GenTree

Project ID: 676876
Funded under: H2020-EU.3.2.

Optimising the management and sustainable use of forest genetic resources in Europe

From 2016-03-01 to 2020-02-29, ongoing project | GenTree Website

Project details

<table>
<thead>
<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
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<tbody>
<tr>
<td>EUR 7 986 747,50</td>
<td>SFS-07b-2015 - Management and sustainable use of genetic resources</td>
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<tr>
<th>EU contribution:</th>
<th>Funding scheme:</th>
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<tbody>
<tr>
<td>EUR 6 700 000</td>
<td>RIA - Research and Innovation action</td>
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<th>Coordinated in:</th>
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<tr>
<td>France</td>
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Objective

The goal of GenTree is to provide the European forestry sector with better knowledge, methods and tools for optimising the management and sustainable use of forest genetic resources (FGR) in Europe in the context of climate change and continuously evolving demands for forest products and services. To reach its goal, GenTree will make scientific, technological and implementation breakthroughs in: (i) designing innovative strategies for dynamic conservation of FGR in European forests, (ii) broadening the range of FGR used by European breeding programmes, and (iii) preparing new forest management scenarios and policy frameworks fully integrating genetic conservation and breeding aspects, to adapt forests and forestry to changing environmental conditions and societal demands. GenTree focuses on economically and ecologically important tree species in Europe, growing in a wide range of habitats and covering different societal uses and values. The major outputs of GenTree will include: (i) much needed new scientific knowledge on phenotypic and genotypic diversity across environmental gradients in Europe, (ii) improved genotyping and phenotyping monitoring tools for practitioners, (iii) updated and refined data for information systems of in-situ and ex-situ FGR collections, (iv) innovative strategies for conservation, breeding and exchanging and using diversified forest reproductive material, (v) novel outreach and science-policy support tools to better integrate FGR concerns into forest management and better implement relevant international commitments in Europe. GenTree will improve the status and use of European in-situ and ex-situ FGR collections, support acquisition, conservation, characterisation, evaluation and use of relevant FGR in breeding and forestry practice and policy, will seek to harmonise, rationalise and improve management of existing collections and databases, and will strengthen the EU strategy for cooperation on FGR research and innovation.

Related information

<table>
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<tr>
<th>Report Summaries</th>
<th>Periodic Reporting for period 1 - GenTree (Optimising the management and sustainable use of forest genetic resources in Europe)</th>
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</table>
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EU contribution: EUR 244 000

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EU contribution: EUR 0

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Activity type: Higher or Secondary Education Establishments
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EU contribution: EUR 122 600

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EU contribution: EUR 0

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Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
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EU contribution: EUR 329 998,75

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EU contribution: EUR 0

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