



*SCIENTIFIC COOPERATION TO SUPPORT
RESPONSIBLE FISHERIES IN THE ADRIATIC SEA*

MiPAF

Food and
Agriculture
Organization
of the
United Nations

Italian Ministry
of Agriculture
and
Forestry
Policies

Adriamed

GCP/RER/010/ITA

Report of the Second Meeting of the Adriamed

Coordination Committee

Portorož, 22-23 November 2000

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Preface

The Regional Project “Scientific Cooperation to Support Responsible Fisheries in the Adriatic Sea” (Adriamed) is executed by the Food and Agriculture Organization of the United Nations (FAO) and funded by the Italian Ministry of Agriculture and Forestry Policies (MiPAF).

Adriamed was born to contribute to the promotion of cooperative fishery management between the participating countries (Republics of Albania, Croatia, Italy and Slovenia), in line with the Code of Conduct for Responsible Fisheries adopted by the UN-FAO.

Particular attention is given to encouraging and sustaining a smooth process of international collaboration between the Adriatic Sea coastal countries in fishery management, planning and implementation. Consideration is also given to strengthening technical coordination between the national fishery research institutes and administrations, as well as between them, the fishery organizations and the other relevant stakeholders of the Adriatic countries.

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GCP/RER/010/ITA Publications

Adriamed Project publications are issued as series of Technical Documents (GCP/RER/010/ITA/TD-00) related to meetings, missions and research organized by or conducted within the framework of the Project.

Occasionally, relevant documents may be translated into national languages as Adriamed Translations (GCP/RER/010/ITA/AT-00).

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Preparation of this document

This document is the final version of the report of the Second Meeting of the Adriamed Coordination Committee, organised by the FAO-Adriamed Project (*Scientific Cooperation to Support Responsible Fisheries in the Adriatic Sea*) in Portorož, Slovenia, from 22–23 November 2000.

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Adriamed.

Report of the Second Meeting of the Adriamed Coordination Committee. Portorož, Slovenia, 22–23 November 2000.

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ABSTRACT

The second meeting of the Coordination Committee of the Adriamed Project (Scientific Cooperation to Support Responsible Fisheries in the Adriatic Sea) was attended by representatives of participating countries (Albania, Croatia, Italy and Slovenia) and other interested parties. The meeting was held to evaluate the first year of Project implementation seven months after the first meeting, in which the overall Project policy was finalised. An overview of activities carried out was given: *inter alia* a Seminar on the preparation of an Adriatic fisheries information system and two international Working Groups on the priority topics related to shared demersal and small pelagic fishery resources of the Adriatic Sea. A number of scientific research programmes have been identified by the Adriamed Project, through its Working Groups of regional experts, as of high relevance within the overall Project aim and mandate of strengthening scientific cooperation to support responsible fisheries in the Adriatic Sea. Specific requirements for the Adriamed countries concerning national capacity building were highlighted; the necessity to identify activities concentrating on the continued strengthening of the network established in the Adriamed area was underlined, and the importance of basin level cooperation was stressed. The interaction between research institutes and administrative bodies as well as computerised links between the Adriamed participating countries were illustrated. The Coordination Committee stressed the importance of improving activities planned to strengthen cooperation with the GFCM. Finally the priorities identified for the future and activities scheduled were listed and approved by the Project Coordination Committee.

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Report of the Second Meeting of the Adriamed Coordination Committee

Portorož (Slovenia), 22 – 23 November 2000

Opening of the meeting and election of the Chairman (Agenda Item n. 1)

1. The second meeting of the Adriamed Coordination Committee was held in Portorož, Slovenia, from 22–23 November 2000.
2. The meeting was attended by delegates from participating countries (the Republic of Albania, the Republic of Croatia, the Republic of Italy and the Republic of Slovenia), a delegate of the Donor, representatives of FAO HQ, the Secretary of the General Fisheries Commission for the Mediterranean (GFCM), the Adriamed National Focal Points and the Project staff. The list of participants is given in Annex A of this report.
3. The representative of the Slovenian Minister for Agriculture, Forestry and Food, the State Under Secretary Mr Maksimiljan Mohorič, welcomed the Committee members to Slovenia. The State Under Secretary expressed his pleasure and honour at being able to cooperate with the Committee on the issues of knowledge exchange, responsible fisheries and the preservation of habitats which he considers of fundamental importance.
4. Dr Franc Potočnik, representative of the Fisheries Department of the Slovenian Ministry for Agriculture, Forestry and Food, was elected as Chairman and declared the meeting open.
5. Dr Piero Mannini was designated rapporteur. The Coordination Committee was informed that an apology for absence, due to other commitments, of the delegate from European Commission had been presented to the Project. Nevertheless the EC representative wished to confirm the EC's continuing interest in the development of the Adriamed Project, the attention of the EC to this initiative and its continuing support on these sensitive issues.

Adoption of the Agenda (Agenda Item n. 2)

6. The Agenda was presented to the Coordination Committee, the Chairman requested any comments or alterations considered necessary. The Agenda was adopted with no changes (Annex B).

Report on Project Progress (Agenda Item n. 3)

7. A set of documents prepared by the Project staff was previously distributed to the meeting participants. The list of documents is given in Annex C.

8. The Adriamed Coordinator reminded the participants that this meeting is important because it represents the evaluation of the first year of Project implementation seven months after the first meeting of the Coordination Committee, in which the overall Project policy was finalised.
9. The Project Coordinator introduced document CC/02/02, Report on Project Progress (Annex D). The participants were informed that the activities have been carried out on the basis of the methodology approved during the previous Coordination Committee meeting. Attention has been focused on aspects mainly concerning data collection necessary for the identification of short and medium term priorities (Inventory Phase), *ad hoc* intervention in specific areas to strengthen national capacity building in the fishery sector (Special Advisory Services) and the establishing of the scientific network in the Adriatic Sea. This is considered one of the main objectives of Adriamed.
10. An overview was given of activities carried out. The Coordination Committee was informed that experts have been recruited with the task of creating a review of the fishery sector for all the Adriamed countries, it was highlighted that this and other information gathered would be made available for insertion in the Adriatic Fishery Information System (AdriaFISH). The seminar held in September on the preparation of AdriaFISH was mentioned and the Coordination Committee was informed that in Albania and Italy this information system is being implemented and that an office has been put aside for AdriaFISH purposes; the application to the other countries will be analysed in the near future.
11. Concerning the Project component on the definition of Adriatic Sea Shared Stocks (AdriaSHARE), the Coordination Committee was informed that a network of regional experts has been established for both demersal and small pelagic species, in this context shared species have been listed and priorities identified during the first meeting of two Working Groups on these areas. The Coordination Committee also learned that the Project has become an ASFA (Aquatic Sciences and Fisheries Abstracts) International Partner with 22 journals currently being monitored (see Annex E). As far as the Special Advisory Services are concerned, the Coordination Committee was informed on the initial interventions in specific areas: one such activity refers to Albania in which support from Adriamed regarding local sturgeon stock had been requested and possible intervention is being discussed with the Institute of Fisheries in Dürres.
12. The Committee was informed that the computer network and communication system between the participating countries are being set up and a mailing list of experts and researchers has been prepared. In the context of the strengthening of the regional network, the issue of the Focal Points and their role was brought before the Committee members whose attention was drawn to the Terms of Reference for the Adriamed Focal Points which are shown in Annex F.
13. The importance of strengthening relations with GFCM, Secretariat and subsidiary bodies, was stressed. The delegates took note with satisfaction that the Code of Conduct for Responsible Fisheries has been translated into Albanian and Croatian while the version in

the Slovenian language has been made available by the Ministry of Agriculture, Forestry and Food, Ljubljana. The Croatian delegate expressed particular satisfaction with the rapid translation and dissemination of the Code in Croatia. Mention was also made of the links established with the FAO Fishcode Project (interregional programme of assistance for the implementation of the Code of Conduct for Responsible Fisheries) and possible cooperation is being considered.

14. To further reinforce the information network, the Coordination Committee members were informed that all the information described is available on the Adriamed web pages which constitute a fundamental tool for Project purposes.
15. The Italian delegation expressed its appreciation of the remarkable implementation effort made by the Project, considering that the first Committee meeting took place only seven months ago and of the activities carried out, in line with the Project mandate.
16. The Secretary of the GFCM underlined the excellent work carried out in such a few months and admitted to being impressed by the quality and quantity of activities which have been carried out in this period. Furthermore, he underlined the close cooperation of Adriamed with the GFCM Secretariat and considered the actions of the Adriamed Project as helpful assistance to implement GFCM recommendations.
17. It was suggested that it would be highly appropriate for the work of the Adriamed Working Groups on shared demersal and small pelagic stocks to be coherent and integrated with that of the two similar Working Groups of the GFCM Scientific Advisory Committee (SAC) Sub-Committee on Stock Assessment. The GFCM Secretary took note that the Project will ensure the participation of experts from the Adriatic Region in the next meeting of the GFCM-SAC Working Group on Social and Economic Sciences (Salambo, Tunisia, 9-11 January 2001). The Secretary was informed that the meeting requested by the SAC on the identification of Operational Units, to be organized with the support of Adriamed is currently being planned.
18. The Croatian delegation expressed appreciation of the progress made by the Project hitherto, with special reference to the activities being implemented within the Inventory Phase. He considered it relevant for the Project to concentrate its efforts at this stage on carefully selected priority topics, due to the wide spectrum of identified problems and topics to be dealt with.
19. The Albanian delegation gave a positive evaluation of the Project's overall way of proceeding concerning, among other activities, the identification of areas of major interest for the needs of Albania. Reference was made to the planned support to the national fishery statistics system, the *ad hoc* intervention on the sturgeon stock and the retrieval and storing in a computerised archive of the several decades of historical time series on national fisheries.

20. The Slovenian delegates recognised the value of the activities thus far implemented by the Project and expressed appreciation of the way the Project is developing. Full agreement with the points presented in the report on Project progress was expressed.
21. The Committee members were informed by the FAO Technical Matter Officer for the Project that administratively the Project is no longer under the FAO Technical Cooperation Department but under the Fishery Department. At the moment the Technical Matter Officer is also acting as Country Project Officer.
22. At this point of the proceedings the recently established Project web site was shown (www.faoadriamed.org), its characteristics highlighted and commented on by the Coordination Committee members. In the discussion the excellent work done in such a short time was strongly appreciated, among other features, the technical intelligence links available were deemed very useful. Adriamed national institutional counterparts were encouraged to be actively involved in the preparation of material as authors of the Project web site service.

Operative development of Project programme (Agenda Item n. 4)

23. This Agenda item was introduced by the Chairman and further developed by the Project Coordinator, referring to document CC/02/03 (Annex G). The Committee members were reminded of the established framework and approach of the Inventory Phase and Special Advisory Services, as referred to under Agenda item n. 3. It was reiterated that the data collection phase will soon be terminated and the suitable resulting information integrated and inserted in the AdriaFISH system.
24. On the subject of the Special Advisory Services, as well as the aforementioned interventions, the issue of Geographical Information System (GIS) training was brought before the Coordination Committee members; mention was made of the recent purchase of digital bathymetric cartography for the use of Project scientific counterparts. The Committee members were informed that in order to satisfy the need expressed during the first meeting of the Working Group on demersal resources, the General Bathymetric Chart of the Oceans (GEBCO) digital atlas was bought and distributed among the Focal Points, it was stressed that the Project is still searching for more suitable solutions to the need for standardised cartography as support to scientists in the region. In this context the possibility of holding a GIS training session including its application to fisheries was brought forward. As further example of the Special Advisory Services, attention was again drawn to the intervention on historical data sets to be recovered in Albania, although it was stressed that this kind of intervention was not only applicable to Albania.
25. An approach to the data collecting system for Albania, as well as for other member countries was presented. Thus showing that the Project is ready to assist in establishing, improving or consolidating self-sustainable statistical and information systems provided that the countries contribute with some prerequisite items and/or input (personnel, logistical and so on).

26. The Chairman invited the Committee members to comment on the statements made regarding fishery statistics and personnel. Each country delegates agreed that the issue is of particular importance and that much can be achieved with the support of Adriamed.
27. With reference to the overall Project concept, the Italian delegation wished to underline the foreseen involvement of the professional fishery associations for resource users of each country in some aspects of the Project framework, this was considered as a highly appreciable aspect of the Project implementation.
28. Following the discussion on availability of fishery statistics, the issue of the existing information on national fishing fleet size was raised. It was clarified that at present the Project is not aiming to create a regional fishing fleet register, but to gather available information as provided by the relevant authorities of the participating countries in order to have a knowledge base on the current fishing fleet inventories.
29. Referring to the above issue, the GFCM Secretary brought to the Committee members' attention the fact that resolution 95/4, approved at the Twenty-second Session of the GFCM (Alicante, Spain, 1995), makes it mandatory for Member States to provide the Commission with the relevant information on national fishing fleets. It was pointed out that this knowledge is also necessary to some extent to tackle the Geographical Management Unit and Operational Unit issues. It was further remarked that, as the resolution referred to is mandatory, Adriamed's contribution to the achievement of this task would be appreciated.
30. The tasks and the functional role of the Adriamed Working Groups (WGs) were reviewed by the Project Coordinator. The Project will continue to strengthen the established WGs as they constitute an effective opportunity for scientific cooperation at regional level. Difficulties have been met in establishing working groups in other fields due to the apparent unavailability of specific expertise in some countries. The necessary efforts will be devoted by the Project to assisting the Countries in the development of the required skills.
31. With reference to the operative work programme under implementation, the GFCM Secretary acknowledged the work carried out so far. The Project approach to stock assessment was considered coherent with the GFCM programme of work and the need to undertake a critical review of the methods currently in use in stock assessment was pointed out. It was further noted that the list of common target species whose stocks are shared in the Adriatic Sea established by Adriamed was regarded as generally conforming with GFCM recommendations.
32. A number of medium to long-term activities have been identified by the Adriamed Project, through its Working Groups of regional experts, as priorities of relevance within the overall Project aim and mandate of strengthening scientific cooperation to support responsible fisheries in the Adriatic Sea. The proposed research programmes as reported in the document CC/02/04, given in Annex H of this report, were presented to the Committee and discussed.

33. It was underlined by the Project staff that although it is unlikely that all proposed programmes could be implemented within the Adriamed framework for obvious financial and logistic constraints, the research programmes identified are the expression of the agreement of Adriatic experts on scientific work to be jointly implemented at regional level, whatever funding source might eventually be available. It was also stated that the cost estimate is an extremely approximate figure given only for the purpose of providing the Committee members with an idea of the magnitude of the financial effort required.
34. The Committee was asked to provide the Project with an appraisal and orientation on the proposed research programmes. The participants expressed general agreement on and appreciation of the approach implemented by the Project which had led to well justified and sound research priorities. The ensuing discussion on the consideration to be given to the different activities focused on the need to carefully take into account: the financial commitment of the research programmes within the overall Project mandate, available budget, human resources at each participating scientific institution and the whole range of activities.
35. The Committee noted that it would be unfeasible to implement all the proposed programmes to appraise small pelagic stocks of the Adriatic. It was observed that other possible sources of funding should be considered by the participating countries. The delegates judged the proposal of a pilot port sampling network a relevant task to be carried out, taking into consideration the wide spectrum of information which might be collected not only on small pelagic fishery but possibly also on demersal fishery as well as on the related socio-economic aspects. However, the delegates concurred in indicating the proposed regional training workshop on stock assessment as of primary relevance.
36. The participants also regarded as critical the role played by the scientists who will be nominated research programme coordinators and who will be responsible to the Project for the effective implementation of the work in order to achieve the expected research results satisfactorily.
37. The Italian delegation informed the Committee that some of the proposed research activities are already being financed by the Ministry of Agriculture and Forestry Policies and that this should be taken into consideration when assessing the costs of the relative activities. Therefore, the Project should not re-finance such programmes but only concentrate on their extension to include the whole Adriatic Sea, excluding the costs to be covered by Italy. Furthermore, the delegation requested to be informed by Adriamed in a timely way on the programmes selected for implementation, thus to be in position to adopt rapidly any possible means to support the Project in their implementation.
38. The Committee members resolved to leave to the Project management the prioritisation of the research programme proposed, according to Project budget availability and to the criteria which are listed (not hierarchically) below:
 - Relevance for each country participating in the Project
 - Future sustainability

- Cooperative involvement (*i.e.* level of participation of each country)
- Scientific relevance
- Available human resources at each scientific institution involved
- Financial feasibility
- Logistic/organizational and temporal feasibility
- Relevance of research results and applicability to fishery management needs
- Coherence with the Adriamed mandate and GFCM-SAC indications

39. This Agenda item was concluded with the delegates' agreement on the level of coherence, as indicated in Table 1 of CC/02/03 shown in Annex G, between Adriamed actions and the GFCM-SAC recommendations adopted at the Twenty-fifth Session of GFCM held in Malta in September 2000.

Project information and communication system (Agenda Item n. 5)

40. The Project Technical Matter Officer drew the attention of the Committee members to the fact that the single most important factor under this agenda item is the Adriamed web site. These pages form the backbone to the information system therefore to further facilitate the distribution of information, the delegates were called upon to bring digital versions of their documents to meetings and provide the Project on every occasion with a digital copy of the work produced in each country. The possibility of special training on data entry and use of file transfer protocol (FTP) was mooted.
41. The seminar held in September on the preparation of the AdriaFISH information system was mentioned and further information was given on this component. The intranet area of the Adriamed web pages and the future access to AdriaFISH was demonstrated to the Committee.
42. The Secretary of the GFCM reminded the Coordination Committee that Adriamed was conceived as a pilot project for the Mediterranean area and that in this context the website can also be seen as an experimental design, this reference was extended to the AdriaFISH database within the web pages which could provide an effective solution to the problem of data confidentiality among countries.
43. The Chairman called on the Coordination Committee to give any further comment on the matter of Adriamed web pages and the AdriaFISH database. For Slovenia a mission to Rome to discuss the implementation of AdriaFISH was suggested as the next step. The Croatian delegate informed the Committee that a meeting will be held involving all interested parties before the end of the year, in this context the implementation of AdriaFISH could be discussed and further progress made towards the application of AdriaFISH to Croatian information systems. The Italian delegate commented that the realisation of this tool will provide a qualitative improvement and will help relations within Adriamed and beyond as well as in the Italian Fishery Administration.

44. The Adriamed Coordinator referred to the relevant document (CC/02/05, Annex I) and requested that the members make an appraisal of current communications, asking for any comments on the need to reinforce the mailing list system. The Committee was in agreement that the present methods are satisfactory.

Other matters (Agenda Item n. 6)

45. The Committee members agreed that the Project will encourage the presentation of papers at relevant regional and international fora concerning all the sub regions prepared with the participation of all scientists concerned in order to provide a common view for the Adriamed area.
46. On the issue of ASFA data entry and monitoring, the Committee was informed that the General Manager of ASFA had communicated his congratulations to the Project as a top level Partner and to the person responsible for Adriamed ASFA input. It was stressed that it is not a common occurrence for a new Partner to receive such a high standard in just seven months and that as a further accolade, the Adriamed logo would appear among the ASFA Partners on the cover of the ASFA journals.
47. The Committee was acquainted with the fact that, during meetings of the GFCM, the Project had been approached by Greek delegates with a request for association with Adriamed. FAO proposed the following procedure in this case and requests the Committee's comment: a preliminary, exploratory meeting could be held between Greece (Fisheries Directorate and the national fisheries institutions), the Project and the GFCM in order to understand the nature of this collaboration. After this a draft protocol could be drawn up.
48. The collaboration of Greece was considered positive by the Committee, the Croatian delegate informed the other members that, if the preliminary meetings are successful, the introduction of Greece to the Project could be communicated at the forthcoming Adriatic-Ionian Initiative meeting to be held in Split next year. It was agreed that this could be a suitable forum.
49. The Project resolved to contact Greece at the earliest opportunity to inform of this decision so that the relevant authorities have the opportunity to study the Greek contribution to the Project prior to the first meeting.
50. A further matter was raised before the Committee on the request made by Albania to be part of the information system for promotion of aquaculture in the Mediterranean (SIPAM network). It was suggested that the next Adriamed mission in Albania could include the installation of this system.
51. The Committee was made aware of two problems which the Project faces. The first being the impracticability of managing Project finances in the present way (a petty cash system), no bank imprest account being authorised at Project HQ. The Member Countries

wished to underline strongly the urgent necessity to solve this serious constraint in an effective way.

52. The Coordination Committee expressed its concern about the very limited working space made available to the Project for HQ premises in Termoli and called upon the local authorities to assist the Project Coordinator in solving this problem as soon as possible.

Date and Venue of next meeting (Agenda Item n. 7)

53. The Project Coordinator drew the delegates' attention to the Project document which foresees a meeting once every year. He stated that, although it was decided to hold the second meeting after just seven months, henceforth the Committee will be convened every twelve months unless otherwise deemed necessary. The Committee expressed its agreement, noting that in this case the next meeting will be in October or November 2001.
54. The Albanian authorities offered to host the third session of the Adriamed Coordination Committee, the members welcomed this offer and accepted with gratitude.

Adoption of the Report

55. The Report of this Meeting was adopted on 23 November 2000.

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Agenda

1. Opening of the meeting and election of the Chairman
2. Adoption of the Agenda
3. Report on Project progress
4. Operative development of Project programme
 - 4.1 Established framework and approach
 - 4.2 Adriamed Working Groups
 - 4.3 Cooperative scientific research activities
5. Project communication and information system
6. Other matters
7. Date and venue of the next Coordination Committee meeting

List of Documents

FAO-ADRIAMED: CC/02/01	Provisional Agenda
FAO-ADRIAMED: CC/02/02	Report on Project Progress (March-October 2000)
FAO-ADRIAMED: CC/02/03	Operative developments of the Project programme: priorities identified and activities scheduled
FAO-ADRIAMED: CC/02/04	Proposals for joint research priorities of Demersal and Small Pelagic Fishery Resources
FAO-ADRIAMED: CC/02/05	Project communication and information system
FAO-ADRIAMED: CC/02/Info 1	List of Participants
FAO-ADRIAMED: CC/02/Info 2	Improved Information in Aquatic and Fishery Science (in the context of AdriaASFA)
FAO-ADRIAMED: CC/02/Info 3 (available for consultation)	Priority Topics Related to Shared Demersal Fishery Resources of the Adriatic Sea (GCP/RER/010/ITA/TD-02)
FAO-ADRIAMED: CC/02/Info 4	Adriamed seminar on the preparation of the AdriaFISH Project component (Adriatic Fishery Information System) (GCP/RER/010/ITA/OP-01)
FAO-ADRIAMED: CC/02/Info 5	Priority Topics Related to Shared Small Pelagic Fishery Resources of the Adriatic Sea (GCP/RER/010/ITA/TD-03, draft version)
FAO-ADRIAMED: CC/02/Info 6	List of documents
FAO-ADRIAMED: CC/02/Info 7	Terms of Reference for the National Focal Points

Report on Project Progress

Introduction

This paper summarises the most significant activities carried out by the Project Adriamed between March and October 2000. The activities described concern the work programme approved during the first Coordination Committee meeting held in Termoli, 30–31 March 2000 (GCP/RER/010/ITA/TD-01 refers) and represent the follow up to that meeting.

The activities are presented mainly on the basis of the methodology approved during the first Coordination Committee meeting. Particular attention is given to progress made on activities considered strategic to Project aims.

This paper is organised into two sections. In the first reference is made to the finalisation of the “*inventory phase*”, the implementation of some “*specific advisory services*” is also detailed, principally those activities necessary for the identification of short and medium term priorities in fisheries management. Also described is the progress relevant to research and to the steps necessary to plan and implement activities for the countries to continue improving national skills capacity in the fishery sector. A second section concerns the continued strengthening of the network established in the Adriamed area, in particular regarding interaction between research institutions and administrative bodies in the Adriatic.

1. Project components – development and results

Progress has been made in the implementation of many Project components, especially the activities which focus on: short and medium term priorities for fisheries management and related research; an overview of the status of fishery resources; the definition of the steps to be taken to achieve regional standardisation of scientific methodologies. For these aspects, Working Groups and Seminars are being organised and carried out, experts are being recruited and missions are frequently held in the participating countries.

1.1 The Preparation of an Adriatic Fishing Directory (Project component AdriaFSD).

In order to improve the quantity and quality of information on fisheries at basin level, regional experts are being recruited and research institutions are being contacted with the task of creating a review of the fishery sector for all the Adriamed countries. The system of collection and dissemination of fisheries statistics is also being reviewed and the work of the Fishery Directorates and research institutions is being analysed. Information on existing fisheries legislation has also been collected. The data collected are available for the AdriaIFFI (Adriatic Industrial Fishing Fleet Inventory), AdriaFSD (Adriatic Fishing Sector Directory) and AdriaFILEG (Adriatic sea national Fisheries LEGislation frameworks) Project components.

- 1.2 **Adriatic Fisheries Information System (Project component AdriaFISH).** To create an Adriatic data-base which supports the national fisheries information systems, AdriaFISH is being designed and developed. A plan to install the system in each country was drawn up and implementation was begun. A first seminar on the preparation of the AdriaFISH Project component was held in Rome in September 2000, during which the prototype software was presented (GCP/RER/010/ITA/OP-01, refers). In Albania and Italy the implementation has already started and an office has been identified in each country.
- 1.3 **Adriatic Shared Demersal Resources (Project component AdriaSHARE).** A Working Group was set up to define priority topics related to shared demersal fishery resources of the Adriatic Sea and the first meeting was held in July 2000 in Fano, Italy. The WG was attended by experts from the countries participating in Adriamed and focused on demersal resources by identifying the most relevant issues (GCP/RER/010/ITA/TD-02, refers). The species whose stocks are shared were listed and proposals for joint research priorities were identified. The Project, in cooperation with the Institute of Oceanography and Fisheries, Split, is implementing a critical review of the current knowledge and data available on the main shared stocks from the scientific institutions of the Adriatic (CC/02/04).
- 1.4 **Adriatic Shared Small Pelagic Resources (Project component AdriaSHARE).** In order to identify the priority topics related to small pelagic resources of the Adriatic Sea, the 1st meeting of the relevant Working Group was held in October 2000 in Split, Croatia (GCP/RER/010/ITA/TD-03, 1st draft version, refers). Like that on demersal resources, this WG focused on the identification of the topics requiring most immediate attention where Adriatic Sea small pelagic fish stocks and associated fisheries are concerned. The species whose stocks are shared were listed, the research priorities were identified and discussed (CC/02/04).
- 1.5 **Information on Aquatic and Fishery Sciences (Project component AdriaASFA).** To contribute to national capacity building and to facilitate the dissemination of scientific knowledge among the participating countries, the Adriamed Project has become an ASFA (Aquatic Sciences and Fisheries Abstracts) International Partner and data entry centre for the Adriatic Sea region. Adriamed is now able to provide improved access within participating countries to publications and information on aquatic sciences and fisheries as well as increasing circulation of scientific literature published in the Adriatic Sea region. At present the Project is monitoring 22 scientific publications from Albania, Croatia and Slovenia (CC/02/Info 2).
- 1.6 **Fisheries organisations and fisheries industries - Adriatic Fishery Resources Users Forum (Project component AdriaFRUF).** In order to establish a regional, consultative and neutral forum for the representatives of the fishing industry of the Adriatic coastal states, initial contact has been established with the representatives of the fishing industry (fishworkers and entrepreneurs). General information concerning the other participating countries has been collected. In May the Project was introduced at the 60th International Fishing Fair held in Ancona, where the most representative fisheries organisations and

fishery industries were present. Experts are being recruited to create a review and compile all available information concerning the fisheries associations present in the Adriatic area.

1.7 **Special Advisory Services (Project component AdriaARFISH).** Some activities, considered as a service for the participating countries, have been identified for intervention in some areas. During the 25th session of the GFCM, held in Malta in September 2000, the Albanian delegation highlighted the risk of extinction in the coastal area of *Acipenser sturio*. This was noted and support from the Adriamed Project was requested. In this context a mission was held in Albania in order to plan an intervention in collaboration with the Fisheries Directorate as support for the small scale fishery communities and to safeguard the biodiversity of the aquatic ecosystem.

2. **Activities concentrating on the continued strengthening of the network established in the Adriamed area and of basin level cooperation (Project input).**

This consists of interaction between research institutions and administrative bodies as well as computerised links between the participating countries. A mailing list of experts and researchers was prepared and the computer network and communication system were defined. The computer equipment necessary for Project purposes in Albania was determined. The Adriamed web site was planned and published.

2.1 **Relations with the participating countries.** In agreement with national implementing agencies, in each participating country a national Adriamed Focal Point was established (Terms of Reference for the Focal Point are provided in document CC/02/Info 7). A series of missions within the Project region were carried out. Missions were held at: the Department of Inland, Maritime Fisheries and Aquaculture, Ministry of Agriculture, Forestry and Food, Republic of Slovenia; Fisheries Directorate, Ministry of Agriculture and Food, Republic of Albania; Directorate of Fisheries, Ministry of Agriculture and Forestry Republic of Croatia; the Fisheries Directorate of the Ministry for Agriculture and Forestry Policies in Italy.

Further missions took place at several significant research centres along the Adriatic coast of Italy. These missions were carried out with the aim of setting up collaboration on Project activities, specifically regarding Working Groups mentioned in paragraphs 1.3 and 1.4, data collection and research direction and aims.

Missions also took place at the Oceanography and Fishery Research Institutes in Croatia (Split and Dubrovnik), the activities in progress at national and regional level were discussed. During these two missions, the scientific research community was informed on the Project and areas for cooperation were detailed. The Polytechnic of Dubrovnik was also visited and experts were met.

Two missions were carried out in Albania. The first referred specifically to the implementation of the Project components, focusing on the areas of greatest interest for

Albania. The computer equipment required for Project purposes was defined and copies of the translation into Albanian of the FAO Code of Conduct for Responsible Fisheries were given to the Director of the Fisheries Directorate. Particular attention was given to AdriaFISH (Adriatic Fishery Information System), data collection and collaboration with the University of Tirana and the evaluation of the expertise available in the country (July 2000). The second was follow-up to agreements reached in previous meetings between the Albanian Fisheries Directorate and Adriamed, follow-up to the AdriaFISH seminar and to specific requests made by Albania during the 25th session of the GFCM. In particular the mission sought to advance collaboration between the Project and many areas of the country's fishery sector. The AdriaFISH prototype was installed and its application planned. Plans were made for the support mentioned in paragraph 1.7 and National fisheries inspectors were met. Possible ways to strengthen collaboration with the Fisheries Research Institute of Dürres were considered and the technical assistance necessary to support the national fisheries statistics system was detailed. Action is being taken to retrieve and logically archive all the existing historical fisheries data available at the Institute.

2.2 **Adriamed WEB pages:** The Adriamed website was planned and activated, it has been available at URL: <http://www.faoadriamed.org> since July 2000. The pages are organised in four parts: information on the Project (activities and components); documents available (all the relevant documents produced by the Project); Adriamed intranet (databases and special services will be available); information and links concerning the Adriatic and fisheries. The total number of visitors up to 03/11/2000 was 211 (CC/02/05).

2.3 **Computer network and FTP:** File Transfer Protocol service was made available at the address <ftp://ftp.faoadriamed.org>. FTP is the protocol used for copying files to and from remote computer systems on a network using Transmission Control Protocol/Internet Protocol (TCP/IP), such as the Internet. This protocol also allows users to use FTP commands to work with files, such as listing files and directories on the remote system.

2.4 **Cooperation with GFCM.** To strengthen cooperation with the General Fisheries Commission for the Mediterranean (GFCM), areas of cooperation were established between the Project and the GFCM-SAC (Scientific Advisory Commission) and GFCM-CAQ (Committee on Aquaculture). In the context of relations between the GFCM and the Project, Adriamed took part in the 3rd session of the GFCM - SAC held in Madrid in May, the participation of Project counterparts from the participating countries was also supported by Adriamed. Collaboration between the project and the SAC was discussed. A series of Project components, identified by the Project and approved by the Coordination Committee, serve to strengthen scientific collaboration with the SAC. The following activities will be undertaken in cooperatively:

Working Groups on

- socio-economic aspects
- operational units

In the same cooperative framework, in June 2000 Adriamed participated in the second session of the GFCM Committee on Aquaculture in Rome, on this occasion the project

was briefly introduced and the importance was highlighted of cooperation between the CAQ and Adriamed concerning the organisation of the Expert Consultation on the relationship between aquaculture and capture fisheries. The activities of Adriamed were also reviewed during the 25th session of the GFCM held in Malta last September.

- 2.5 **FAO Code of Conduct for Responsible Fisheries.** In order to contribute to the propagation of the FAO Code of Conduct for Responsible Fisheries in the Adriatic coastal countries, translations have been made into the Albanian and Croatian languages. The Ministry of Agriculture, Forestry and Food of Slovenia, Department of Inland, Maritime Fisheries and Aquaculture provided the Project with the official translation of the Code of Conduct for Responsible Fisheries in the Slovenian language. The translations are available on the Adriamed web site and the diffusion of a large number of hard copies is in progress.
- 2.6 **Presence of the Project within international scenarios.** In May the Project was introduced at the “International Conference on Security in the Adriatic and Ionian” held in Ancona. The conference was attended by representatives of the Republics of Albania, Bosnia-Herzegovina, Croatia, Greece, Italy, Montenegro (Federal Republic of Yugoslavia) and Slovenia as well as the European Commission. Links have been established with the FAO Fishcode Project and possible ways of cooperating are being considered.

Improved Information in Aquatic and Fishery Science (AdriaASFA)

Background of the Project component

AdriaASFA (Improved Information on Aquatic and Fishery Sciences) is one of the Adriamed Project Components approved by the Adriamed Coordination Committee in March 2000 (GCP/RER/010/ITA/TD-01). Aquatic Sciences and Fisheries Abstracts (ASFA) is an abstracting and indexing service covering the world's aquatic science and literature. Adriamed became an International ASFA Partner in April 2000 and received input methodology training at FAO-HQ. AdriaASFA is designed and developed to provide improved access within Adriamed countries (Albania, Croatia, Italy and Slovenia) to the ASFA aquatic sciences and fishery information and to ensure the widest possible circulation of Adriatic Sea scientific literature published in the region. AdriaASFA also aims to contribute to the preparation of an Adriatic Sea scientific regional directory through gathering and compiling of all the available scientific information.

Final objective

Relevant national institutions and their professional staff, involved in Adriatic Sea fisheries management, will have access to the international scientific literature ASFA database, which is widely acknowledged as one of the fundamental tools for aquatic scientists. In addition scientific information published within Adriamed Project participating countries will be ensured world-wide dissemination.

Output and follow up

1. Monitoring List information
2. Adriamed ASFA input statistics
3. Other results

1. Monitoring List information: In June 2000 the Adriamed National Focal Points were contacted in order to introduce the Project component AdriaASFA and relative activities. From the end of August 2000, Adriamed has been operative as an ASFA entry point for Albania, Croatia and Slovenia. Italy (through SIBM, Italian Society of Marine Biology) has been a National ASFA Partner since 1999.

The Adriamed Monitoring List includes 22 titles (Table 1). Two publications belonging to the Adriamed Technical Document Series were added to the ASFA Monitoring List, they are the "Report of the First Meeting of the Adriamed Coordination Committee"

(GCP/RER/010/ITA/TD-01) and the “Report of the First Meeting of the Adriamed Working Group on Shared Demersal Resources” (GCP/RER/010/ITA/TD-02).

2. Adriamed ASFA input statistics with the CDS/ISIS Interface ASFISIS Release 3: As of July 2000 the editors of all the publications monitored by Adriamed have been contacted by mail and by e-mail. The general response from the editors in the region was positive and all relevant issues of their publications were sent to Adriamed for data input.

Adriamed now regularly receives issues (in paper copy) from nine editors and is waiting for further information on the remaining publications. Unlike the other publications which are being monitored, Adriamed does not have a printed version available for the serial *Agriculturae Conspectus Scientificus* but just the digital one. The complete AdriaASFA statistics are described in the attached table.

3. Other results: In order to render ASFA coverage of Adriatic publications as comprehensive as possible, Adriamed contacted all the editors and heads of scientific institutions to monitor any new serials to be submitted to the ASFA Database.

From November 2000, the Adriamed website will have pages on ASFA with information regarding Adriamed monitoring responsibilities: this will enable users to search for publications monitored by Adriamed as well as to find information on day to day AdriaASFA activities and results.

All the publications monitored by Adriamed are available at the Adriamed HQ Library. The library represents a valuable opportunity to improve access to the Adriamed countries’ scientific literature. Adriamed also provides indirect access to the ASFA database thus allowing the participating countries to access ASFA scientific information resources.

Table 1. Statistical information on records included in the ASFA database. AS: serial articles; MS: monographs published in a serial; AMS: articles/chapters/reports published in a serial; Q1: ASFA1 print (Biological Sciences and Living Resources); Q2: ASFA2 print (Ocean Technology, Policy and Non-Living Resources); Q3: ASFA3 print (Aquatic Pollution and Environmental Quality).

Adriamed Monitoring List	N record/ type of document	N record/ serial	N record/ ASFA products			TOT N° serials	TOT N° records
			Q1	Q2	Q3		
Albania						2	4
Buletini i Shkencave Bujqesore. Tirane	2AS	2	2				
Revista Veterinaria. Tirane	* 2AS	2			2		
Croatia						9	26
Acta adriatica. Split	* 1MS	1	1				
Agriculturae conspectus scientificus. Zagreb	* 5AS	5	3		2		
Croatica Chemica Acta. Zagreb	* 3AMS 1MS	4		2	2		
Hrvatske vode. Zagreb							
Jadranska meteorologija/Adriatic meteorology. Split	* 13AS	13	1	11	1		
Larus. Zagreb							
Natura croatica. Zagreb	* 1AS	1	1				
Periodicum biologorum. Zagreb							
Ribarstvo. Zagreb							
Slovenia						9	30
ABS Acta biologica slovenica. Ljubljana							
Acrocephalus. Ljubljana							
Annales. Anali za istrske in mediteranske študije Series historia naturalis 3. Koper	* 24AS		18	1	5		
Exuviae. Ljubljana	5AS	5	5				
Falco. Koper							
Ichthyos. Ljubljana							
Natura sloveniae. Ljubljana	* 2AS	2	2				
Razprave dissertationes. Ljubljana							
Zbornik. Biotehniške Fakultete Univerze v Ljubljani/ Research reports. Biotechnical Faculty University of Ljubljana. Ljubljana							
Adriamed						2	2
Report of the First Meeting of the Adriamed Coordination Committee. Termoli	* 1MS 1AMS	2	2				
Report of the First meeting of the Adriamed Working Group on Shared Demersal Resources. Termoli	*						

* indicates the editors collaborating with Adriamed.

Terms of Reference for the National Focal Point

In accordance with the deliberation of the First Meeting of the Adriamed Coordination Committee, National Focal Points have been nominated by the Participating Countries. The National Focal Point is a high level, experienced fishery scientist who has access to the his/her country's main fishery information. He/She will be:

- in direct contact with Adriamed Professional Staff;
- informed by Adriamed on the most important Project activities planned and under implementation at regional level;
- considered at the head of the Project mailing list and be provided with all the Project technical output;
- informed on all the activities carried out at national level.

The functions of the National Focal Point within the Project framework are:

- To advise on specific Project components at national level;
- To represent the National Scientific network;
- To coordinate specific Project components at national level;
- To provide all the necessary support in information gathering and data collection regarding the relevant Project components;
- To ensure effective flow of communications regarding the Project activities to and from the national scientific counterparts.

Operative developments of the Project programme: priorities identified and activities scheduled

The aim of this paper is to give the Coordination Committee members some elements for the discussion of the Project work programme, enabling them to track Project progress and to put them in a position to give contributions and advice which they consider necessary for further action. The priorities identified for the future and activities scheduled are listed in order to receive appraisal and guidance from the Coordination Committee as well as the technical contribution of the National Focal Points invited.

The Adriamed methodological approach for the next period could focus on:

- a) Following the framework established during the first meeting of the Coordination Committee both for the Project activities in the “*Inventory Phase*” and “*Special Advisory Services*”, (GCP/RER/010/ITA/TD-01 refers).
- b) Continuing to support and develop the Adriamed Working Groups.
- c) Beginning the regional cooperative research activities identified as priorities where shared demersal and small pelagic fishery resources are concerned.
- d) Strengthening the relationship at regional and Mediterranean level between the GFCM (General Fisheries Commission for the Mediterranean) and the Project.

a) The established framework and approach

The Adriamed operative methodological approach is based on the established Project components, both the “*Inventory Phase*” and the “*Special Advisory Services*”. These represent the technical framework for scientific cooperation and the services provided to the countries in terms of specific interventions, as well as coherence with the Adriamed mandate and with the Code for Conduct of Responsible Fisheries.

Inventory phase

The project will continue the information gathering at national and regional level which is in progress in order to finalize the National Fisheries Directories. With the cooperation of the national scientific institutions and the national implementing agencies, additional information is being collected regarding historical fisheries and environmental data sets and other relevant information on this sector. The output in terms of the data collected will be ready during 2001 and can be considered the end of the inventory phase. This information will be used for the national fisheries directory, the country fisheries profile and the regional fisheries profile.

All the data will be entered in the regional area of the AdriaFISH information system. The AdriaFISH database system will be tested and installed in all the participating countries and the arrangements for Project intranet and file transfer protocol facilities will be established around the region (CC/02/Info 4).

Special Advisory Services

In the context of the *Special Advisory Services*, some core activities concerning Adriatic shared stocks (identified and described in CC/02/04) are being developed. Specific requirements for the Adriamed countries concerning national capacity building are being implemented; ideas for local support are being elaborated in each country in the form practical intervention in specific areas, including pilot intervention. Some fields which have been identified are:

- support of national statistics on fisheries in Albania
- pilot intervention in small scale fisheries in Albania
- basic training on GIS
- ensuring all the available historical fishery data sets from Albania are stored in a logical archive/database.

Furthermore, in the context of the Adriatic Fishery Resource Users Forum, relations are being established with the fishery associations. When the first report concerning the fisheries associations has been finalised, a meeting between all the associations in the regional will be organised, it is expected that this will occur before the end of the year 2000. During the meeting, which will focus on topics concerning fishery resources and users at basin level, the pertinent results of the Adriamed Technical Documents written to date will be introduced and discussed, as well as the aspects concerning sustainable fisheries management in connection with the resource user perception of the Code of Conduct for Responsible Fisheries.

b) The Adriamed Working Groups

The Working Groups (WGs) represent the first important stage in the creation of a scientific regional network and are also an important initial step towards the sharing of scientific knowledge on fisheries at basin level. The WGs involve experts from the Adriatic region and are also open to experts from other regions.

Currently, the aims of the Adriatic WG meetings are the following:

- to pool together experts present in the region and establish a permanent network
- to put on the table and share all the best available scientific knowledge
- to highlight recently achieved results and valid methodologies
- to identify and discuss priorities for research, particularly for the so-called “grey areas” that require wider recognition in the scientific community.

In the framework of Adriamed activities, two WGs were held in Fano (July 2000) and Split (October 2000). The main research priorities concerning the biological knowledge and fishery management aspects of shared demersal and small pelagic stocks of the Adriatic Sea were identified and discussed, work plans were thus formulated.

For other WGs, such as that regarding socio-economic indicators in fisheries, the best way to proceed is somewhat difficult to identify. This is due to the fact that there is not the same base of expertise around the region; this lack of expertise in some countries carries the risk of excluding these areas from full participation in Project activities.

For the next period the Project will work on the strengthening and consolidation of the established WGs (demersal and small pelagic) in order to give continuity to the results so far obtained. For other fields where the network is not yet established, attention will be paid to supporting the creation of a knowledge base and to capacity building for the areas in which particular countries do not have expertise. The participation of individuals from Adriamed countries in seminars and training activities will be encouraged and supported.

c) Cooperative research activities

With reference to the current status of scientific knowledge on shared demersal and small pelagic stocks, the WGs on these fishery resources (CC/02/Info 3 and Info 5) formulated specific proposals which regard areas recognised by the experts as requiring attention. These include studies and research on: shared fishery resource appraisal, genetic stock structure, commercial catch monitoring, trawl gear selectivity, bibliographical reviewing and updating and on-the-job training. The research and work programmes proposed are summarised in CC/02/04. The proposals are briefly presented, for each there is a page in which the background, objectives, methodology applied, a tentative timetable and cost estimate are defined.

The Project, in accordance with budget availability and Project priorities, will follow up with the research and work programmes identified by the WGs.

The research will be carried out by the institutions which form the Adriamed scientific network, in some cases experts will be involved in their individual capacity. The research and work programmes proposed will start gradually from January 2001.

The results obtained will be issued in the Adriamed publication series. Dissemination of the results will be guaranteed by the Project in the Adriatic countries, in the regional scientific institutions and in the scientific and technical committees of GFCM. The information will be disseminated as hardcopies and as documents available on the website, all documents will also be entered in ASFA. When possible the results will be presented at relevant technical meetings and national and international symposia. Furthermore, in order to complete the transfer of technical results to the end user, some research may be summarised and translated into the regional languages, thus making it accessible to the fishworkers. This applies to research results with direct influence on fishery management.

d) Strengthening the relationship at regional and Mediterranean level, between the GFCM and the Project

As a consequence of the gradual approach applied by the Project, this second year of Project activity will concentrate on strengthening the relationship with the participating countries with the different regional institutions involved in fisheries management. This will be possible with technical and logistical support from the National Focal Points and the scientists already involved with the Project. Priority will be given to building each nation's human resources capacity.

In order to contribute as a FAO Pilot Project, the relationship with the GFCM will be reinforced. A numbers of Adriamed activities are being implemented or planned which are in line with the SAC and GFCM requests and recommendations.

Following the 3rd GFCM-SAC (Scientific Advisory Committee) meeting held in Madrid, the 2nd Session of CAQ (Committee on Aquaculture), the 25th session of the GFCM held in Malta and following further discussion, the general plan for the organisation of meetings within the Adriamed framework is the following:

1. An Expert Consultation on capture and culture fisheries interaction;
2. A Working Group on socio-economic indicators in the Adriatic Sea;
3. A Working Group meeting to review Operational Units.

1. The first meeting of the Adriamed Coordination Committee recommended this Expert Consultation; during the Second Session of CAQ cooperation on this aspect was discussed. The Project has scheduled a meeting (before the end of 2000) between the Adriamed Professional Staff and the Chair of the CAQ to define the Terms of Reference for the Expert Consultation (period scheduled November 2001).

2. Some aspects of the WG on socio-economic indicators in the Adriatic Sea were discussed during the 3rd SAC meeting in order establish a cooperative framework.

The aims of this WG are: to discuss the identification and use of socio-economic indicators in the Adriatic management units and to establish a permanent network of socio-economic experts in the region. The WG will be formed taking into consideration the experience present in the Adriatic region and the contribution coming from other areas to the discussion on socio-economic studies.

The first meeting of the WG was initially scheduled for December, however some difficulties were encountered in involving economists from Croatia, Slovenia and Albania in a short time. For this reason the Project decided to postpone the organisation of this WG, giving instead a contribution to SAC sub-committee on socio-economic indicators by supporting the participation of Adriatic economists at the WG that will be held in Tunisia next February. An exploratory expertise will be created in order to identify a specialist group in each Adriamed country.

3. The multidisciplinary WG meeting on Operational Units was discussed during the 3rd session of SAC in order to design and compile an inventory of Operational Units. The possibility of organising this meeting under the framework of the Adriamed project was examined. The meeting will focus on the Adriatic and results will be made available throughout the region.

The issue of Operational Units was also introduced and discussed during the Adriamed WG on priority topics related to shared demersal fishery resources of the Adriatic Sea and aspects concerning the application to Adriatic management units were highlighted.

Following much discussion and following some communication with SAC, the organisation of a meeting on Operational Units was suggested and planned. The results of this meeting will be passed to the GFCM by SAC in order to prepare a draft Operational Units Table, indicating information coming from each area of the Mediterranean. Adriamed's contribution could be to organize this meeting in the Project area in the same period as the second meetings of the Adriamed Working Groups on shared fishery resources. The Project would support the cost of those attending from participating countries, cover the cost of some external experts and attend to the logistical arrangements.

Table 1. Coherence with GFCM recommendations of Adriamed Project activities (under implementation or currently being considered).

GFCM recommendations as under paragraph 52 of the Report of the Twenty-fifth Session	Relevant Adriamed activities
<p><input type="checkbox"/> To develop a network of social scientists in order to facilitate the work of the Sub-Committee. The Network, using its own Web Page, would contribute to the inventory of social experts and studies and to the completion of the glossary.</p>	<p>Efforts are being made to identify the available expertise existing in each of the Project countries. Assistance to Albanian, Croatian and Slovenian experts to participate in the forthcoming SAC Sub-Committee meetings for Economics and Social Sciences.</p>
<p><input type="checkbox"/> To develop and use homogenous socio-economic indicators in each of the GFCM management units.</p>	<p>Planned activities at selected fishing ports around the Adriatic Sea are expected to include the collection of socio-economic information.</p>
<p><input type="checkbox"/> To carry out studies considering the relationship between the social, institutional and legal aspects of fisheries management.</p>	<p>On-going information gathering and preparation of national fishery sector directory deal to some extent with the topics referred to.</p>
<p><input type="checkbox"/> To develop and apply management measures necessary to correct the problems of overfishing.</p>	<p>The work proposal on experimental designing and performance testing of an enhanced selectivity bottom trawl gear is being considered.</p>
<p><input type="checkbox"/> To define the limits of management units with precision as soon as possible.</p>	<p>This issue is being considered within the Adriamed Working Groups on shared fishery resources.</p>
<p><input type="checkbox"/> That active participation of member countries in providing the (SCSA) Working Group with all the existing information at their disposal is essential.</p>	<p>Support for the participation of Albanian, Croatian and Slovenian experts in the Working Group meetings. Critical compiling of existing information on main shared fishery resources of the Adriatic Sea is underway.</p>
<p><input type="checkbox"/> That efforts should be made to increase the number of assessments carried out in the southern and eastern areas.</p>	<p>Although focused on the Adriatic Sea, one of the results of the regional training workshop on stock assessment is expected to be the joint appraisal of some key shared stocks.</p>

<input type="checkbox"/> That SCSI should be entrusted with the collection of capture fisheries statistics for all disciplines related to the industry. It should coordinate activities contributing to a single fisheries statistics database which would be managed by the Secretariat of a future autonomous GFCM.	Not applicable.
<input type="checkbox"/> That the “STATLANT B” questionnaire should be abolished.	n.a.
<input type="checkbox"/> That a regional project to improve the quality and coverage of data for the Mediterranean as a whole be prepared and submitted to potential donors, using appropriate procedures.	n.a.
<input type="checkbox"/> That a multidisciplinary Working Group, under the responsibility of SCSI, should be brought together to design and compile an inventory of Operational Units as well as to define the data structure and fishing effort parameters. This Working Group would, in the first instance, meet under the framework of the Adriamed Project and focus on the Adriatic region.	<p>The meeting referred to on Operational Units is planned to take place in the year 2001 within the Adriamed framework.</p> <p>The Adriamed Working Groups on shared demersal and small pelagic stocks have tackled the issue of Operational Units and will take it into consideration at their next meeting.</p>
<input type="checkbox"/> To carry out a study on the spatial and temporal distribution of nursery areas, giving particular attention to the environmental and biotic features of such areas.	The proposed study on the important Pomo Pit critical habitat is coherent with this issue.
<input type="checkbox"/> To analyse the effects of environmental parameters on the recruitment processes for shared resources.	<p>This topic is being dealt with within the Adriamed Working Group on shared small pelagic resources of the Adriatic.</p> <p>The inventory of existing and available time series of environmental and fishery variables is being implemented as baseline for joint analysis.</p>
<input type="checkbox"/> To study the effect of fishing gear on non-targeted species.	Partly considered under the proposed work on bottom trawl gear selectivity and on the pilot commercial fishery sampling network.
<input type="checkbox"/> That member countries coordinate their national shark plans at the regional Mediterranean level within the framework of the FAO IPOA on sharks.	No specific action is being considered.

Proposed research programmes as follow-up to the Working Group proceedings

A number of medium to long-term activities have been identified by the Adriamed Project as priorities of relevance within the overall Project aim and mandate of strengthening scientific cooperation to support responsible fisheries in the Adriatic Sea. Some of these may be regarded as constituting a core group of scientific programmes mostly formulated by *ad hoc* Working Groups of regional experts and others directly proposed by the Project. Identified programmes are listed below and brief summary sheets of each are also provided.

	Programme	Institutions
1	Appraisal of pelagic fish biomass and of relationships between spatio-temporal fluctuation patterns and oceanographic parameters in the Adriatic Sea	Fishery Directorate (Albania); Institute of Oceanography and Fisheries (Croatia); Irpem-CNR (Italy); National Institute of Biology (Slovenia)
2	Appraisal of small pelagic fish resources in the Adriatic Sea by means of Daily Egg Production Method (DEPM)	Fisheries Research Institute (Albania); Institute of Oceanography and Fisheries (Croatia); Marine Biology Laboratory (Italia); Irpem-CNR (Italy); Marine Biology and Fisheries Laboratory (Italy); National Institute of Biology (Slovenia)
3	International bottom trawl survey in the Adriatic Sea	Fisheries Research Institute (Albania); Institute of Oceanography and Fisheries (Croatia); Marine Biology Laboratory (Italia); Irpem-CNR (Italy); Marine Biology and Fisheries Laboratory (Italy); National Institute of Biology (Slovenia)
4	Development and performance assessment of a prototype bottom-trawl net	Fisheries Research Institute (Albania); Institute of Oceanography and Fisheries (Croatia); Marine Biology Laboratory (Italia); Irpem-CNR (Italy); Marine Biology and Fisheries Laboratory (Italy); Iqram (Italy); National Institute of Biology (Slovenia)
5	Pilot small pelagics fishery statistics and biological sampling network in the Adriatic Sea	Fishery Directorate (Albania); Institute of Oceanography and Fisheries (Croatia); Irpem-CNR (Italy); Marine Biology Laboratory (Italia); National Institute of Biology (Slovenia)
6	Identification of biological unit of Adriatic Sea shared stocks from genetic stock structure analysis	University of Bologna - Marine Biology and Fisheries Laboratory (Italy); National Institute of Biology (Slovenia)
7	Regional training workshop and joint stock assessment exercise	Fisheries Research Institute (Albania); Institute of Oceanography and Fisheries (Croatia); Marine Biology Laboratory (Italia); Irpem-CNR (Italy); Marine Biology and Fisheries Laboratory (Italy); Iqram (Italy); National Institute of Biology (Slovenia)
8	Synopsis of species constituting shared stocks in the Adriatic Sea	Regional experts
9	Identification of management options for the Pomo Pit critical habitat	TBD

Programme (1)	Appraisal of pelagic fish biomass and of relationships between spatio-temporal fluctuation patterns and oceanographic parameters in the Adriatic Sea
Overall Objective	To estimate the small pelagic fish biomass and distribution pattern in the Adriatic Sea with associated environmental variables.
Background Rationale	The size of small pelagic stocks of the Adriatic is known to show marked fluctuations. Total pelagic biomass ratio of maximum to minimum has been observed as of 4, the same abundance ratio for the anchovy stock is as much as 20. Similar fluctuations, although less dramatic, have also been reported for sardines and sprats. Spatial distribution is also believed to change with stock size as well as catchability. Environmental variables may strongly affect stock abundance, distribution and as a consequence availability to fishery. All the information on small pelagic stock biomass and distribution has been obtained through spatially constrained research covering only part of the Adriatic Sea, thus affecting the basin-wide validity of results and forcing scientists to make questionable and unsubstantiated assumptions. Validation of past information and the achievement of a complete insight into small pelagic stock abundance and distribution, including the connection with associated environmental variables, throughout the Adriatic Sea is of utmost importance especially in semi-enclosed area where shared stocks occur such as the Adriatic.
Activity Methodology	Combined acoustic and mid-water trawling survey of the Adriatic Sea to the bathymetry of 200 m bottom depth with the exclusion of Montenegrin territorial waters, also associated to oceanographic parameter sampling at the same locality by auxiliary vessel. Pelagic trawl catch sampling for species composition and biological sampling of relevant data for population species dynamics and ecology.
Activities	<ul style="list-style-type: none"> • Preparation of acoustic-pelagic trawling survey design for a total survey area of 40000 sq. nm. Survey grid length is estimated at 4500 nm. Meteo (air temperature, wind speed and direction, sunlight) and oceanographic (water column temperature, conductivity and dissolved oxygen) sampling stations will be allocated in the same area of the fish survey • Survey execution, biological and environmental sampling • Acoustic and biological data processing, resulting information will be correlated with synoptic environmental data • Bio-acoustic and oceanographic data will also be analysed with the Geographical Fishery Resources Data Base System (GFRBDS) software which will be further developed <i>ad hoc</i> to include the whole Adriatic Sea • As an additional activity, information on Sea Surface Temperature (SST) from remote sensing may be used in the analysis work • On-the-job training on bio-acoustic data collection and processing, sample processing, spatial analysis of bio-physical information.
Expected Results	The successful execution of the first-ever acoustic and pelagic trawling survey for the whole Adriatic is expected to achieve, among others, the following results: A basin-wide estimate of biomass density and size/age structure (total and by species); Spatial pattern (patchiness) and geographical distribution of pelagic fish biomass; A sound insight into the effects of environmental, fishing and inter-intra specific factors on spatio-temporal pelagic biomass abundance and distribution; Indirect validation of previous information and results from geographically limited surveys.
Duration	Three years
Preliminary total cost estimate	1 st year USD 247000 (Acoustic/pelagic trawling: USD179000; hydrological: 68000)

Programme (2)	Appraisal of small pelagic fish resources in the Adriatic Sea by means of Daily Egg Production Method (DEPM)
Overall Objective	To estimate the small pelagic fish spawning stock biomass and recruitment in the Adriatic Sea.
Background Rationale	The size of small pelagic stocks of the Adriatic is known to show marked fluctuations as shown by the drastic decrease of the anchovy stock in the late 1980s. Similar fluctuations, although less dramatic, have been reported also for sardines and sprats. Spatial distribution is also believed to change with stock size as well as catchability. Environmental variables may strongly affect stock abundance, distribution and as a consequence availability to fishery. All the information on small pelagic stock biomass and distribution has been obtained through spatially constrained research covering only part of the Adriatic Sea, thus affecting the basin-wide validity of results and forcing scientists to make questionable and unsubstantiated assumptions. Validation of past information and the achievement of a complete insight into small pelagic stock abundance and distribution, including the connection with associated environmental variables, throughout Adriatic Sea is of utmost importance especially in semi-enclosed area where shared stocks occur such as the Adriatic.
Activity Methodology	Eggs and larvae survey combined with pelagic trawling and water column temperature sampling.
Activities	<ul style="list-style-type: none"> • Preparation of survey design including Eastern Adriatic territorial water through the allocation of 18 sampling transects (Albania: 3; Croatia: 6; Italy: 8; Slovenia: 1) • Eggs and larvae and pelagic trawling survey execution combined with water column temperature recording (up to 100 m) • Data collection, compiling and processing following common protocol prepared and agreed upon by all researchers involved • Joint data elaboration and analysis applying DEPM method • On-the-job training on DEPM method application (including histological gonad analysis).
Expected Results	Eggs and larvae distribution and relative abundance pattern; Estimate of spawning biomass by species; Species daily egg production estimate including spawning frequency, batch fecundity and average relative fecundity; Estimate of exploitable biomass.
Duration	One year
Preliminary total cost estimate	USD 65000

Programme (3)	International bottom trawl survey in the Adriatic Sea
Overall Objective	Execution of joint ground fishery appraisal survey in the Adriatic Sea.
Background Rationale	In the Adriatic, experimental bottom trawl surveys to monitor and assess demersal fishery resources have been carried out since 1948-49 (Hvar Expedition). For the most part demersal survey sampling design could cover only national and international waters. Exceptions were the 1982-84 survey, jointly executed by Croatia and Italy in the Northern and Central Adriatic, and more recently, within the EU-funded Medits programme the whole Adriatic has been surveyed since 1996, with the exception of Montenegrin waters. Italy has been implementing demersal trawl surveys in national and international waters to the territorial waters of the other coastal countries since 1985 for a total of 25 survey exercises. Common approach at regional level is needed when the key demersal resources are straddling stocks across the boundaries between territorial seas and international waters where open access conditions apply. The consideration in point of fact that the most important commercial stocks of the Adriatic are almost all exploited and therefore shared by the national fishing fleets makes it necessary that their monitoring and assessment be carried out over the whole Adriatic Sea.
Activity Methodology	Eastward extension of the Italian demersal trawl survey to include Albanian, Croatian and Slovenian waters.
Activities	<ul style="list-style-type: none"> • Preparation of survey design including Eastern Adriatic territorial waters through the allocation of 41 hauls (Albania: 18 hauls; Croatia: 22 hauls; Slovenia: 1 haul) • Survey execution at the end of summer/early autumn • Data collection, compiling and processing following common protocol prepared and agreed upon by all researchers involved • Joint data elaboration and analysis.
Expected Results	Relative abundance index and occurrence pattern of target species over the whole Adriatic basin; Availability for analysis work of two sampled seasons: spring (Medits) and October (current); Partial integration and comparison with past or other current survey results; Appraisal of the status of demersal resources using standard stock assessment tools.
Duration	One year
Preliminary total cost estimate	USD 33000

Programme (4)	Development and performance assessment of a prototype bottom-trawl net
Overall Objective	Designing and testing of demersal trawl gear with increased selectivity.
Background Rationale	It is known that demersal trawl fishery catch is made up of a large proportion of juvenile fish and invertebrates. It is a matter of fact that Mediterranean fisheries are largely based on juveniles and various management tactics have been adopted or proposed to control them. Although direct control of fishing gear selectivity may not be considered the most feasible management option, development of trawl gear of innovative design which may ensure increased net selectivity should be pursued. It was also noted that around the Adriatic Sea there is a considerable experience in experimental fishing gear technology which should be used for the purpose of reducing juvenile catch by trawl net. The reduction of excessive, unprofitable, catch of juvenile individuals, such as those of highly valuable species as Mediterranean hake and Norway lobster, may meet the favourable acceptance of resource users.
Activity Methodology	Technical design of a more highly selective trawl-net based on the existing knowledge, followed by gear selectivity testing at sea, performance will be compared with that of common commercial bottom trawls.
Activities	<ul style="list-style-type: none"> • Gear design development and prototype construction • Selectivity experiment at sea using the covered codend method • Comparative hauling using both experimental and commercial trawl gear • Analysis of catch composition by species/size and estimate of gear selectivity parameters • Assessment of economic viability of the experimental gear.
Expected Results	The newly designed gear will result from the joint effort and experience of fishing gear technologists of the region. This should lead to the availability of a bottom trawl gear of higher selectivity for commercial fishery of innovative design not necessarily based only on codend mesh size. The trawl gear of enhanced selectivity will allow for significant reduction of juvenile by-catch of some of the main fishery target species.
Duration	One year
Preliminary total cost estimate	USD 50000

Programme (5)	Pilot small pelagics fishery statistics and biological sampling network in the Adriatic Sea
Overall Objective	Monitoring and assessment of Adriatic small pelagic stocks through the knowledge at regional level of fishery dynamics and bio-economic exploitation patterns of main commercial Adriatic pelagic fish stocks.
Background Rationale	Small pelagic fish stocks are of key importance for Adriatic fisheries. In particular the exploitation of anchovy and sardine is a primary activity notably with relevant consequences in terms of economics and employment. Alimentary habits and market preferences are different within the Adriatic region with anchovies being highly requested on the western markets and sardines on the eastern ones. This causes the discarding of sardines by the western fishing fleet. Jointly concerted exploitation would be determinant in the optimisation of fisheries, reducing discards of an otherwise valuable resource. Small pelagic fish are resources of relatively high mobility whose stock size is characterised by marked between the years fluctuations which make small pelagic fisheries an inherently risky enterprise. Joint monitoring of the pelagic fishery dynamics and assessment of exploitable stock throughout the Adriatic Sea are fundamental requisites for sustainable exploitation and sound management of small pelagic fishery resources. Moreover, the majority of the data used for stock assessment and population dynamics studies are from scientific trawl surveys. The high quality data thus obtained may not be indicative of the seasonal and spatial composition of the commercial catch nor of the allocation of the commercial fishing effort.
Activity Methodology	Commercial catch and effort data collection by species/gear at selected landing sites (base ports) around the Adriatic coast with associated biological sub-sampling.
Activities	<ul style="list-style-type: none"> • Setting-up of pilot catch and effort sampling network at selected landing ports • Establishment of common sampling protocol • Creation of a regional database holding all the data collected by country and for the whole region • Analysis of collected fishery statistics • Analysis of the size/age structure of the exploited stocks • Fish samples ageing by means of otolith reading and length-frequency distributions • Stock assessment through holistic and analytical models • Tentative re-building of historical time series for the whole of Adriatic small pelagic fishery • Associated socio-economic research at selected fishery landing sites • On-the-job training on data collection and handling • On-the-job training on fish ageing and growth parameters estimate • On-the-job training on stock assessment.
Expected Results	Knowledge of within-the-year Adriatic small pelagic fishery dynamics and comparative analysis of fishery exploitation patterns at regional level; Estimate of current fishing mortality and assessment of stock abundance and of yield sustainability; Sound scientific advice for optimisation of exploitation and discard reduction; Socio-economic characterization of Adriatic small pelagic fisheries.
Duration	Three years
Preliminary total cost estimate	1 st year USD 149000 (inclusive of on-board observer and logbook programmes)

Programme (6)	Identification of biological unit of Adriatic Sea shared stocks from genetic stock structure analysis
Overall Objective	Assessment of genetic stock unit of target species.
Background Rationale	The role of the analysis of the genetic structure of fish and invertebrate populations in providing information on geographic limits of stocks and gene flow among sub-populations is widely recognised. The occurrence of possible sub-populations of the same species but which have some genetic differences should be considered and the possibility of managing them as separate stocks taken into account. Knowledge of patterns of intraspecific genetic homogeneity/heterogeneity of key fishery resources is very limited for species whose stocks are shared in the Adriatic Sea.
Activity Methodology	Use of standard technology for DNA molecular marker analysis applied to samples representative of the whole Adriatic Sea basin of six selected species (tentatively identified as <i>Merluccius merluccius</i> , <i>Mullus barbatus</i> , <i>Engraulis encrasicolus</i> , <i>Sardina pilchardus</i> , <i>Nephrops norvegicus</i> and <i>Sepia officinalis</i>).
Activities	<ul style="list-style-type: none"> • Collection of relevant information from scientific literature and molecular databases • Collection of samples from the whole Adriatic Sea basin • Samples processing and collection of genetic data on target species • Data elaboration and genetic pattern description • On-the-job training may be considered
Expected Results	Improved knowledge of biological stock unity in the Adriatic Sea of target species through the assessment of population genetic structure, estimate of genetic variation and gene flow between possible sub-populations.
Duration	Two years
Preliminary total cost estimate	USD 22000/year

Programme (7)	Regional training workshop and joint stock assessment exercise
Overall Objective	Enhancement of professional skills and strengthening of scientific cooperation through cooperative analysis of the available scientific information on shared stocks.
Background Rationale	The Adriamed Project identified, through its Working Groups, that a general need exists for advanced level training in the application of the most recent analytical methods for stock assessment. A large amount of data on the Adriatic fishery resources during recent years (and also historically) has been accrued and it has not always been possible to fully exploit this information. The proposed activity aims at creating an opportunity for cooperative analysis and joint assessment of the common and shared stocks and at improving on the currently partial stock assessment work, often limited to the spatio-temporal data coverage of each individual data set.
Activity Methodology	The training workshop will be designed to be carried out in two separate sessions preceded by a preparatory meeting of lecturers. Participants will: - Be currently engaged in assessment work - Have a set of data available, preferably collected personally - Be familiar with, at least, the basics of the techniques and methods to be dealt with during the course Lecturers will be high-level professionals with sound and proven experience in stock assessment, familiar with the Mediterranean Sea or similar (sub-tropical) areas characterised by multigear/multispecies fisheries.
Activities	<ul style="list-style-type: none"> • First session: theory behind currently used assessment methods and models, assumptions to be met and the data requirements. Specific demonstrative material (e.g. published applications of the methods) will be provided by lecturers. Exercises with previously prepared material will be carried out • Inter-session: as follow-up to this first session participants will compile and pre-processed their own original data according to the methods indicated during the first part of the training workshop • Second session: application of the previously introduced stock assessment methods to participants' data. The exploitation of the stocks will be assessed and the value of the chosen Biological Reference Points will be estimated. Reliability and uncertainty of results will be taken into account and discussed.
Expected Results	Enhancement of the skills of national scientists in the application of modern stock assessment and fishery resource appraisal methods; Assessment of the suitability of routinely collected data of each country to the need to formulate technical advice for fishery management; Improved capability for cooperative analysis and joint assessment work of common and shared fishery resources; Identification of suitable stock assessment tools which could become common in all coastal countries thus leading to the evaluation and application of the biological reference points for fishery management which are appropriate for the resources of the Adriatic Sea.
Duration	One year
Preliminary total cost estimate	USD 70000

Programme (8)	Synopsis of species constituting shared stocks in the Adriatic Sea
Overall Objective	To prepare up-to-date synopses critically reviewing all the relevant scientific information on main species whose stocks are shared in the Adriatic Sea.
Background Rationale	The current status of biological knowledge of shared fishery species in the Adriatic basin is included in wide number of scientific papers. A large quantity of data, including biological information, are present in the so-called grey literature. This knowledge is fragmented and not always easily available. This does not allow interested parties at various levels to access and to integrate the existing information.
Methodology	Critical reviewing of the existing published research on selected species (tentatively identified as <i>Merluccius merluccius</i> , <i>Mullus barbatus</i> , <i>Engraulis encrasicolus</i> , <i>Sardina pilchardus</i> and <i>Nephrops norvegicus</i>).
Activities	<p>The synopsis will be prepared for five species, three demersal and two small pelagic species, whose stocks are shared by the Adriatic Sea fishing fleets.</p> <ul style="list-style-type: none"> • The species have been selected from the Group A species list of the Adriamed WGs on demersal and small pelagic shared fishery resources, which are the species considered by the Adriatic fishery experts as high priority due to their commercial relevance. • Highly qualified experts will be in charge of the synopsis preparation, also using the information made available within the Adriamed framework, collecting and analysing the existing information, and creating a bibliographic database for each species. • Critical review of all information on: species habitat and geographical occurrence pattern, early life history, reproductive biology; feeding ecology, physiology, behavioural patterns, population dynamics, population genetics, fishery exploitation status and pattern, conservation and management measures. <p>The information gathered and reviewed will be issued in the Adriamed publication series and will be widely distributed. Translations into national languages will be considered. The language utilized in the text will be strictly technical although accessible to those who do not form part of the scientific community.</p>
Expected Results	Comprehensive and up to date biological synopsis of selected species of the Adriatic Sea accessible to the relevant stakeholders at several levels.
Duration	One year
Preliminary total cost estimate	USD 25000 (USD 5000/species)

Programme (9)	Identification of management options for the Pomo Pit critical habitat
Overall Objective	Dynamics and assessment of the fishery resources of the Pomo Pit critical area
Background Rationale	The Pomo Pit is one of the most important critical habitats for some shared demersal stocks of the Adriatic Sea. The area is known for the high occurrence of species whose stocks are of remarkable commercial importance such as gadiformes, Norway lobster and cephalopods. The Pomo Pit also serves as an important nursery area for the hake stock of the Central Adriatic. Management measures for critical areas such as the Pomo Pit should be based on sound scientific knowledge of the fishery resources dynamics.
Activity Methodology	Analysis of available information which may be followed by <i>ad hoc</i> field research
Activities	<ul style="list-style-type: none"> • Collection of all available knowledge on the Pomo Pit (including that from “grey literature” sources) • Elaboration, analysis and appraisal of existing knowledge • Joint formulation by the regional experts of management options. <p><i>If required and agreed further work may consist of:</i></p> <ul style="list-style-type: none"> • Designing of an <i>ad hoc</i> bottom trawl survey of the area concerned allocating a fixed number of hauls in each season of the year • Analysis of experimental data • Joint formulation by the regional experts of management options.
Expected Results	Detailed outline and improved knowledge of the fishery resources dynamics of the Pomo Pit critical area; Assessment of the relevance of the area concerned for the Central Adriatic fisheries; Formulation of management options for the Pomo Pit demersal fishery resources.
Duration	One year (a second year may be considered)
Preliminary total cost estimate	Initially USD 10000

Project communication and information system

Introduction: background and aims

One of the main objectives of Adriamed is to establish an integrated, standardised communication and information system for both national and regional requirements. From the beginning of its mandate the Project has therefore focused on setting up just such a system which would allow internal communication within each participating country, inter-regional communication and also access to international channels.

One specific Project aim is to provide channels of communication within Adriamed countries to allow free exchange of information regarding the Adriatic thus facilitating the realisation of Project activities. The Project also aims to support the participating countries concerning every type of potential problem regarding information technology. A common communication system between the countries is considered fundamental assumption for the implementation of Project objectives. Regional, inter-country collaboration will be facilitated by the Project which will oversee the setting up of a regional, computer based communications network and information system. In order to understand the needs of each participating country, to strengthen the regional communication and to stimulate the cooperative information flow within and between participating countries, a series of activities are being developed.

Design and standardization of the Adriamed communication system

An official Adriamed house-style was designed according FAO specifications: series of software programs are currently being developed to assist Adriamed staff, experts and counterparts in the preparation of necessary documentation using the correct layout and style. These programs are being made available in the Intranet area of the Adriamed web site and will result in more efficient preparation of all reports and work programmes. Therefore, the Project requires all contributions from counterparts always to be made available in digital format.

Adriamed Project publications

Adriamed is developing a series of publications as Technical Documents, Translations and Occasional Papers related to meeting, missions, seminars, studies and research organized by or conducted within the framework of the Project. The material produced to date is:

- Report of the First Meeting of the Adriamed Coordination Committee, (GCP/RER/010/ITA/TD-01)
- Report of the First Meeting of the Working Group on Priority Topics Related to Shared Demersal Resources of the Adriatic Sea, (GCP/RER/010/ITA/TD-02)

- Report of the First Meeting of the Working Group on Priority Topics Related to Small Pelagic Resources of the Adriatic Sea, (GCP/RER/010/ITA/TD-03 draft version)
- Translation into Albanian of the FAO Code of Conduct for Responsible Fisheries: (GCP/RER/010/ITA/AT-01)
- Translation into Croatian of the FAO Code of Conduct for Responsible Fisheries: (GCP/RER/010/ITA/AT-02)
- Report of the Seminar on the Preparation of the Adriamed AdriaFISH Project Component (AdriaFISH Fishery Information System): (GCP/RER/010/ITA/OP-01).

Adriamed web pages: www.faoadriamed.org

In order to improve the information at regional level on Adriamed topics and activities, a web site has been developed and is continuously updated. It is stressed that this is considered the principal vehicle for information dissemination. A Registration Agreement for the domain "faoadriamed.org" was made and the necessary email addresses were activated. The web site contains information on the Project and the latest developments on Project Components. All the documents produced are available in a format to download and organisational information on forthcoming and recent meetings is accessible. The web site also offers links to Adriamed Project areas of interest and fisheries information related directly or indirectly to the Adriatic Sea, all hosted in the Adriatic Links section. A website private area (Intranet) is also being developed in order to access documents of a more reserved nature. Every effort is being made to make these pages as useful as possible, both for those directly involved in the Project and for occasional visitors.

Adriamed FTP service

An analysis was carried out in order to develop a private communication network, to strengthen information exchange between the Project counterparts in the region and between them and the Project itself. As first step a FTP (*File Transfer Protocol*) service has been activated, with a public and private area, accessible by password.

Adriamed AdriaFISH (Adriatic Fishery Information System)

In the framework of the Project component AdriaFISH (CC/02/Info 4), Adriamed is developing an accessible web version of AdriaFISH, using ASP (*Active Server Pages*) technology. This will ensure, at regional level, the widest possible circulation of Adriatic information published in the AdriaFISH information system.

List of Adriamed Publications

A. Technical Documents

Massa, F., Mannini, P. (eds). 2000. Report of the First Meeting of the Adriamed Coordination Committee. FAO-MiPAF Scientific Cooperation to Support Responsible Fisheries in the Adriatic Sea. GCP/RER/010/ITA/TD-01: 64 pp.

Adriamed. 2000. Priority Topics Related to Shared Demersal Fishery Resources of the Adriatic Sea. Report of the First Meeting of the Adriamed Working Group on Shared Demersal Resources. FAO-MiPAF Scientific Cooperation to Support Responsible Fisheries in the Adriatic Sea. GCP/RER/010/ITA/TD-02: 21 pp.

Adriamed. 2001. Priority Topics Related to Small Pelagic Fishery Resources of the Adriatic Sea. Report of the First Meeting of the Adriamed Working Group on Small Pelagic Resources. FAO-MiPAF Scientific Cooperation to Support Responsible Fisheries in the Adriatic Sea. GCP/RER/010/ITA/TD-03. *Adriamed Technical Documents*, 3: 85 pp. (*in preparation*).

Adriamed. 2001. Report of the Second Meeting of the Adriamed Coordination Committee. FAO-MiPAF Scientific Cooperation to Support Responsible Fisheries in the Adriatic Sea. GCP/RER/010/ITA/TD-04. *Adriamed Technical Documents*, 4: 41 pp.

B. Adriamed Translations

Adriamed (Botim.). 2000. Përkthim në shqip i Kodit të FAO-s të Drejtimit për një Peshkim të Përgjegjshëm. GCP/RER/010/ITA/AT-01 40f. (Albanian Translation of the FAO Code of Conduct for Responsible Fisheries, 1995).

Adriamed (Izdavac). 2000. Hrvatski prijevod FAO Kodeks Odgovornog Ribarstva. GCP/RER/010/ITA/AT-02 38str. (Croatian Translation of the FAO Code of Conduct for Responsible Fisheries, 1995).

C. Adriamed Occasional Papers

Adriamed. 2000. Adriamed Seminar on the Preparation of the AdriaFISH Project Component (Adriatic Fishery Information System). FAO-MiPAF Scientific Cooperation to Support Responsible Fisheries in the Adriatic Sea. GCP/RER/010/ITA/OP-01.