

WG4 - Coordination and organization of all networking, databases management, training and communication activities: conferences, workshops, training schools, web toolbox, open access databases, reports, publications, STSMs.

Coordinator: Nicolas Picard (FR – FAO)

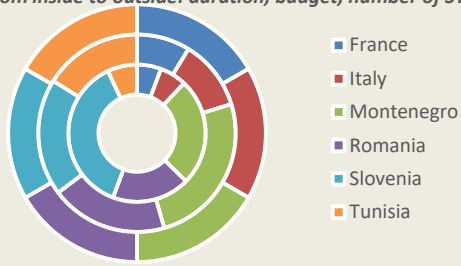
Co-coordinator: Valentina Garavaglia (IT, FAO, CREA SEL)

Participants (averaged): All

Deliverables assigned to WG4

<p>Guidelines for mainstreaming genetic diversity into sustainable forest management in the context of global change in Europe (including legal transfer issues) (D9).</p>	<p>WG3, WG1, WG2, WG4 - Opinion paper published: Fady B., Aravanopoulos F., Alizoti P., Mátyás C., von Wühlisch G., Westergren M., Belletti P., Cvjetkovic B., Ducci F., Huber G., Kelleher C., Bou Dagher Kharrat M., Kraigher H., Kramer K., Mühlethaler U., Peric S., Perry A., Rousi M., Sbay H., Stojnic S., Tijardovic M., Tsvetkov I., Varela M.C., Vendramin G.G., Zlatanov T., Evolution-based approach needed for the conservation and silviculture of peripheral forest tree populations. Forest Ecology and Management, 375, 66-75. doi:10.1016/j.foreco.2016.05.015</p> <p>A policy brief entitled “Marginal and peripheral forests: a key genetic resource for enhancing the resilience of European forest to global change” has been released and disseminated during several events. It has currently been translated in French, Portuguese and Ukrainian. The policy brief was distributed also during dissemination of the policy brief on marginal and peripheral forests World Forestry Congress (Durban, September 2015), UNFCCC COP 21 (Paris, December 2015), COFO 23 (Rome, July 2016).</p>	
<p>Conferences, workshops, training schools, open access databases, web toolbox, reports, publications, STSMs (D10).</p>	<p>WG4, WG1, WG2, WG3 –</p> <p>Training Schools</p> <p>All WGs were involved in the organisation of the Training Schools.</p> <p>Five training schools have been organized (in Chania (Greece) in 2013; in Huesca (Spain) in 2014; in Pieve Tesino (Italy) in 2015; in Fredensborg (Denmark) in 2016; in Novi Sad (Serbia) in 2016).</p> <p>The selection of STSM grantees was done by the Core Group and lead by the WG4, taking into account gender and geographical balance.</p> <p>Lecturers from all WG were selected for each training school.</p> <p>STSMs</p> <p>4 calls for STSM have been organized:</p> <ul style="list-style-type: none"> • In 2013: 14 selected grantees, 190 days of STSM • In 2014: 16 selected grantees, 563 days of STSM • In 2015: 9 selected grantees, 253 days of STSM • In 2016: 6 selected grantees, 158 days of STSM 	

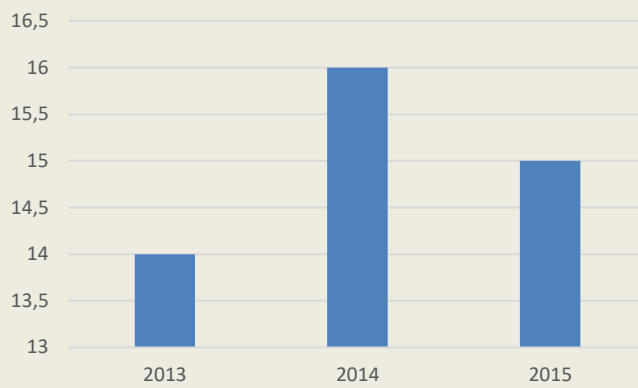
Distribution by country of origin (from inside to outside: duration, budget, number of STSM)
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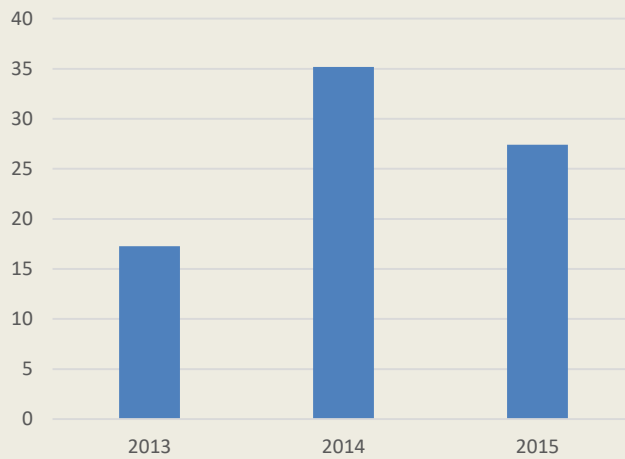
Distribution by host country (from inside to outside: duration, budget, number of STSM) *Distribution by host country (from inside to outside: duration, budget, number of STSM)*

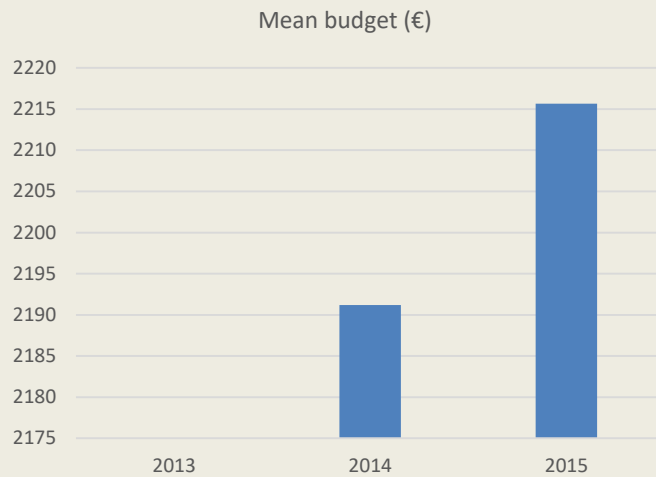


Number of STSM



Mean duration (days)





Publications

Publications related to Cost Action FP1202 are available at http://map-fgr.entecra.it/?page_id=74.

F. Ducci, V. Garavaglia, M.C. Monteverdi (2014) Conserver les populations marginales d'essences forestières en Europe. *Unasylva* **65**(242) :51-55.

Cristina Leonarduzzi, Andrea Piotti, Ilaria Spanu, Giovanni Giuseppe Vendramin (2016). Effective gene flow in a historically fragmented area at the southern edge of silver fir (*Abies alba* Mill.) distribution. *Tree genetics & genomes*, DOI: [10.1007/s11295-016-1053-4](https://doi.org/10.1007/s11295-016-1053-4)

GM Unger, M Heuertz, G.G. Vendramin, JJ Robledo-Arnuncio (2016). Assessing early fitness consequences of exotic gene flow in the wild: a field study with Iberian pine relicts. *Evol Appl* doi: [10.1111/eva.1233](https://doi.org/10.1111/eva.1233)

Photogallery

A photogallery on MaP FGR has been created and is available online (http://map-fgr.entecra.it/?page_id=78).

Dissemination events

- 7 December 2015: side event "Mediterranean forests and us facing climate change" at the Nature-based solutions pavilion in the Climate Generations area of the UNFCCC COP21, Le Bourget
- 20 July 2016: Side event at COFO23 on "MARGINAL AND PERIPHERAL FORESTS: A key genetic resource for enhancing the resilience of European Forests to global change".
Speakers:
 - Fulvio Ducci: Marginal and peripheral forests. A key genetic resource for enhancing the resilience of European forests to global change
 - Eduardo Notivol: Marginality: the core question

- Giovanni G. Vendramin: Forest genetic resources and marginal populations
- Bruno Fady: Conservation and use of forest genetic resources in the context of global change: what are marginal populations good for?

Main outcomes of the discussion:

- Areas where awareness on MaP should be raised: conservation, restoration, climate change
 - Conservation: consider MaP for in situ and ex situ conservation programs, when defining habitat conservation networks or high conservation value forests
 - Restoration: MaP as part of the solution (e.g. provide seeds that are adapted to different and contrasted environments)
 - Climate change: include MaP in garden tests, response of MaP to dieback and pests
- Make other countries benefit from the results of the COST Action
- Tools developed by the project to be included in the toolbox for forest monitoring and reporting
- COST FP1202, EUFORGEN and IUFRO WG 20213 joint Final Conference on “Marginal and peripheral tree populations: a key genetic resource for European forests”.

All activities undertaken in the context of the project are described in the website of the Action: http://map-fgr.entecra.it/?page_id=79