

Project Proposal Phase VIII (2009 – 2013) of the Industrial Crops Network

June 2008

1. Background and justification

The network consists of the working groups *Beta*, potato, fibre crops and medicinal & aromatic plants (MAP), whereby the *Beta* and the MAP have common interest in *in situ* conservation. All working groups have a common interest in the improvement of the ECCDBs they are responsible for. As the steering committee rejected a phase VII proposal of the NCG aiming at a stronger within network cooperation in the field of data management this time the NCG focuses project activities on in situ management aspects.

The network coordination group has not prioritized any of the working groups. Since the steering committee has introduced competition amongst working groups within a network as steering instrument, the more active working group will naturally determine the apportionment of funds between working groups. Hence there is no need for artificial categorization of working groups.

The ICN NCG welcomes the new funding rules established by the steering committee. We would however welcome a higher ratio between item “funds for meetings” and “funds for actions” and more flexibility since we are convinced that the working groups themselves know best how to allocate funds according to their actual needs.

If we shared the 25% funds allowed for actions by 4 working groups none of us would be able to make real progress. We have therefore agreed to focus funds for actions mainly on an *Origanum* project with the common understanding that another working group of the ICN will get the chance for funding of a larger action during phase IX. This could be the fibre crop working group requiring funds for the improvement of the International Flax Database (IFDB).

We provide a budget with estimates of the financial input of the working groups into the ECPGR programme. The ciphers shown in column “self” are far from being complete. They should rather be seen as an indication that our institutions playing a key role within the ECPGR network. They do not only receive money from the ECPGR but also invest into the ECPGR programme by providing functions such as chairmanships or by operating an ECCDB. The ECPGR is more than the budget the steering committee receives from the member states for redistribution. By a systematic estimation of the investment of the collaborating partners the whole monetary value of the ECPGR programme could be demonstrated.

2. Objectives of the projects and workplan

Objective 1: Improvement of communication

Objective 2: Provision of a platform for project planning and fund raising

The network plans four working group meetings to facilitate communication within the working groups and the planning of projects required to implement the work programme. In addition, the meetings provide a platform for the initiation of EU project proposals. For more details see Appendix 1.

The number of participants is a function of the expected funding level (100, 115, 125%).

Objective 3: Case studies in the field of in situ management of crop wild relatives

Activity 4 is a small action suggested by the *Beta* working group. The AEGRO ending in 2010 will very likely result in the establishment of a genetic reserve of *Beta patula* on Madeira. Currently a genetic baseline is established. The *Beta* working group suggests to monitor the population within the genetic reserve in 2013 five years after the establishment of the baseline to test the concept. Action 4 includes mutual working visits whereby the visit of the German counterpart can be organized in connection with the final AEGRO meeting scheduled for Funchal 2010. As both partners are also interested in other crop species the working visits may also lead to an intensified cooperation in other fields.

Activity 5 is another small action of the *Beta* working group which could be implemented in cooperation with Greek partners and the USDA/ARS provided that 125% of the funding is available. It would be a logical follow-up project of the *Beta nana* inventory conducted by Greek, US and German experts in 2005 which was mainly funded by the USDA/ARS with some input from Germany.

Activity 9 was suggested by the MAP. The project can be seen as a pump-priming exercise and pre-project required for successful submission of a EU FP7 project proposal. The MAP chair can provide the steering committee with a more detailed project description on request. The higher the budget for this action the more sites can be visited and surveyed.

3. Project coordination and administrative structure

The ICN plans a NCG meeting in 2009 where a new chairman will be elected who takes responsibility of the implementation of the workplan. At the end of phase VIII a second NCG meeting will be organised to review the workplan, to produce the phase VIII final report required by the steering committee and to prepare plans for phase IX.

Appendix 1: Workplan

Activity - No.	Activity	Output	Milestone	Time	Respons. and comments
1	Network Coordinating Group and ECCDB Manager Meeting	Discussion on common goals, the possibility to jointly apply for project funding, and the organisation of the network. Report to the ECPGR.	Meeting held at the Julius Kühn Institute, Germany, with 4 working group chairs and 4 database managers	2009	NCG Chair In conjunc. with the In Situ Network Meeting 1, Sept 2009
2	Meeting of Potato Working Group, possibly in Finland in conjunction with EAPR triennial meeting	Organisation of the meeting. Report to the ECPGR.	Meeting held with 15 participants	2011	WG Chair
2.1		Update of central DB	Updated database on-line	2012	SASA, CGN & all others
2.2		Definition of MAA accessions	Draft list of MAAs on-line	2012	All
2.3		Agreement on task sharing	Conservation plan defined	2011	All
2.4		Discuss molecular & phenotypic characterisation issues	Harmonise characterisation methods where possible	2012	All
3	Meeting of the Beta Working Group	Discussion of joint research projects planned or currently implemented. Discussion on in situ management data recording using CyberTracker.	Meeting held with 8 participants. CyberTracker application introduced and workflow defined.	2009	WG Chair, all
3.1		Development of an implementation plan for <i>Beta</i> genetic reserves	In situ conservation plan for Beta defined	2010	All
3.2		Drafting of project proposals (collecting, genetic diversity, evaluation, data management, in situ management). A focus may be set on <i>Beta nana</i> (possible indicator for climate change) and other <i>Beta</i> species with limited distribution area.	Project proposals drafted by 2010 and submitted	2010	All
4		Monitoring of a genetic reserve of <i>Beta patula</i> . Mutual working visits to discuss further collaboration on <i>Beta</i> and future collaboration on genera of mutual interest (<i>Avena</i> , <i>Brassica</i> , <i>Vicia</i> and others)	Report on monitoring results in 2013. Travel reports in 2009 and 2010.	2013	WG Chair, Portugal/ University of Funchal

5		Sampling of <i>Beta nana</i> for geneflow analysis five years after last visit of the Olympos site. This action is actively supported by the USDA/ARS.	Report on monitoring results	2010	WG Chair, Greek counterpart, with the support of the USDA/ARS, Ft. Collins
6	Meeting of the Flax and Hemp Working Group	Organisation of the meeting, Czech Republic or Italy. Report to the ECPGR.	Meeting held with 20 participants	2010	WG Chair
7	Meeting of the Medicinal and Aromatic Plants Working Group	Organisation of the meeting, Slovenia. Report to the ECPGR.	Meeting held with 20 participants	Late 2009	WG chair
8	Ad hoc meeting of <i>Origanum</i> experts	Organisation of the meeting, Portugal. Report to the ECPGR.	Meeting held with 2 participants. European project proposal drafted.	Early 2009	WG chair & local host
8.1		Monography on <i>Origanum</i>	Monography drafted and ready for printing	2013	WG chair & co-authors
9	Inventory and survey of <i>Origanum vulgare</i> in Europe	Inventory of <i>Origanum vulgare</i> L. in European Countries	Occurrence data available in international information systems compiled.	2010	WG chair & all <i>Origanum</i> experts.
9.1		Exemplary survey of populations in selected habitats of <i>Origanum vulgare</i> L.	Survey in Slovenia and Portugal implemented. ECPGR report on inventory and survey submitted.	2011	WG chair & all <i>Origanum</i> experts.
10	Ad hoc meeting of <i>Gentiana lutea</i> experts	Organisation of the meeting.	Meeting held with 1, 2 or 3 participants plus local host. European project proposal drafted.	2012	WG chair & <i>Gentiana</i> experts
11	Participation in the Meeting 1, Thematic Cross-cutting issues of the In Situ Network	Representation of the ICN in meeting 1	Meeting attended by 4 persons which are <u>not</u> member of the In Situ Network	2009	NCG chair, WG chairs
12	Network Coordination Group meeting	Discussion on phase IX plans of the network	Meeting held with 4 the working group chair persons	March 2013	NCG chair & WG chairs

Appendix 2: Budget table of ICN network 2009-2013

The budget table is presented at three different threshold levels 100%, 115% and 125% as requested by the SC. Activities are highlighted in yellow and are within the threshold of 25% of the total budget

Level 100%

BUDGET ITEM	FUNDING (in €)	
	Self	ECPGR
Activity 1: Network Coordination Group and ECCDB Manager Meeting 2 full days, 6 persons		6120
Activity 2: Meeting of the Potato Working Group 2 full days, 15 persons Meeting report as paper copy. Distribution cost, only (500 €)	6000 ¹	15800
Activity 3: Meeting of the <i>Beta</i> Working Group 2 full days, 8 persons plus 1 chairmen's quota Meeting report as paper copy. Distribution cost, only (500 €)	6000 ²	9680
Activity 4: Monitoring of a genetic reserve of <i>Beta patula</i> , Madeira. Working visit of the Portuguese partner	6000 ³	5000
Activity 5: Sampling of <i>Beta nana</i> for geneflow analysis five years after last visit of the Olympos site	6000 ⁴	3100
Activity 6: Meeting of the Flax and Hemp Working Group 2 full days, 15 persons Plus report (4000 €)		19300
Activity 7: Meeting of the Medicinal and Aromatic Plants Working Group 2 full days, 21 persons Plus report (4000 €)		25420
Activity 8: Ad hoc meeting of <i>Origanum</i> experts 2 full days, 1 person, 1 local host		1020
Activity 9: Inventory and survey of <i>Origanum vulgare</i> in Europe	24000 ⁵	21425
Activity 10: Ad hoc meeting of <i>Gentiana lutea</i> experts 2 full days, 1 person, 1 local host		1020
Activity 11: Participation in the Meeting 1, Thematic Cross-cutting issues of the In Situ Network 2 full days, 4 persons		4080
Activity 12: Network Coordination Group Meeting and ECCDB Manager Meeting, reporting phase VIII, preparation of phase IX 2 full days, 6 persons	6000 ⁶	6135
Meetings		88575
Actions, 25% = 29525		29525
Total Budget	54000	118100

¹ 1 PM organisation and reporting by chair person

² 1 PM organisation and reporting by chair person

³ 2 PM technical staff plus consumables for SSR marker analysis at JKI

⁴ 1 PM organisation, coordination, participation and reporting

⁵ Participation of permanent staff

⁶ 1 PM communication, organisation and reporting by NCG chair

Level 115%

BUDGET ITEM	FUNDING (in €)	
	Self	ECPGR
Activity 1: Network Coordination Group and ECCDB Manager Meeting 2 full days, 6 persons		6120
Activity 2: Meeting of the Potato Working Group 2 full days, 15 persons Report as printed booklet (4000 €).	6000 ⁷	19300
Activity 3: Meeting of the <i>Beta</i> Working Group 2 full days, 9 persons plus 1 chairmen's quota Report as printed booklet (4000 €).	6000 ⁸	14200
Activity 4: Monitoring of a genetic reserve of <i>Beta patula</i> , Madeira	6000 ⁹	5000
Activity 5: Sampling of <i>Beta nana</i> for geneflow analysis five years after last visit of the Olympos site.	6000 ¹⁰	3100
Activity 6: Meeting of the Flax and Hemp Working Group 2 full days, 16 persons Plus report (4000 €)		20320
Activity 7: Meeting of the Medicinal and Aromatic Plants Working Group 2 full days, 25 persons Plus report (4000 €)	24000 ¹¹	29500
Activity 8: Ad hoc meeting of <i>Origanum</i> experts 2 full days, 2 persons, 1 local host. Monography		2040
Activity 9: Inventory and survey of <i>Origanum vulgare</i> in Europe		23995
Activity 10: Ad hoc meeting of <i>Gentiana lutea</i> experts 2 full days, 2 person, 1 local host		2040
Activity 11: Participation in the Meeting 1, Thematic Cross-cutting issues of the In Situ Network 2 full days, 4 persons		4080
Activity 12: Network Coordination Group Meeting and ECCDB Manager Meeting, reporting phase VIII, preparation of phase IX 2 full days, 6 persons	6000 ¹²	6120
Meetings		103720
Actions, 25% = 33954		32095
Total Budget	54000	135815

⁷ 1 PM organisation and reporting by chair person

⁸ 1 PM organisation and reporting by chair person

⁹ 2 PM technical staff plus consumables for SSR marker analysis at JKI

¹⁰ 1 PM organisation, coordination, participation and reporting

¹¹ Participation of permanent staff

¹² 1 PM communication, organisation and reporting by NCG chair

Level 125%

BUDGET ITEM	FUNDING (in €)	
	Self	ECPGR
Activity 1: Network Coordination Group and ECCDB Manager Meeting 2 full days, 6 persons		6120
Activity 2: Meeting of the Potato Working Group 2 full days, 15 persons Report as printed booklet (4000 €).	6000 ¹³	19300
Activity 3: Meeting of the <i>Beta</i> Working Group 3 full days, 11 persons plus 1 chairman's quota Report as printed booklet (4000 €).	6000 ¹⁴	18520
Activity 4: Monitoring of a genetic reserve of <i>Beta patula</i> , Madeira	6000 ¹⁵	5000
Activity 5: Sampling of <i>Beta nana</i> for geneflow analysis five years after last visit of the Olympos site. Travel costs for two persons, small equipment, consumables.	6000 ¹⁶	3100
Activity 6: Meeting of the Flax and Hemp Working Group 2 full days, 16 persons Plus report (4000 €)		20320
Activity 7: Meeting of the Medicinal and Aromatic Plants Working Group 2 full days, 26 persons Plus report (4000 €)		30520
Activity 8: Ad hoc meeting of <i>Origanum</i> experts 2 full days, 2 persons, 1 local host		2040
Activity 9: Inventory and survey of <i>Origanum vulgare</i> in Europe	24000 ¹⁷	28305
Activity 10: Ad hoc meeting of <i>Gentiana lutea</i> experts 2 full days, 3 persons, 1 local host		3060
Activity 11: Participation in the Meeting 1, Thematic Cross-cutting issues of the In Situ Network 2 full days, 4 persons		4080
Activity 12: Network Coordination Group Meeting and ECCDB Manager Meeting, reporting phase VIII, preparation of phase IX 3 full days, 6 persons	6000 ¹⁸	7260
Meetings		111220
Actions, 25% = 36906		36405
Total Budget	54000	147625

¹³ 1 PM organisation and reporting by chair person

¹⁴ 1 PM organisation and reporting by chair person

¹⁵ 2 PM technical staff plus consumables for SSR marker analysis at JKI

¹⁶ 1 PM organisation, coordination, participation and reporting

¹⁷ Participation of permanent staff

¹⁸ 1 PM communication, organisation and reporting by NCG chair