

## Annex 2. Logframe of ECPGR (time frame: 2014-2018)

Objectives	Indicators	Important assumptions	Remarks
<p><b>Super Goal(s)</b></p> <p><i>Agrobiodiversity is secured; Food security is improved; Sustainability of food production has increased</i></p> <p><i>European agriculture has become more resilient to climate change; Stability and quality of EUR varieties have increased</i></p>			
<p><b>Goal</b> (Long-term goal to which ECPGR Contributes)</p> <p><i>National, sub-regional and regional programmes in Europe collaboratively, rationally and effectively conserve ex situ and in situ PGRFA, provide access and increase utilization</i></p>	<ul style="list-style-type: none"> <li>- Number of SMTAs signed</li> <li>- Number of accessions included in SMTAs</li> <li>- Number of accessions registered in EURISCO</li> <li>- Number of European Accessions registered as AEGIS accessions</li> <li>- Number of collections AQUAS-certified</li> <li>- Number of crops for which complementary <i>in situ</i> and <i>ex situ</i> conservation programmes exists</li> <li>- Number of contributing partners</li> <li>- Number of national and sub-regional programmes</li> <li>- Number of accessions included in breeding programmes/new varieties</li> </ul>	<ul style="list-style-type: none"> <li>- An increasing number of ECPGR member countries sign AEGIS agreement</li> <li>- Funds for conservation, research and qualified personnel and researchers are available</li> </ul>	

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<p><b><u>Purpose / Outcomes</u></b> (attributable to ECPGR within one phase)</p>			
<p>1. <b>AEGIS</b> is operational and accessions in AEGIS are characterized and evaluated</p>	<ul style="list-style-type: none"> <li>- Number of accessions in AEGIS which are characterized and evaluated and included into EURISCO</li> <li>- Number of MoUs (% of EUR countries)</li> <li>- Number of Associate Membership Agreements (absolute numbers)</li> <li>- Feedback of users (based on outcome of survey)</li> </ul>		
<p>2. The functionality of <b>EURISCO</b> meets users' expectations and quantity and quality of data in EURISCO have been increased, including <i>in situ</i> and on-farm data</p>	<ul style="list-style-type: none"> <li>- Number of national inventories (NIs) regularly updated and uploaded to EURISCO</li> <li>- Number of <i>in situ</i>/on-farm data sets in EURISCO</li> <li>- C&amp;E data available in EURISCO</li> <li>- Number of evaluation data added on annual basis</li> <li>- Degree of compatibility with the international information systems</li> <li>- Feedback of users (based on outcome of survey)</li> </ul>	<ul style="list-style-type: none"> <li>- Countries invest into the establishment and/or improvement of data repositories for high-quality characterization and evaluation data</li> <li>- Countries are prepared to share their data</li> </ul>	

Objectives	Indicators	Important assumptions	Remarks
<p>3. <b><i>In situ</i></b> and on-farm conservation and management concepts are agreed</p>	<ul style="list-style-type: none"> <li>- Agreement on ECPGR <i>in situ</i> concept(s)</li> <li>- <b>To be developed, pending agreement on concept</b></li> </ul>		<p><b>Proposed indicators:</b></p> <ul style="list-style-type: none"> <li>- Number of accessions conserved <i>in situ</i> and on-farm</li> <li>- Complementarity between <i>in situ</i> and <i>ex situ</i> conservation</li> <li>- Monitoring of conserved accessions <i>in situ</i>/on-farm</li> <li>- Satisfaction of researchers and farmers</li> </ul> <p><b>Proposed assumptions:</b></p> <ul style="list-style-type: none"> <li>- Functioning cooperation between Ministries responsible for <i>in situ</i> management in each member country</li> <li>- Cooperation between stakeholders for on-farm conservation (government, genebanks, local communities, botanic gardens, farmers, NGOs) can be strengthened</li> </ul>
<p>4. <b><i>Commitment and regular resources</i></b> of national governments is sustained or increased and commitments and resources of the EC, as well as of other potential donors towards ECPGR are increased</p>	<ul style="list-style-type: none"> <li>- Cumulative funding obtained from EU or other donors on annual basis</li> <li>- Number of countries renewing ECPGR membership each Phase</li> <li>- Regular payment of membership contribution</li> <li>- Outstanding membership contributions submitted</li> </ul>	<ul style="list-style-type: none"> <li>- ECPGR recognized by EU as a formal regional instrument of cooperation</li> </ul>	

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5. <b>Relations with users</b> of germplasm are strengthened	<ul style="list-style-type: none"> <li>- Number of joint activities/interactions between ECPGR (WGs, individuals) and research/breeding sectors or organizations and farmers</li> <li>- Number of evaluation/characterization projects implemented by users with genebank material</li> <li>- Number of germplasm requested by farmers, breeders and researchers</li> <li>- Number of breeders/users participating in ECPGR WG meetings</li> <li>- Number of new varieties including germplasm from genebanks</li> </ul>	<ul style="list-style-type: none"> <li>- Users continue to demand and value diversity</li> </ul>	
6. <b>Organizational structure and secretarial support</b> are adequate to effectively sustain the operations of ECPGR	<ul style="list-style-type: none"> <li>- Number of permanent positions at Secretariat</li> <li>- Number of meetings of Executive Committee and Steering Committee</li> </ul>		
<b><u>Outputs (need to be completed with delivery date)</u></b>			
1. <b>AEGIS</b>			
1.1 Formalization of AEGIS membership	<ul style="list-style-type: none"> <li>- Number of AEGIS crop collections established and managed as AEGIS collections</li> <li>- Increased number of AEGIS member countries and associated members</li> </ul>		
1.2 AQUAS	<ul style="list-style-type: none"> <li>- AQUAS agreed and operational</li> </ul>		
1.3 Mobilize funds to help European Genebanks becoming AQUAS-certified	<ul style="list-style-type: none"> <li>- Financial support for upgrading available</li> </ul>		

Objectives	Indicators	Important assumptions	Remarks
1.4 Establish and operate European Collection	- Number of European Accessions		
1.5 Capacity building of Associate Members	<ul style="list-style-type: none"> <li>- AQUAS management procedures in place for collections maintained by Associate Members</li> <li>- Investments for training and infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>- Associate Members have capacities to support other Associate Members</li> </ul>	
<b>2. EURISCO</b>			
2.1 All National Focal Points effectively update national inventories	<ul style="list-style-type: none"> <li>- Regular/yearly updates of national inventories provided to EURISCO contact points</li> <li>- Average number of updates/NI/year</li> </ul>		
2.2 Inclusion of C&E data in EURISCO – quality – coverage	<ul style="list-style-type: none"> <li>- Number of C&amp;E data sets in EURISCO</li> </ul>		
2.3 Inclusion of <i>in situ</i> /on-farm data in EURISCO	<ul style="list-style-type: none"> <li>- Formats to effectively document <i>in situ</i> management information incorporated into EURISCO</li> <li>- Number and categories of <i>in situ</i> data sets in EURISCO</li> </ul>	<ul style="list-style-type: none"> <li>- Structure of EURISCO is expanded for inclusion of <i>in situ</i>/on-farm data</li> </ul>	

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<p><b>3. <i>In situ</i></b></p>			<p><b>Proposed outputs:</b></p> <ul style="list-style-type: none"> <li>- Establishment of inventories of potential <i>in situ</i> populations</li> <li>- Undertaking national genetic gap analysis of CWR species as a basis for the establishment of national CWR conservation plans</li> <li>- Establishment of reserves for targeted species (including complementarity with <i>ex situ</i> collections)</li> <li>- Incorporation of legislative protection of CWR species and genetic diversity at both national and European levels</li> <li>- Establishment of national LR inventories</li> <li>- Establishment and implementation of National LR conservation strategy</li> </ul> <p><b>Proposed indicators</b></p> <ul style="list-style-type: none"> <li>- Number of national inventories established</li> <li>- Number of new reserves established with documented attention to CWR (measure at national and European scale)</li> </ul>
<p>3.1 Draft concepts developed and discussed</p>			
<p>3.2-onwards <b>To be developed after adoption of concepts (see proposals in remarks column 3.)</b></p>			

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<b>4. Resources</b>			
4.1 Establish a strategy for the relation ECPGR – EC/EU	- Regular dialogue with EU		
4.2 Increased awareness of the value of PGRFA at all levels (decision-makers at National and EU level)	- Number of meetings organized with the EU to discuss PGRFA with decision-makers - Regular contributions to the programme		
4.3 Increased collaboration between ECPGR and ITPGRFA and FAO Commission	- MoU with Secretariat of ITPGRFA about regional role of ECPGR		
4.4 See remarks (to be discussed)			<p><b>Proposed output:</b> Increased awareness of the value of PGRFA at all levels (Public and Users)</p> <p><b>Proposed indicators:</b></p> <ul style="list-style-type: none"> <li>- Number of news items yearly in which PGRFA are covered</li> <li>- Level of awareness among public</li> <li>- Environmental Education Centres, Research Centres, advertisements, etc</li> <li>- Users support genebank programmes through monetary or non-monetary means</li> <li>- Number of annual transactions from genebanks to users (or, the reverse: requests)</li> <li>- Level of awareness among farmers, breeders, scientists</li> <li>- Workshops, seminars, advertisements, leaflets, etc.</li> </ul>

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<b>5. Users</b>			
5.1 Survey of the need for European characterization and evaluation programmes with high relevance to potential users	- C&E survey carried out		
5.2 Research partnerships established between genebanks and researchers as part of EU projects	- Number of research agreements/projects in which ECPGR countries participate - Number of ECPGR countries participating in EU projects		
5.3 Survey on expectations of users from genebanks (completed and recommendations discussed)	- Number of questionnaires distributed, returned and presented to public - Number of actions carried out as a result of survey		
5.4 Promotion of closer conservationist/breeder links and through those links enhance CWR diversity utilization			
5.5 Effective services to users are established	- Extent of accessions and information provided		
<b>6. Secretariat</b>			
6.1 – 6.4 Transition plan implemented (include the results of the transition plan here) (to be completed after decisions based on Options Paper)			



Objectives	Indicators	Important assumptions	Remarks
<b>Activities (draft to be completed after decisions based on Options Paper)</b>			
1.1.1 Compilation of generic operational standards (by end of 2011)			<b>Indicator:</b> Generic operational standards in place <b>Assumptions:</b> The majority of Associate Members (AMs) will be able to adopt the standards
1.1.2 Compilation of operational genebank manuals (by end of 2011)			<b>Indicator:</b> Number of manuals <b>Assumptions:</b> Associate members are capable to compile a genebank manual
1.1.3 Compilation of minimum standards per crop or crop group			<b>Indicator:</b> Number of crops or crop groups, where minimum standards have been established
1.1.4 Establishment of a record keeping system			<b>Indicator:</b> Number of AMs with record keeping system in place
1.1.5 Establishment of a reporting system			<b>Indicator:</b> Number of reports
1.1.6 Implementation of a monitoring system			
1.2.1 Identification by the AM, in consultation with the respective AEGIS Member, of eligible accessions to be proposed for registration as European Accessions			<b>Indicator:</b> Number of proposed European Accessions
1.2.2 Verification and where appropriate acceptance of the proposed European Accessions			
1.2.3 Managing of the European Accessions by the AMs in accordance with the principles of AEGIS			

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1.3.1 AMs provide conservation-related services such as multiplication of accessions or conservation of accessions under specific conditions (e.g. <i>in vitro</i> , cryopreservation, etc.)			
1.3.2 AMs provide services for characterization, evaluation or phenotyping for other AMs			
1.4.1 Infrastructure.....			
1.4.2 Training.....			
2.1.1 Identification of the <i>ex situ</i> PGRFA in each country that are regarded as forming part of the national PGRFA system			
2.1.2 Strengthening of the national PGRFA network/programme – especially between NFP and PGRFA-holding institutes			
2.1.3 Training of NFPs (how to compile, maintain, update and upload NI)			
2.1.4 Capacity building at national level (hardware, software)			
2.2.1 Develop recommendations for the future of the CCDBs			
2.3.1 Network of NFPs for <i>in situ</i> and on-farm strengthened			
2.3.2 Identification of the <i>in situ</i> /on-farm PGRFA in each country that are regarded as forming part of the national PGRFA system			

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2.3.3 Develop and agree on one common minimum standard for exchange of <i>in situ</i> and on-farm data, based on a draft, jointly prepared by the ECPGR Documentation and Information Network and the <i>In situ</i> and On-farm Conservation Network, and involving the relevant actors who in time will also be responsible for the compilation of the data			
2.3.4 To seek an agreement on these minimum standards between ECPGR, Bioversity International and FAO			
2.3.5 To create the incentives and required support for NFPs to develop NIs for <i>in situ</i> /on-farm			
2.3.6 Compilation of NIs for <i>in situ</i> /on-farm PGRFA			<b>Indicator:</b> Number of NIs for <i>in situ</i> /on-farm PGRFA
2.3.7 To expand the data structure of EURISCO for inclusion of <i>in situ</i> /on-farm data			
2.3.8 To develop a transfer mechanism for data from NIs to EURISCO			
2.3.9 To provide capacity building and training where necessary			
3.1.1 Prioritization of <i>in situ</i> species (crop wild relatives)			
3.1.2 Compilation of Red Lists for on-farm PGRFA			
3.1.3 Elaboration of <i>in situ</i> management plans			

Objectives	Indicators	Important assumptions	Remarks
3.1.5 Elaboration of on-farm management plans			
3.1.6 Establishment of a European coordination mechanism for <i>in situ</i> and on-farm conservation			
3.2.1 See 2.3.1.-2.3.9			
3.3.1 See 3.1.3			
4.1.1 Elaboration of risk assessment plan			
4.5.1 Develop a strategy paper			