Title: European Cooperative Programme for the Conservation and Exchange of Crop Genetic Resources (ECP/GR), Phase II

Number: RER/81/008/A/01/12

Duration: Three years

Primary function: Direct support

ACC programme classification: 0420 Crop Genetic Resources

Government Implementing Agencies: See Annex VI

Executing Agency: Food and Agriculture Organization of the United Nations (FAO)

Estimated starting date: September 1983

Government inputs: $432,000 (in kind) UNDP inputs/ US$280,428

Government cost-sharing: US$54,369 (IPF countries)

Government Cash Contributions through IBPGR US$226,059 (non-IPF countries)

Signed: ____________________________ Date: ____________

on behalf of the Government of Bulgaria

______________________________ Date: ____________

on behalf of the Government of Cyprus
Signed:

on behalf of the Government of Czechoslovakia

on behalf of the Government of Greece

on behalf of the Government of Hungary

on behalf of the Government of Poland

on behalf of the Government of Portugal

on behalf of the Government of Romania

on behalf of the Government of Turkey

on behalf of the Government of Yugoslavia

on behalf of the Government of

on behalf of the Government of

on behalf of the Executing Agency

on behalf of the United Nations Development Programme
PART I  LEGAL CONTEXT

This Project Document shall be the instrument referred to as such in Article 1, paragraph 1, of the Basic Assistance Agreement between the United Nations Development Programme and the Governments of those participating countries which have signed such Agreement. Alternatively, for those participating countries which have not signed such Agreement, this Project Document shall be the instrument referred to as a Plan of Operation in Article 1, Paragraph 2, of the Agreement concerning assistance under the Special Fund Sector of the United Nations Development Programme, between the UNDP and the Governments of those participating countries which have signed such latter Agreement.
PART II  THE PROJECT

A. Development Objectives

To establish a network of cooperation between Institutes\(^1/\) and sub-regional groupings in Europe for the maintenance of comprehensive, well-documented collections of crop genetic resources, with the ultimate objective of encouraging more effective use of plant genetic resources in plant breeding and closer links between genetic resources personnel and those who use the resources.

B. Immediate Objectives

The project will assist participants in attaining the following immediate objectives:

1. To create a system to facilitate:
   
   (a) direct contact between institutions and workers engaged in crop genetic resources activities;
   
   (b) unhindered exchange of crop genetic resources;
   
   (c) establishment of information and documentation systems and data exchange between genebanks.

2. To place at the disposal of all interested plant scientists, up-to-date information on collections of both seed and living plants held in Europe.

3. To establish, for specific crops of major economic importance, joint activities including:
   
   (a) expeditions to collect genetic variation not held in existing collections;
   
   (b) characterization and evaluation of germplasm.

\(^1/\) A comprehensive list of all collaborating institutes/organizations will be prepared in association with the government implementing agencies (see Annex VI).
4. To establish by the end of the third year of the project (following recommendations of an evaluation mission) a self-sustaining cooperative network of genetic resources activities between the participating countries which will be effective for Phase III and in the future without UNDP help.

C. Background and Justification


The programme was conceived as a cooperative project between Governments of participating countries assisted by UNDP, developed in three phases each of three years and with step-wise increases in Government's inputs and corresponding decreases in UNDP inputs.

Phase I was a preparatory stage in which the programme was specified and the organizational framework was brought into operation. This phase was financed solely by UNDP and FAO was the Executing Agency. A full account of the activities and achievements of Phase I is given as a Terminal Statement to Phase I in Appendix VII to the Report of the Third Governing Board Meeting held in Brussels, 18-20 October 1982. This records inter alia that 21 countries signed the Project Document while five others expressed their interest, that the Project has acted as a stimulus to funding and organization of genetic resources activities in a number of countries, that meetings were held of eight Working Groups, namely Barley, Rye, Pea, Vicia, Forage grasses and legumes, Vitis, Allium and Tomato, and that five fellowships were awarded for the training of individuals in skills necessary to the implementation of the crop programmes.

At an extraordinary meeting of the Governing Board held in Geneva in June 1982, the report of the Board's Evaluation Mission was adopted and its recommendations endorsed for implementation. The report of this Governing Board Meeting records that the ECP/GR should be continued for a second phase of three years' duration, financed jointly by UNDP and participating governments and that the programme should be operated under the aegis of IBPGR as a special project with its own identity and funding. The Executive Secretary of IBPGR is also Chief of the Crop Genetic Resources Centre of FAO, the Executing Agency for the project.
The Evaluation Mission further recommended that the Second Phase should be structured around six Crop Working Groups for crops or crop groups considered to be of high priority by participating countries. In following up this recommendation, the Scientific Advisory Committee (SAC) of ECP/GR Phase I recommended that Working Groups should be organized for crops or groups of crops selected among the following:

Priority 1: Barley, forages, Prunus

Priority 2: Vitis, aromatic and medicinal plants, beet, potatoes, Pisum;

Priority 3: Rye, oats, Allium, Vicia faba.

In making this recommendation the SAC took into consideration ongoing activities and existing working groups, organized by other organizations such as IBPGR, EUCARPIA, COMECON and EEC, seeking to avoid duplication of effort and to achieve maximum integration of activities and maximum collaboration.

The membership and function of Working Groups are described in E. Activities (below).

D. Outputs

The expected outputs from the project are:

(i) Information exchange. The adoption of agreed information documentation systems centred on computer databases, leading to the rapid and easy flow of data in magnetic form and compatible format between genebanks and between genebank and research worker/breeder, for all material in collections;

(ii) Extensive characterization and documentation of material in collections of the crop plants for which the Working Groups are responsible;

(iii) Rationalized and more representative collections from (a) the identification and elimination of unnecessary duplications by agreement between genebanks in all countries collaborating in the programme, (b) further selective collecting - where the necessity is revealed by the European Inventory to be developed for each crop - leading to improved representation in genebanks of the natural diversity which is undergoing erosion;
(iv) Evaluation. The production of evaluation data for quantitative characters derived from collaborative trials in different environments in accordance with plans formulated by the Working Groups;

(v) Inventory. The production of (a) an annually updated inventory for each collection which should include passport and characterization data, and evaluation data as it becomes available, and (b) after rationalization of collections, the production of a detailed European Inventory for each crop.

(vi) Network. A cooperative network for each crop will be in operation between the participating countries by the end of Phase II.

(vii) Training. An improvement in the level of expertise of gene-bank personnel to enable each country fully to implement its part of the collaborative programme as drawn up for each crop by its Working Group;

(viii) Revision of the European Directory of Crop Genetic Resources Institutions.

E. Activities

It will be the function of each Working Group to review the present status of European collections and their documentation and to produce a plan of collaborative action which defines objectives and advises on responsibilities in work sharing in activities such as documentation, computerized information exchange and evaluation. The plan should identify existing and potential barriers to progress and recommend on how these should be overcome. The plan of action for each crop shall be recommended to Governments for implementation and it will be promoted and its progress monitored by the ECP/GR/IBPGR Secretariat.

With regard to the membership of Working Groups, the SAC recommended that in addition to scientific expertise, members should be identified so as to ensure, as far as possible, the representation of existing working groups organized by IBPGR, EUCARPIA, COMECON and EEC. In this way it is hoped to avoid duplication of effort and to promote maximum integration and collaboration.
The Working Groups will hold their meetings at appropriate national institutes.

In the first year of Phase II attention will be given to those crops rated as priority 1, (see C. Background and Justification above) and the programming of further Working Groups will be decided following discussions with the Technical Consultative Committee (TCC), (see Section G. below). In addition, and also in the light of advice from the TCC, it may be necessary to hold meetings for the special interest crops Citrus, cotton, tobacco and sunflower, in descending order of priority.

In the course of Working Group discussions it is expected that certain institutes in collaborating countries will assume leading roles in the execution of the work plans for the different crops. The project management will organize individual and group training, revision of the directory and coordinate individual and group training, revision of the directory and coordinate the implementation of the work initiated by the different Working Groups.

In preparation for Phase III of the project special attention will be given to the establishment of effective operational links between participating institutions, both within and between countries, with a view to their being a fully viable and self-sustaining cooperative network for each crop by the end of Phase II.

The activities of the Working Group may be summarized as follows:

(i) Information, collection and exchange:

(a) the devising and use of standard descriptor lists in the documentation of germplasm collections,

(b) the adoption of practical measures for data recording and processing, leading to efficient data base management and information exchange;

(ii) Data acquisition. The registration of all Passport and characterization data on material in collections;

(iii) Improvement of collections:

(a) the study of registered data to identify duplicates within and between collections and the devising of procedures for the planned elimination of unnecessary duplicates,
(b) the study of registered data in relation to geographical origin to identify regions where the germplasm is under threat and which are inadequately represented in European collections, and to stimulate further selective collecting;

(iv) Evaluation. The identification of priorities in germplasm evaluation and advising on inter-country collaborative projects for selected quantitative characters of importance;

(v) Inventories. Studies of the most effective ways of producing and presenting inventories of rationalized collections (see (iii) above) for distribution throughout countries collaborating in ECP/GR and consideration of the problems in producing subsequent European Inventories and the making of recommendations on how this should be achieved for each crop;

(vi) Training. The identification of training needs for personnel so as to expedite the implementation of work plans will be an important activity. Training may be of individuals when new skills are required or in the form of group seminars to promote more effective collaboration.

The Working Groups would identify training needs which will be organized by the Project management as far as possible using collaborative or reciprocal arrangements;

(vii) European Directory. Working Groups will provide data for revised versions of the European Directory of Crop Genetic Resources Institutions.

The timetable of activities is attached as Annex VIII.
F. Inputs

1. Government Inputs

   a) In Kind

   The following services will be made available directly by governments in support of project activities:

   Project personnel

   46 m/m Computer registration and checking of passport and characterization data. This work will be carried out by scientists, computer experts and scientific assistants in genebanks and in other collaborating institutions maintaining germplasm collections.

   20 m/m Characterization of germplasm by curators, plant breeders and scientific assistants.

   20 m/m Seed renewal by scientific staff in genebanks and other organizations maintaining collections. The production and preparation of seed for storage and distribution.

   20 m/m Evaluation studies by scientists of various levels and disciplines, for example in plant breeding pathology, virology, agronomy, as well as curators.

   Governments will also provide the necessary administrative support to the activities above.

   106 man/months

Training

Individual fellowships. Payment of salaries of fellows while in receipt of training in specialized techniques as may be required in fields such as computer documentation, genebank management, seed physiology and seed renewal, for varying periods of time as recommended by Working Groups or the Secretariat.

$20,000
Group training:

Various workshops/meetings to discuss problems of data registration and exchange, standardization of procedures in collaborative work, such as rationalization of collections, planning of selective collecting and of evaluation studies.

$25,000

Equipment and premises

Governments will provide adequate facilities such as laboratories, cold storage space, glasshouses, field and nursery services, computer hardware and software as necessary to implement the crop programmes.

$150,000

Miscellaneous

The estimated budget for the Governments' contribution in kind is contained in Annex IV.

$15,000

b) Cost-sharing Contribution

Governments signing the project document will contribute an amount in US Dollars (or other convertible currency if acceptable to the administrator), of $54,369 to the costs of the project, as shown in Annexes I and V.

c) Contribution through IBPGR to total cash budget of project

Non-IPF governments which decide to participate in the project through signing a Letter of Agreement with IBPGR will make a contribution to the total cash budget of the project, through IBPGR, in a total equivalent to $226,059. Details of this contribution are given in Annexes II and V.
2. **UNDP inputs including Government cost-sharing**

UNDP's net contribution, totalling US$280,428 will match the Governments' contributions to the cash budget of the project (see 1.b) and c) above), and jointly with them will provide the following inputs:

**Project Personnel**

**Project Officer:**

The Project Officer shall, under the supervision of the Executive Secretary of IBPGR:

- organize the Working Groups – advise on membership, prepare agenda and support papers, participate in meetings and embody recommendations into a report which shall serve as a plan of action for collaborating organizations in participating countries,

- devise and promote individual and group training programmes as recommended by Working Groups and as may appear necessary to the Secretariat,

- serve as a stimulus to, and focus for collaborative activities in data and seed exchange, in rationalization of collections and in evaluation studies,

- generally monitor progress in the execution of the work plan for each crop with the aim of achieving a viable self-sustaining project, independent of UNDP inputs by the end of Phase II.

**Administrative support**

The project shall be supported within the Secretariat by a Secretary working part-time by arrangement with the Executive Secretary of IBPGR

18 man-months

**Travel costs for project personnel**

$21,000

**Costs of Working Group meetings:**

Two meetings are envisaged for each Working Group during Phase II (total 12 meetings)

$88,000

**Costs of Technical Consultative Committee Meetings:**

Three meetings are envisaged during Phase II

$32,000
Training

Individual training:

Costs of training individuals at scientist and assistant levels at various places and for various periods of time as yet undefined but to be recommended by Working Groups and by the Secretariat. This training shall be in specialist techniques as appropriate to the needs of the individuals and for the purpose of expediting the work plan for each crop.

$76,000

Group training:

Transport and per diem costs of holding various meetings of groups of collaborating specialists to discuss common problems of data registration and exchange, the rationalization of collections, evaluation trials and other joint activities where standardization of procedures is an essential prerequisite to effective work.

$71,000

$147,000

Miscellaneous

Translation fees

$ 3,856

Publication of revision of European Directory

$ 5,000

Working Group reports and other publications

$ 12,000

$ 20,856

The Budget covering the UNDP contribution including Government cost-sharing is contained in Annex 1.

Provision of these services is conditional on the timely receipt of Government contributions (see H.1 and 2 below).
3. FAO/IBPGR Inputs

The project will be operated by the Executive Secretariat of the IBPGR. Since this Secretariat is identical with the FAO Crop Genetic Resources Centre (AGPG), contact between the IBPGR and FAO as the Executing Agency will be ensured at all times. The necessary care will be taken under this arrangement to retain the identity of the Project.

The IBPGR intends to continue its programme of technical and financial assistance (estimated at ca. US$200,000 p.a.) in direct support of the project. In addition, several of the international crop programmes of IBPGR which are of particular interest to European countries will offer indirect support.

The Chief of AGPG who is also Executive Secretary of IBPGR will act as Executive Secretary of the project at no additional cost to the project; in this capacity he will direct the project personnel and on behalf of both FAO and IBPGR will provide scientific leadership.

G. Institutional Framework

As indicated under G. Background and Justification (above), the project will be operated under the aegis of IBPGR with FAO the Executing Agency. The project will provide a means of implementing the European Programme of IBPGR which is an autonomous, scientific, non-profit-making Centre of the Consultative Group on International Agricultural Research.

Cash contributions to the project will be spent entirely on the ECP/GR and it will be the responsibility of the Chief, AGPG, who is also the IBPGR Executive Secretary to certify these expenditures to the satisfaction of the Auditors.

A Technical Consultative Committee (TCC) will be convened by IBPGR. Its purpose will be to advise Governments and the Board of IBPGR on technical and scientific matters relating to the choice of three additional crops or crop groups for which IBPGR should set up working groups, and to review progress in the implementation of the collaborative work plans drawn up by all the crop groups and promoted by IBPGR. In view of the scientific function of the TCC, its membership will be invited by IBPGR primarily on the basis of scientific experience, but with an anticipated membership of 10-12, due regard will be paid to the interests of participating countries and sub-regional groupings within the European region. The principle of rotation of membership will be observed whenever possible to ensure wide participation without undue size. The TCC should meet, wherever possible, in IPF countries. Rules of procedure shall be adopted, governing membership, meetings and reports.
The first meeting of the TCG shall be held in December 1983. The TCG will meet annually. In the second year it will consider the report of an Evaluation mission and in the third year it will consider the future of ECP/GR after the end of Phase II.

The Director of the UNDP office in Geneva is hereby designated as Principal Project Representative and will act as the main channel of communication for UNDP Headquarters, for the executing agent and the Resident Representatives in the other participating countries.

A list of the official contacts for each country participating in the Project is given in Annex VII.

H. Prior Obligations and Prerequisites

1. Prior Obligations

Consistent with the objective of attaining a self-sustaining status for the ECP/GR by the end of Phase II, the Project Document will be signed on behalf of UNDP, and UNDP assistance will commence only when the following prior obligations are met to UNDP's satisfaction:

For Signature:

Rirm indications of Government contributions to the cash budget totalling at least US$280,000 for the project duration.

For commencement of operations:

Payment of contributions for the first 12 months of operations totalling at least $45,000.

2. Pre-requisites

Since the project budget is based on a UNDP contribution matching the level of the Governments' own contributions to the cash budget, UNDP's involvement in the project is subject to satisfactory indications that the following pre-requisite has been, or is likely to be fulfilled:

Continued and timely availability of Government contributions to the cash budget, in an increasing proportion to the total, as indicated in Part IV and Annex V.
The situation will be subject to review in June 1984 at the latest. Should the level of Government contribution not attain, or appear unlikely to attain the levels foreseen, UNDP may, at its discretion, reduce, suspend or terminate its assistance.

In addition, Governments undertake to make available for exchange between participating countries, genetic resources of, and information about crops dealt with by Working Groups.

FUTURE UNDP ASSISTANCE

A need for UNDP assistance beyond the completion of Phase II is not envisaged. It is believed that Phase II will lead to the consolidation of the ECP/GR enabling work to continue with the resources available to the participating countries.

PART III SCHEDULES OF REPORTING AND EVALUATION

The project will be subject to periodic review in accordance with the policies and procedures established by UNDP for monitoring project and programme implementation.

Reporting

Half-yearly progress reports will be prepared by the Executive Secretary of IBPGR and submitted by the Executing Agency. They will summarize the progress and the achievements of the European Programme during the reporting period and identifying any problems impeding project operations.

A status report, including the assessment of progress and achievements, during two years of project operations (1983 and 1984) will be prepared by the Executive Secretary for submission to the Evaluation Mission, specified in Part III Evaluation (below).

A Terminal Report will be prepared at the end of the Project.

Evaluation

Progress and achievements of the Programme will be evaluated by Representatives of participating Governments, UNDP/FAO and IBPGR after the end of the second year of the project.
PART IV. BUDGET

The consolidated cash budget for the project is given in Annex III. While the total is funded equally from UNDP and Government contributions, responsibility will be transferred progressively during the budget period 1983–86 as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>UNDP</th>
<th>%</th>
<th>Governments</th>
<th>US$</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1983</td>
<td>29,512</td>
<td>75</td>
<td>10,000</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>1984</td>
<td>130,867</td>
<td>70</td>
<td>56,085</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>1985</td>
<td>97,134</td>
<td>45</td>
<td>118,719</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>1986</td>
<td>22,915</td>
<td>20</td>
<td>96,624</td>
<td>80</td>
<td></td>
</tr>
</tbody>
</table>

The contribution of each Government to the total cash budget is given in Annex V. It is expected that IPF countries will make their contributions to UNDP, in the form of cost-sharing. Non-IPF countries may choose either to sign this project document, and make contributions in the form of cost-sharing, or alternatively to sign a Letter of Agreement directly with IBPGR and pay their contributions as Funds-in-Trust to be administered by IBPGR.

As indicated in Part II H. Prior Obligations and Pre-requisites, the schedule of contributions and the budget will be subject to review not later than June 1984.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exchange of Crop Genetic Resources (EC/GR)</td>
<td>128.5</td>
<td>128.5</td>
<td>128.5</td>
<td>128.5</td>
<td>128.5</td>
</tr>
<tr>
<td>(In LPS or other convertible currency)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total:**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>128.5</td>
<td>128.5</td>
<td>128.5</td>
<td>128.5</td>
<td>128.5</td>
</tr>
</tbody>
</table>

---

**Title:**

European Cooperation Programme for the Conservation and Exchange of Crop Genetic Resources (EC/GR), Phase II

**Project No.:** REE/81/008/A/01/12

**Countries:** European Region

**Annex 1**
The contributions corresponding to each country are detailed in Annex V.

Account No. 05-002284 with The Chemical Bank, New York.

Cost-sharing is payable in US Dollars, to be deposited in the UNDP contributions

<table>
<thead>
<tr>
<th>Amount (in US$)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.130</td>
<td>I June 1985</td>
</tr>
<tr>
<td>17.404</td>
<td>I June 1984</td>
</tr>
<tr>
<td>8.839</td>
<td>On signature of project document</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Payment Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.539</td>
</tr>
<tr>
<td>23.017</td>
</tr>
<tr>
<td>10.874</td>
</tr>
<tr>
<td>1.939</td>
</tr>
<tr>
<td>54.369</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>199. TOTAL COST-SHARING</th>
</tr>
</thead>
<tbody>
<tr>
<td>199. Component total</td>
</tr>
<tr>
<td>195. Support costs</td>
</tr>
<tr>
<td>180. Support costs</td>
</tr>
<tr>
<td>110. Component total</td>
</tr>
<tr>
<td>101. Cost-sharing</td>
</tr>
<tr>
<td>100. COST-SHARING</td>
</tr>
</tbody>
</table>

| Exchange of Crop Genetic Resources (ECGR) | Title: European Cooperative Program for the Conservation and
<table>
<thead>
<tr>
<th>PHASE II</th>
<th>Project No.: HRU/809/01/12</th>
</tr>
</thead>
</table>

(Anex I (cont'd)
<table>
<thead>
<tr>
<th></th>
<th>96.178</th>
<th>70.176</th>
<th>72.364</th>
<th>36.735</th>
<th>236.059</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1086</td>
<td>2.709</td>
<td>2.795</td>
<td>818</td>
<td>8.228</td>
<td></td>
</tr>
<tr>
<td>12.176</td>
<td>19.151</td>
<td>19.748</td>
<td>7.025</td>
<td>78.691</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>32.211</th>
<th>48.316</th>
<th>49.821</th>
<th>28.792</th>
<th>199.140</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.086</td>
<td>3.129</td>
<td>3.227</td>
<td>5.138</td>
<td>1.580</td>
<td>-</td>
</tr>
<tr>
<td>7.343</td>
<td>7.105</td>
<td>11.388</td>
<td>5.767</td>
<td>33.483</td>
<td>-</td>
</tr>
<tr>
<td>1.1752</td>
<td>2.629</td>
<td>2.710</td>
<td>1.376</td>
<td>8.479</td>
<td>-</td>
</tr>
<tr>
<td>2.2754</td>
<td>4.131</td>
<td>4.299</td>
<td>2.216</td>
<td>1.306</td>
<td>-</td>
</tr>
</tbody>
</table>

|----------------|-------|--------|----------|------|--------|-------|--------|----------|------|--------|

<table>
<thead>
<tr>
<th>$/m</th>
<th>$/m</th>
<th>$/m</th>
<th>$/m</th>
<th>TOTAL</th>
</tr>
</thead>
</table>

---

**Exchange of Crop Genetic Resources (EGC/GR), Phase II**

**Title:** European Cooperative Programme for the Conservation and Exchange of Crop Genetic Resources (EGC/GR)

**Project No.:** EUR 81/008/A/4/V/10/12

**Contractor:** European Commission

**Annex II**
<table>
<thead>
<tr>
<th></th>
<th>88'278</th>
<th>190'327</th>
<th>214'105</th>
<th>68'198</th>
<th>560'856</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,431</td>
<td>7,421</td>
<td>8,333</td>
<td>1,163</td>
<td>220'856</td>
<td></td>
</tr>
<tr>
<td>24,703</td>
<td>1,519</td>
<td>0,405</td>
<td>137,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12,115</td>
<td>2,612</td>
<td>2,934</td>
<td>3,362</td>
<td>71,000</td>
<td>76,000</td>
</tr>
<tr>
<td>11,958</td>
<td>2,25</td>
<td>1,314</td>
<td>7,294</td>
<td>9,241</td>
<td></td>
</tr>
<tr>
<td></td>
<td>130,987</td>
<td>147,347</td>
<td>33,932</td>
<td>9,241</td>
<td></td>
</tr>
<tr>
<td>8,838</td>
<td>4,944</td>
<td>3,240</td>
<td>10,040</td>
<td>32,000</td>
<td></td>
</tr>
<tr>
<td>29,862</td>
<td>7,127</td>
<td>0,16</td>
<td>10,700</td>
<td>21,000</td>
<td>33,000</td>
</tr>
<tr>
<td>3,534</td>
<td>74,919</td>
<td>65,405</td>
<td>44,012</td>
<td>182,000</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>74,316</td>
<td>74,316</td>
<td>74,316</td>
<td>74,316</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>74,259</td>
<td>74,316</td>
<td>74,316</td>
<td>74,316</td>
<td></td>
</tr>
</tbody>
</table>

Exchange of Crop Genetic Resources (ECG/GR) Phase II
Title: European Cooperative Programme for the Conservation and Sustainable Use of Crop Genetic Resources (Annex I and II)
Project No.: REH/81/008/1/12
Contracted: European Region
Consolidated Budget for UNDP and Government Cash Contributions (Annex III, I and II)
<table>
<thead>
<tr>
<th>1986</th>
<th>1985</th>
<th>1984</th>
<th>1983</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>33,000</td>
<td>50,000</td>
<td>20,000</td>
<td>17,000</td>
<td>150,000</td>
</tr>
<tr>
<td>10,000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>10,000</td>
</tr>
<tr>
<td>1,000</td>
<td>15,000</td>
<td>0</td>
<td>0</td>
<td>16,000</td>
</tr>
<tr>
<td>4,500,000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>4,500,000</td>
</tr>
<tr>
<td>2,400,000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2,400,000</td>
</tr>
<tr>
<td>2,220,000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2,220,000</td>
</tr>
<tr>
<td>106</td>
<td>106</td>
<td>106</td>
<td>106</td>
<td>106</td>
</tr>
</tbody>
</table>

49. Component Total

40. Equipment

39. Component Total

30. Training

19. Component Total

10. Project Personnel

PROJECT BUDGET: GOVERNING GOVERNMENTS CONTRIBUTION IN KIND

ANNEX IV
<table>
<thead>
<tr>
<th>Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1986</td>
<td>$ 9,600</td>
</tr>
<tr>
<td>1987</td>
<td>$ 14,400</td>
</tr>
<tr>
<td>1988</td>
<td>$ 14,400</td>
</tr>
<tr>
<td>1989</td>
<td>$ 48,000</td>
</tr>
<tr>
<td>1990</td>
<td>$ 432,000</td>
</tr>
</tbody>
</table>

**Grand Total:**

<table>
<thead>
<tr>
<th>Component Total</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1986</td>
<td>$ 9,600</td>
</tr>
<tr>
<td>1987</td>
<td>$ 5,000</td>
</tr>
<tr>
<td>1988</td>
<td>$ 5,000</td>
</tr>
<tr>
<td>1989</td>
<td>$ 2,000</td>
</tr>
<tr>
<td>1990</td>
<td>$ 15,000</td>
</tr>
</tbody>
</table>

**Miscellaneous:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1986</td>
<td>$ 1,986</td>
</tr>
<tr>
<td>1987</td>
<td>$ 1,985</td>
</tr>
<tr>
<td>1988</td>
<td>$ 1,984</td>
</tr>
<tr>
<td>1989</td>
<td>$ 1,983</td>
</tr>
<tr>
<td>1990</td>
<td>$ 1,989</td>
</tr>
</tbody>
</table>

**TOTAL:** $ 58,489

---

Exchange of Crop Genetic Resources (EC/GN), Phase II

**Title:** European Cooperative Programme for the Conservation and

**Project No.:** HER/81/008/A/01/12

**Country:** European Region

**In US$ equivalent:**

*ANNEX IV (cont'd)*
# ANNEX V

## SCHEDULE OF GOVERNMENT CONTRIBUTIONS

(in US$ or other convertible currency if acceptable to administrator)

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>TYPE OF CONTRIBUTION</th>
<th>TOTAL</th>
<th>PAYMENTS DUE ON:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>SIGNATURE</td>
</tr>
<tr>
<td>Austria</td>
<td>IBPGR</td>
<td>11,446</td>
<td>1,860</td>
</tr>
<tr>
<td>Belgium</td>
<td>IBPGR</td>
<td>11,446</td>
<td>1,860</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>CS</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>Cyprus</td>
<td>CS</td>
<td>2,862</td>
<td>465</td>
</tr>
<tr>
<td>Czechoslovakia</td>
<td>CS</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>Denmark</td>
<td>IBPGR</td>
<td>11,446</td>
<td>1,860</td>
</tr>
<tr>
<td>Finland</td>
<td>IBPGR</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>France</td>
<td>IBPGR</td>
<td>28,615</td>
<td>4,650</td>
</tr>
<tr>
<td>Germany, Dem.Rep.</td>
<td>IBPGR</td>
<td>11,446</td>
<td>1,860</td>
</tr>
<tr>
<td>Germany, Fed.Rep.</td>
<td>IBPGR</td>
<td>28,615</td>
<td>4,650</td>
</tr>
<tr>
<td>Greece</td>
<td>CS</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>Hungary</td>
<td>CS</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>Iceland</td>
<td>IBPGR</td>
<td>2,862</td>
<td>465</td>
</tr>
<tr>
<td>Israel</td>
<td>IBPGR</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>Italy</td>
<td>IBPGR</td>
<td>28,615</td>
<td>4,650</td>
</tr>
<tr>
<td>Netherlands</td>
<td>IBPGR</td>
<td>11,446</td>
<td>1,860</td>
</tr>
<tr>
<td>Norway</td>
<td>IBPGR</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>Poland</td>
<td>CS</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>Portugal</td>
<td>CS</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>Romania</td>
<td>CS</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>Spain</td>
<td>IBPGR</td>
<td>11,446</td>
<td>1,860</td>
</tr>
<tr>
<td>Sweden</td>
<td>IBPGR</td>
<td>11,446</td>
<td>1,860</td>
</tr>
<tr>
<td>Switzerland</td>
<td>IBPGR</td>
<td>11,446</td>
<td>1,860</td>
</tr>
<tr>
<td>Turkey</td>
<td>CS</td>
<td>5,723</td>
<td>930</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>IBPGR</td>
<td>28,615</td>
<td>4,650</td>
</tr>
<tr>
<td>Yugoslavia</td>
<td>CS</td>
<td>5,723</td>
<td>930</td>
</tr>
</tbody>
</table>

| TOTAL                          |                     | 280,428 | 45,570 | 89,768 | 145,090 |

| Sub-total CS                   |                     | 54,369  | 8,835  | 17,404 | 28,130  |
| Sub-total IBPGR                |                     | 226,059 | 36,735 | 72,364 | 116,960 |

1/ Type of contribution: Cost-sharing payable to UNDP = CS
Cash contribution payable to IBPGR = IBPGR
ANNEX VI

GOVERNMENT IMPLEMENTING AGENCIES

Dr. Hermann Redl
Federal Ministry of Agriculture and Forestry
Republik Oesterreich Bundesminister Stubering 1
1011 Vienna
AUSTRIA

Mr. E. Gailly
Directeur Général
Administration de la Recherche Agronomique
Ministère de l'Agriculture Chaussée d'Ixelles, 29-31
10-50 Bruxelles
BELGIUM

Prof. Dr. K. Kostov
Director
Institute of Plant Introduction and Genetic Resources
'K. Malkov' (L. Dimitrova 42)
4122 Sadovo
Plovdiv
BULGARIA

Dr. V.D. Krentos
Director
Agricultural Research Institute
Ministry of Agriculture and Natural Resources
P.O. Box 2016
Nicosia
CYPRUS

Dr. G. Neumann
Government Coordinator for International Organizations
Ministry of Food and Agriculture
Prague
CZECHOSLOVAKIA

Dr. H. Skov
Chief of Administration
Statens Planteavlskontor
Virmugaard
Kongevejen 83
DK-2800 Lyngby
DENMARK

Dr. O. Rekola
Ministry of Agriculture and Forestry
Hallituskatu 3A
SF-001070 Helsinki 17
FINLAND

Monsieur le Directeur
Service des Affaires Internationales
Ministère de l'Agriculture
3, rue Barbet de Jouy
F-75007 Paris
FRANCE

Dr. G. Glöy
Bundesministerium für Ernährung, Landwirtschaft und Forsten
Postfach 14 02 70
D-5300 Bonn 1
FEDERAL REPUBLIC OF GERMANY

Prof. Dr. K. Grote
Sekretär-General der Akademie der Wissenschaften der DDR
Otto Nuschke-Strasse 22/23
108 Berlin
GERMAN DEMOCRATIC REPUBLIC

Mr. D. Vassilakopoulos
Director
Technical Assistance Division General Directorate of International Economic Relations
Constitution Square
Athens
GREECE
ANNEX VI (cont'd)

Dr. L. Zelkoo
Secretary General
Hungarian FAO Committee
Budapest
HUNGARY

Mr. Ingvi Ingvarsson
Permanent Secretary-General
Ministry for Foreign Affairs
Reykjavik
ICELAND

Dr. Miriam Waldman
Scientific Coordinator
Biological Research
Life Science Division
National Council for Research and Development
Ministry of Energy and Infrastructure
Building 3
Kiryat Ben-Gurion
Jerusalem
ISRAEL

Prof. E. Porceddu
Centro Nazionale Ricerche GNR/IDRA
Via Nizza 128
00198-Rome
ITALY

Ir. H.H. van der Borg
Coordinator
International Research Collaboration
Directorate of Agricultural Research
Mansholtlaan 4
6708 PA Wageningen
NETHERLANDS

Mr. L.R. Hansen
Chief of Administration
The National Seed Council
Moervien 12
N-1430 ÅS
NORWAY

Dr. B. Kramski
Director of the UNDP/FAO Office for Agriculture Programme
Ministry of Agriculture and Food Economy
ul. Wspolna 30
00-950 Warsaw
POLAND

Dr. M. Mota
Department of Genetics
National Agricultural Research Station
Estação Agronômica Nacional
2780 Oeiras
PORTUGAL

The President
Academy of Agricultural and Forestry Sciences
Bul. Marasli 61
Bucurest
ROMANIA

Mr. M. Gómez Pérez
Director Técnico de Coordinación y Programas
National Institute for Agricultural Research
Ministry of Agriculture, Madrid
SPAIN

Prof. L. Kähre
Director
The Swedish State Seed Testing and Certification Institute
S-17173 Solna
SWEDEN

M. J.-Cl. Piot
Directeur
Office Fédéral de l'Agriculture
Mattenhofstrasse, 5
3003 Bern
SWITZERLAND
APPENDIX VI (cont'd)

Dr. Kasif Témiz
Regional Director
Aegean Regional Agriculture Research
P.O. Box 9
Menemen – Izmir
TURKEY

Mr. G. Jenkins
Scientific Advisor
Plant Breeding and Genetics
Agricultural Research Council
160, Great Portland Street
London WIN 6 DT
UNITED KINGDOM

Prof. V.F. DoroFeev
Director
N.I. Vavilov All-Union Scientific Research Institute of Plant Industry
44 Herzen Str.
Leningrad 190000
USSR

Dr. M. Pencic
Director
Development and Research
Maize Research Institute
Zemun PP 89 – 11081 Belgrade
YUGOSLAVIA
ANNEX VII

COUNTRY COORDINATORS FOR ECP/GR

Dr. Hermann Redl
Federal Ministry of Agriculture
and Forestry
Republik Osterreich Bundesminister
Stubering 1
1011 Vienna
AUSTRIA

Mr. E. Gailly
Directeur Général
Administration de la Recherche
Agronomique
Ministère de l'Agriculture
Chaussées d'Ixelles, 29-31
10-50 Bruxelles
BELGIUM

Prof. Dr. K. Kostov
Director
Institute of Plant Introduction
and Genetic Resources
'K. Malkov' (L. Dimitrova 42)
4122 Sadovo
Plovdiv
BULGARIA

Dr. V.D. Krentos
Director
Agricultural Research Institute
Ministry of Agriculture and
Natural Resources
P.O. Box 2016
Nicosia
CYPRUS

Prof. Ing. A. Kovacik
Director
Research Institute of
Crop Production
Division of Genetics
Ruzyne 507
16106 Praha-6
CZECHOSLOVAKIA

Dr. H. Skov
Chief of Administration
Statens Planteavlskontor
Virumgaard
Kongevejen 83
DK-2800 Lyngby
DENMARK

Prof. K.R. Manner
Director
Governmental Institute of
Plant Breeding
SF-31600 Jokioinen
FINLAND

M. André Cauderon
Chargé de mission pour les
ressources génétiques
INRA
149, rue de Grenelle
F-75341 Paris-Cedex 07
FRANCE

Prof. Dr. M. Dambroth
Director
Institute für Pflanzenbau
Pflanzenzüchtung der
Bundesforschungsanstalt für
Landwirtschaft
Braunschweig-Völkenrode FAL
Bundesallee 50
D-3300 Braunschweig
FEDERAL REPUBLIC OF GERMANY

Dr. M. Zacharias
Deputy Director
Zentralinstitut für Genetik
und Kulturpflanzenforschung
4325 Gatersleben
GERMAN DEMOCRATIC REPUBLIC
ANNEX VII (cont'd)

Dr. S. Galanopoulou  
Director  
Cotton and Industrial  
Plant Institute  
C/o North Greece Agricultural Centre  
Sindos-Thessaloniki  
GREECE

Dr. J. Unk  
Director  
Research Centre for Agrobotany  
N.I.A.V.T.  
H-2766 Tápiószele  
HUNGARY

Dr. Günnar Olafsson  
Director  
Agricultural Research Institute  
Keldnaholt  
IS-110 Reykjavik  
ICELAND

Dr. Miriam Waldman  
Scientific Coordinator  
Biological Research  
Life Science Division  
National Council for  
Research and Development  
Ministry of Energy and  
Infrastructure  
Building 3  
Kiryat Ben-Gurion  
Jerusalem  
ISRAEL

Prof. E. Porceddu  
Centro Nazionale Ricerche CNR/IDRA  
Via Nizza 128  
00198-Rome  
ITALY

Ir. H.H. van der Borg  
Coordinator  
International Research  
Collaboration  
Directorate of Agricultural  
Research  
Mansholtlaan 4  
6708 PA Wageningen  
NETHERLANDS

Mr. L.R. Hansen  
Chief of Administration  
The National Seed Council  
Moervien 12  
N-1430 ÅS  
NORWAY

Prof. S. Starzycki  
Director  
Plant Breeding and  
Acclimatization Institute  
Radzików  
05-870 Błonie  
POLAND

Dr. M. Mota  
Department of Genetics  
National Agricultural Research  
Station  
Eスタカオ Agronômica Nacional  
2780 Oeiras  
PORTUGAL

Dr. P. Varga  
Head of Genetic Resources  
Department  
Research Institute for Cereals  
and Technical Plants I.C.G.P.T.  
Fundulea 8264 (Ilfov)  
Jud. Câlărași  
ROMANIA
ANNEX VII (cont’d)

Mr. M. Gómez Pérez  
Director Técnico de Coordinación y Programas  
National Institute for Agricultural Research  
Ministry of Agriculture  
Madrid  
SPAIN

Prof. L. Kähre  
Director  
The Swedish State Seed Testing and Certification Institute  
S-17173 Solna  
SWEDEN

Dr. Marcel Ingold  
Directeur Adjoint  
Station Fédérale de Recherches Agronomique de Changins  
Route de Duillier  
CH-1260 Nyon  
SWITZERLAND

Dr. Kasif Témiz  
Regional Director  
Aegean Regional Agriculture Research  
P.O. Box 9  
Menemen – Izmir  
TURKEY

Mr. G. Jenkins  
Scientific Advisor  
Plant Breeding and Genetics  
Agricultural Research Council  
160, Great Portland Street  
London WIN 6 DT  
UNITED KINGDOM

Prof. V.P. Dorofeev  
Director  
N.I. Vavilov All-Union Scientific Research Institute of Plant Industry  
44 Herzen Str.  
Leningrad 190000  
USSR

Dr. M. Pencic  
Director  
Development and Research  
Maize Research Institute  
Zemun PP 89 – 11081 Belgrade  
YUGOSLAVIA