T., Kurttila, M., Sriskandarajah, N., Vilkriste, L., Westberg, L. & Tikkanen, J. 2015. Defining peer-to-peer learning – from an old “art of practice” to a new mode of forest owner extension? To appear in Journal of Agricultural Education and Extension, DOI: 10.1080/1389224X.2014.939199	Katri Hamunen	8	Teppo Hujala, Finland, MC substitute; Lelde Vilkriste, Latvia, MC member	WG2, WG3	28.10.2013	15.8.2015	10.1080/1389224X.2014.939199	no	no			yes	no	
3	Gro Follo, Gun Lidestav, Alice Ludvig, Lelde Vilkriste, Teppo Hujala, Heimo Karppinen, Francois Didot and Diana Mizaraite (2015) Gender in European forest ownership and management – reflections on women as “new forest owners”. Scandinavian Journal of Forest Research (submitted)	Gro Follo	8	All authors are Action participants G.Lidestav, Sweden, WG1 leader T.Hujala, Finland, WG3 leader	WG1	2015				yes			yes	yes	2013 Impact Factor: 1.115
4	Zivojinovic, I., Weiss, G., Lidestav, G., Feliciano, D., Hujala, T., Dobsinska, Z., Lawrence, A. Nybakk, E., Quiroga, S., Schraml, U. (2015). Forest Land Ownership Change in Europe. COST Action FP1201 FACESMAP Country Reports, Joint Volume. EFICEEC-EFISEE Research Report. University of Natural Resources and Life Sciences, Vienna (BOKU), Vienna, Austria. ISBN 978-3-900932-26-8 [Online publication]	Ivana Zivojinovic	10	All authors are Action participants and are SG members	WG1 WG2 WG3	/	2015	http://www.eficeec.efi.int/portal/library/publications/reports/ AND http://facesmap.boku.ac.at/index.php/activities/country-reports	yes	yes			no	yes	/
5															
6															
7															
8															
9															
10															

² MC Member/ MC Substitute/ MC Observer/ WG Member/ Training School Trainee/ STSM Recipient/ Other Action Participant

³ Open Access is defined as free of charge access for anyone via Internet. Please answer “yes” if the open access to the publication is already established and also if the embargo period for open access is not yet over but you intend to establish open access afterwards.

⁴ H2020 Societal Challenges are “Health, demographic change and wellbeing”; “Food security, sustainable agriculture and forestry, marine and maritime and inland water research, and the Bioeconomy”; “Secure, clean and efficient energy”; “Smart, green and integrated transport”; “Climate action, environment, resource efficiency and raw materials”; “Europe in a changing world - inclusive, innovative and reflective societies”; “Secure societies - protecting freedom and security of Europe and its citizens”

I.C. Networking

Added value of the Networking
<p>Please describe here the added value of the networking, highlighting in particular anything that would not have happened without the Action networking.</p> <p>Action will produce a number scientific papers related to forest ownership topic, with authors from multiple European countries.</p> <p>Raising awareness in all European regions among researchers, policy-makers and service providers on the issues relating to changing forest land ownership. The Travellab is designed for mutual exchange between researchers and stakeholders.</p> <p>Particularly early stage researchers were able to get connected and networked, contributing to common European perspective on forest ownership research as well as internationalization of young researchers of this field, which is important to the European bio-economy.</p>
Extent of the networking
<p>Describe the extent of the networking among the participants in the Action. Were all participants integrated into the networking equally? Were those targeted by COST policies on Inclusiveness Target Countries (ITCs), Early Career Investigators (ECIs)/ Young Researchers, and gender balance fully integrated into the Action networking?</p> <p>The MC and SG specifically paid attention to diversity participation by means of applying specific criteria in STSM and TS application evaluation, including ESRs, gender balance and balance between European regions.</p> <p>From 30 involved countries, 16 belong to the ITC countries.</p> <p>In the Action is involved approximately 67 ESRs (37%). Networking of early stage researchers (ESR) was particularly fostered by means of establishing an ESR Task Group and providing time for the ESR group during the WG meetings and specific events such as a meeting with journal editors at WG meeting in Zagreb. Furthermore ESRs are supported via 2 training schools. And additional MC agreed to provide assistance to ESRs with publishing scientific papers, by acting as tutors and internal reviewers.</p> <p>In the Action are involved approximately 70 females (38%). From 54 MC members 22 are females. In managing position there are 5 females fulfilling 6 positions: Vice-Chair, WG1 leader, WG2 leader, STSM Coordinator, Travellab Task Group leader and Dissemination Task Group leader. Furthermore gender balance is supported also by inviting female keynote speakers and trainers for training school.</p>

I.D. Impacts

The impacts that have resulted, or might result from the Action are described in the following table.

Description of the impact	Type of impact ⁵	Timing of impact ⁶
Refined guidelines for the “Enquiry on Forest Ownership in the ECE Region” (UNECE/FAO)	Societal/ political	Achieved
Results from the “Enquiry on Forest Ownership in the ECE Region” (UNECE/FAO)	Scientific/ technological, societal	Foreseen within 2 years
Initial European Level Stakeholder Workshop “Forest Land Ownership Changes in Europe: Policy and practice Issues”, side event at the European Forest Week in Rovaniemi, Finland (METSÄ2013), 11 December 2013	Scientific	Achieved

⁵ Scientific/ technological, Economic, Societal

⁶ Achieved/ Foreseen within 2 years/ Foreseen 2-5 years/ Foreseen 5-10 years/ Foreseen 10+ years

Joint workshop with the Confederation of European Forest Owners (CEPF) , 5 th WG and MC FACESMAP meeting, Zagreb, Croatia, 10 June 2015	Scientific/ societal	Achieved
Final European Level Stakeholder Workshop , Brussels 2016 (planned to be co-organised with EFI and UNECE/FAO)	Societal	Foreseen within last year

I.E Dissemination and exploitation of Action results

Describe the Action's dissemination and exploitation approach as well as all activities undertaken to ensure dissemination and exploitation of Action results and the effectiveness of these activities.

In order to better disseminate the results of the COST Action, dissemination activities were divided into two groups – **scientific and outreach** - to better reach the target audience, in this case scientific community and practise. A clear distinction cannot be made, so there might be a possible overlap between outreach and scientific dissemination activities.

Dissemination activities are targeted to individual target groups and can be more or less successful. To find out if the dissemination strategy was well chosen and well implemented, it is important to evaluate all dissemination activities to monitor the quality and to see if they have achieved their aims. Evaluation of the dissemination plan will take place at each SG meeting.

Basic approach: continuous work in the Action in frame of the working groups (and related sub and task groups) will lead to the production of the dissemination material. Interaction with stakeholders by varying means is also supposed to strengthen and support dissemination activities. In practice this meant European level and regional workshops; "Travellab" field excursions to discuss with relevant foresters, forest owners and their representatives as well as policy makers. During the Action time organized management of scientific and practical dissemination of Action's results is done and supported by the Dissemination task-group.

Item/ activity	Target audience	Result	Hyperlink
OUTREACH ACTIVITIES - outreach activities are targeted at practise which means that the target groups are policy makers at different levels (EU, national, regional level), public administration, stakeholders, public, NGOs, consultants, etc.			
RESEARCH BRIEFS - Two possible research briefs max. 2 pages long will be issued - one about the MAP with method and results and one on main results from the Action.	policy makers, stakeholders, research	Time: end of action Media: internet, EFI news, IUFRO news	to come
POLICY RECOMMENDATIONS/ IMPLICATIONS - synthesis results from the Action (draft before the second EU level SH workshop for comments).	policy makers	Time: end of action Media: internet, printed	to come
SHORT COMMUNICATIONS IN NATIONAL PRESS - Presenting project results in home countries	practise, public	Time: during the action Media: internet, local media, newspaper, TV	to come

THINK FOREST EVENT - Presenting the main results from the action, the MAP Target group:	EU policy makers and stakeholders	Time: tbd Media: EU Parliament	to come
JOINT UNECE/FAO/ FACESMAP SURVEY Joint survey on forest ownership in Europe	Research, Practise	Time: Media: internet	to come
WEBSITE	public	Time: throughout the action and after	http://facesmap.boku.ac.at/
SCIENTIFIC DISSEMINATION			
COUNTRY REPORTS - Zivojinovic, I., Weiss, G., Lidestav, G., Feliciano, D., Hujala, T., Dobsinska, Z., Lawrence, A. Nybakk, E., Quiroga, S., Schraml, U. (2015). Forest Land Ownership Change in Europe. COST Action FP1201 FACESMAP Country Reports, Joint Volume. EFICEEC- EFISEE Research Report. University of Natural Resources and Life Sciences, Vienna (BOKU), Vienna, Austria. ISBN 978-3-900932-26-8 [Online publication]	scientific community, policy makers, stakeholders, public	Published online	http://facesmap.boku.ac.at/ index.php/library2/doc_download/ 465-fp1201-country-reports-joint- volume
MID-TERM PROCEEDINGS	scientific community	Will be published online, with an ISBN number	to come
SCI PAPERS - from sub-groups and task-groups - from UNECE/FAO/ FACESMAP report data	scientific community	Will be published in various journals (including Action Special Issue)	to come
MAP ON CHANGING FOREST OWNERSHIP	scientific community, policy makers, stakeholders, public	Online/and book	to come
SPECIAL ISSUE „FOREST LAND OWNERSHIP CHANGES IN EUROPE“	scientific community	Time: December 2017 Media: Forest Policy and Economics	to come
PROCEEDING FROM THE FINAL CONFERENCE	scientific community	Will be published online, with an ISBN number	to come

I.F. Implementation of COST policies

Policy implementation through specific initiatives and management of Action funds and participation (data from 1/1/2010 to XX/XX/201X see Annex 2)	
Action expenditure on ITCs is considered Excellent if >45%, Very Good if 40-45%, Fair if 30-35%, Poor if 20-30% and Fail if <20%.	
The Action spent 50 % of its budget on ITCs (data at point I.1 of Annex 2).	
Please comment here on the % of Action funds spent on ITCs with respect to the expectation that half of COST funds are spent on ITCs.	
Extent of implementation	Description of the implementation (achievement/ effort) ^{7/} comment
Inclusiveness Target Countries (ITC)	
<input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> None	<p>From 30 involved countries, 16 belong to the ITC countries.</p> <p>Involvement of these countries is strongly supported through the Action and also through the active involvement of the EFICEEC-EFISEE office of the European Forest Institute in the Action that is highly active in these countries (EFICEEC-EFISEE office is placed at BOKU, and Action Chair is deputy Head of the office).</p> <p>Involvement of ITC countries is furthermore supported through the selection criteria of STSM (e.g. from countries BA, MK, SK, SI, RS) and TS participants (e.g. from countries BA, EE, HU, LV, PL, RO, RS, SI).</p> <p>ITC are represented in the SG (STSM coordinator) and other functions (Leaders of ESR TG, Dissemination and Outreach TG) as well as leaders of sub-groups.</p> <p>Furthermore, three of the eight Action meetings were/will be organised in EE/SEE countries: Hungary, Croatia, Poland, which is also inproportionally high.</p>
Early Career Investigator (ECI)	
<input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> None	<p>Networking of early stage researchers (ESR) was particularly fostered by means of establishing ESR task group (leader: Vladimir Stojanovski, Macedonia) and organizing time for the group during the WG meetings, as well as organising 2 training schools. Papers of the ESRs from the training school will be published in the Mid-term proceedings, and new ESRs are invited to take part in the work of subgroups (according to their interest). Furthermore, MC agreed to provide assistance to ESRs with publishing scientific papers, by acting as a pre reviewers.</p>
Gender balance	
<input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> None	<p>In the Action it was taken care of gender issue through various means: active involvement of the females in the leading role (Vice-Chair, WG1 leader, WG2 leader, STSM coordinator), through the selection of the participants for training schools and STSMs, support for CGESR (Conference Grant for Early Stage Researchers – E.Gorritz in 2013), promotion at WG Meetings (keynote presentations, moderation).</p>
Contribution to the Innovation Union goals (industrial, SME cooperation)⁸	
<input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> None <input type="checkbox"/> N/A	<p>Stakeholder workshops containing business perspective</p> <p>Travellabs including representation of SMEs</p> <p>Enquiry – together with UNECE/FAO and business representatives</p>
International Cooperation	

⁷ Achievement is the extent to which the policy is actually implemented in the Action, effort is the effort expended trying to implement the policy (regardless of the results)

⁸ "Contribution to the Innovation Union goals" includes all participation of/ engagement with organisations from industry (services as well as products) that is aimed at enhancing their ability to use the outputs of the Action. Sponsorship of meetings by industrial organisations with the objective of selling products/ services to Action participants is not included.

<input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> None	<p>Key note invited to the Solsona meeting from USA (Brett J. Butler, U.S. Forest Service, presentation title “Forest Ownership Research in the United States: Past Accomplishments and Future Directions”, 16 October 2013)</p> <p>Cooperation with UNECE/FAO – forest owner survey in ECE region (see above).</p> <p>Action was presented at various international conferences: At the IUFRO World Congress 2014 in Salt Lake City, one session was co-organised by the Action (represented by G. Lidestav) on “Gender issues in forestry”. Another session was co-organised (represented by G. Weiss and E. Nybakk) on “Innovation in the Forest Sector – Maximizing the Sector’s Competitiveness”</p> <p>Presentations: Weiss, G., Lidestav, G. Nybakk, E. Schraml, U., Sarvasova, Z. and Lawrence A. “Forest land ownership changes in Europe: significance for management and policy”, IUFRO Congress Salt Lake City, Utah, USA October 05 – 11, 2014</p> <p>Brnkalakova, Kluvankova, Lidestav, Udovc. “Forest Commons and Community Forestry in Evolution in Europe”, XVth Biannual Conference of the International Association for the Study of the Commons: The Commons Amidst Complexity and Change, Edmonton, Canada, May 25-29, 2015</p> <p>Gun Lidestav, Gro Follo, Alice Ludvig, Lelde Vilkriste, Teppo Huijala, Heimo Karppinen, Francois Didolot, Diana Mizaraitė. “Numbers matter – Towards a better understanding of the role of women in European smallholder forestry”. IUFRO 3.08 SMALL-SCALE FORESTRY CONFERENCE IN AUSTRALIA (Sunshine Coast) 11-15 OKTOBER 2015 - accepted for oral presentation</p> <p>Karppinen, K. & Paaja. “Gender matters – women forest owners in Finland”. IUFRO 3.08 SMALL-SCALE FORESTRY CONFERENCE IN AUSTRALIA (Sunshine Coast) 11-15 OKTOBER 2015 - accepted for oral presentation</p>
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I.G Action success(es)

COST regularly communicates the successes of Actions. At this point in time what aspect(s) (outcomes and/ or impacts, rather than activities) of this Action is/ are the most suitable for communication?

Description of the success story	Dimension of the success <ul style="list-style-type: none"> ■ Breakthrough: scientific, technological or socioeconomic ■ Policy implementation (specify which policy) ■ Capacity building
<p>1. <u>Series of European Level and Regional Level Stakeholder Workshops (so-called “Travellab”):</u></p> <p>Under the name of “Travellab” an innovative method for stakeholder interaction has been successfully developed and applied. In the frame of this activity, we have organised a series of workshops for the purpose of exchanging experiences and expertise between policy and practice on one side and the researchers on the other. The events are co-organised with relevant stakeholder organisations, such as CEPF (Federation of European Forest Owners) on European level. The following workshops have been organised so far:</p> <ul style="list-style-type: none"> • Stakeholder Workshop - initial phase of the Action, Rovaniemi (FI) • Stakeholder Workshop - mid-term review, Zagreb (HR) 	<p>New participatory research method;</p> <p>Effective dissemination and validation of results.</p>

<ul style="list-style-type: none"> • Stakeholder Workshop - concluding phase of the Action, will be organised in Brussels (Belgium) in spring 2016. • Regional travellab activities are organised in: Sopron (HU), Solsona (ES), Helsinki (FI), Freiburg (DE), Zagreb (HR), Krakow (PL) and Inverness (UK) <p>The Travellab in fact pursues multiple objectives:</p> <ul style="list-style-type: none"> • Learning on the side of researchers: To gain a better understanding of practice issues in order to know priorities and to improve research questions; • Learning on the side of policy and practice participants: To gain insight into state-of-art research and project results. <p>In methodological view, the Travellab method is an advanced methodological approach for mutual learning of academic and non-academic participants within a multi-annual, interdisciplinary and interactive research project or programme. Within a conceptual framework for the whole project, it applies existing and new stakeholder interaction methods such as focus group discussion, plenary discussion, fishbowl, world café, market place, etc. For the purpose of interaction with stakeholders on local level, special formats have been developed in the frame of the Action, namely group interviewing in the field and a so-called stakeholder “carousel”. See Action website: http://facesmap.boku.ac.at/index.php/activities/travellab.</p>	
<p>2. <u>Collaboration with UNECE/FAO on the “Enquiry on Forest Ownership in the ECE Region”:</u></p> <p>On the basis of a formal collaboration agreement with UNECE/FAO and in cooperation with relevant stakeholder organisations and experts, the data collection instrument was developed and is currently implemented. The collaboration resulted in a refined data collection guideline. The collected data will be published in a public database and a report by UNECE/FAO and will be the basis for scientific analyses and the production of European maps on forest ownership.</p> <p>More information is available on the Action website and the UNECE website: http://www.unece.org/forests/areas-of-work/forestsforestresourceswelcome/forestsfrmethodsandprocesses/forest-ownership.html).</p>	<p>Capacity building in policy practice and across European countries;</p> <p>Improved policy implementation (enhancing statistical databases on forest ownership across UNECE region)</p>

II. Management Report

II.A. Overview of expenditure

Insert below in the yellow cells the summary of figures from the Yearly Financial Reports (YFRs) of completed Grant Periods and an IFR of any incomplete Grant Period – the Totals (non-yellow cells) will automatically sum.

	Grant Period 1	Grant Period 2	Grant Period 3	Grant Period 4	TOTAL
GP start and end dates	01/01/2013-31/12/2013	01/01/2014-30/11/2014	02/12/2014-31/12/2015	01/01/2016-14/11/2016	
Grant Holder institution	University of Natural Resources and Life Sciences, Vienna (AT)	University of Natural Resources and Life Sciences, Vienna (AT)	University of Natural Resources and Life Sciences, Vienna (AT)	University of Natural Resources and Life Sciences, Vienna (AT)	
Meetings	€185,277.85	€139,978.99	€122,950.00	€111,111.11	€559,317.95
Training Schools	€11,261.52	€0.00	€12,600.00	€11,111.11	€34,972.63
STSMs	€10,110.00	€12,880.00	€11,700.00	€11,111.11	€45,801.11
Dissemination	€2,500.00	€0.00	€0.00	€11,111.11	€13,611.11
OERSA ¹	€501.00	€236.00	€576.09	€11.11	€1,324.20
Total Scientific Expenditure	€209,650.37	€153,094.99	€147,826.09	€144,455.55	€655,027.00
FSAC ²	€31,321.77	€22,964.06	€22,173.91	€11,111.11	€87,570.85
TOTAL	€240,972.14	€176,059.05	€170,000.00	€155,566.66	€742,597.85

¹ OERSA = Other Expenses Related to Scientific Expenditure (e.g. bank charges)

² FSAC = Amount received by Grant Holder for Financial Scientific and Administrative Coordination

II.B. Budget and Participation management

II.B.1 Budget distribution and participation per Participating COST Country					
With reference to the data in Annex 2:					
1. <i>describe the extent to which Action funds were distributed evenly across the participating countries and explain/ justify any imbalances/ discrepancies</i>					
<p>It was taken care that at the each WG meeting the same number of participants was invited and reimbursed from each country, with the exception of persons with management functions (SG) that were allowed in addition. Furthermore, through the approval of the STSMs and training school participants we tried to assure that the applicants countries of origin vary and to have them as much as possible equally distributed in geographical terms across Europe.</p>					
2. <i>Describe the way in which the Networking Tools were used by the Action</i>					
<p>We used all networking tools available for any Action, so far we:</p> <ul style="list-style-type: none"> - organised 4 WG meetings - approved 12 STSMs - organised 2 training schools (at first TS – 25 trainees and 2 trainers were supported; at the second TS – 12 trainees and 2 trainers were supported) - small group meetings were foreseen for TG meetings and active sub-groups which needed additional meetings. 					
II.B.2 Budget spent in relation to individuals/ institutions outside participating COST countries					
<i>STSMs from or to institutions from countries other than Participating COST countries</i>					
The table below describes the added value STSMs to approved institutions in IPC or NNC or Specific Organisations and any STSMs from an approved institution in an NNC to a participating COST country.					
Grantee		Host		Date	Topic and value added to the Action
Institution	Country	Institution	Country		
NO such STSMs applications received in the Action so far.					
<i>Invited Speakers</i>					
The table below highlights the added value of Invited Speakers from COST countries that have not accepted the MoU and/ or non-participating NNC, IPC or Specific Organisations whose participation at a meeting or Training School was reimbursed by the Action.					
Participant name	Institution	Country	Event date	Topic and added value to the Action	
Brett J. Butler	U.S. Forest Service	USA	16.10.2013	"Forest Ownership Research in the United States: Past Accomplishments and Future Directions"	
<i>Dissemination meetings</i>					
The table below highlights the added value of Dissemination Meetings financed from Action funds.					
Participant name	Role	Country	Date	Location	Topic and added value to the Action
Gun Lidestav (Sweden)	WG1 Leader	USA	05 – 11 October 2014	Salt Lake City, Utah, USA	Presenting the Action. Presentation title "Forest Land Ownership Changes in Europe: State of Knowledge and Conceptual Foundations" http://facesmap.boku.ac.at/index.php/library2/doc_download/244-iufro-2014-forest-land-ownership-

					in-europe-state-of-knowledge-and-conceptual-foundations
Stanislava Brnkalakova (Slovakia)	ESR	Canada	25-29 May 2015	Edmonton, Canada	"Forest Commons and Community Forestry in Evolution in Europe", XVth Biannual Conference of the International Association for the Study of the Commons: The Commons Amidst Complexity and Change
Diana Feliciano (UK/Portugal)	WG2 Leader/MC	Russian Federation	20 November 2014	Kazan	Robert Michalak and Diana Feliciano (2014) Study on Forest Ownership in the ECE region, COFFI 72, 20 November 2014, Kazan, Russian Federation
Accepted for oral presentation					
Gun Lidestav (Sweden)	WG1 Leader	Australia	11-15 October 2015 -	Sunshine Coast	"Numbers matters – Towards a better understanding of the role of women in European smallholder forestry". IUFRO 3.08 SMALL-SCALE FORESTRY CONFERENCE
Heimo Karpinnen (Finland)	MC member	Australia	11-15 October 2015 -	Sunshine Coast	"Gender matters – women forest owners in Finland". IUFRO 3.08 SMALL-SCALE FORESTRY CONFERENCE

II.C. Participants

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Annex 1

Definitions:

COST Action Challenge (main aim)	“The research question addressed by the COST Action targeting scientific, technological, and / or socioeconomic problems”
COST Action Innovation	“The creation and / or development of new or improved concepts, products, processes, services, and / or technologies that are made available to markets, governments and society”
COST Action objectives	“COST Action objectives are the results that an Action needs to achieve in order to respond to meet its challenge. These are SMART (Specific, Measurable, Achievable, Relevant, Timely) and twofold: research coordination objectives and capacity building objectives.”
COST Action research coordination objectives	“Achieving these objectives turns COST Actions from initially scattered teams into one transnational team and leverages the existing funded research. These objectives entail the distribution of tasks, sharing of knowledge and know-how, and the creation of synergies among Action participants to achieve specific outputs.”
COST Action capacity building objectives	“Achieving these objectives entail building critical mass to drive scientific progress, thereby strengthening the European Research Area. They can be achieved by the delivery of specific outputs and / or through network features or types and levels of participation.”
COST Action networking activities	“any activities organised by the COST Action (whether or not directly funded by COST) in order to achieve research coordination and capacity building objectives.”
COST Action networking tools	“instruments through which eligible activities can be funded”
COST Action outputs	“direct results from the COST Action activities. These can be codified knowledge, tacit knowledge, technology, and societal applications.”
COST Action impact	“the short- to long-term scientific, technological, and / or socioeconomic changes produced by a COST Action, directly or indirectly, intended or unintended.”
COST Action deliverable	“a distinct, expected and tangible output of the Action, meaningful in terms of the Action’s overall objectives such as a report, a document, a technical diagram, a software etc. Action deliverables are used to measure its progress and success.”
COST Action milestones	“Control points in the Action that help to chart progress. They are also needed at intermediary points so that, if problems have arisen, corrective measures can be taken. A milestone may be a critical decision point in the Action where, for example, the MC must decide which of several technologies to adopt for further development (e.g. core group and MC meetings, mid-term reviews)”
Inclusiveness Target Country (ITC):	Current COST Member Countries targeted by the COST inclusiveness Policy (“Inclusiveness Target Countries” (ITC)): EU 13 (Bulgaria, Cyprus, Czech Republic, Estonia, Croatia, Hungary, Lithuania, Latvia, Malta, Poland, Romania, Slovenia, Slovakia), EU candidate countries (the former Yugoslav Republic of Macedonia, Republic of Serbia, Turkey) and potential EU candidate countries (Bosnia and Herzegovina). In addition, to comply with the EC criteria for ‘Spreading Excellence and Widening Participation’, Portugal and Luxemburg are included.