

WORLD METEOROLOGICAL ORGANIZATION

IPM / (2011)/Doc. 2

INFORMAL PLANNING MEETING
VOLUNTARY COOPERATION PROGRAMME

ITEM 3.1

Original: ENGLISH

GENEVA, SWITZERLAND
11 - 12 APRIL 2011

VCP AND VCP COORDINATED ACTIVITIES 2010

(Submitted by the Secretary-General)

Summary and Purpose of Document

This document provides information on Voluntary Cooperation Programme Activities during 2010 including VCP Coordinated Programmes.

ACTION PROPOSED

The meeting is invited to consider the information on VCP Activities during 2010 including VCP Coordinated Programmes as a guide to donor members in planning their support to VCP during 2011 and their technical assistance programmes more broadly.

1. Management of the Voluntary Cooperation Programme

1.1 Management of the Voluntary Cooperation Programme

VCP Management Activities in 2010 focused on:

- Enhancing the visibility of capacity development and VCP Programme, and ensuring the cost-effective and efficient management of the VCP Programme and the timely distribution of the relevant information to Members;
- More rapid response to VCP Members' requests for assistance using the VCP(F), the Emergency Fund or through the VCP Coordinated Programme;
- Retirement and / or supporting outstanding VCP requests;
- Strengthening working relationship with Scientific Departments and Regional Offices for support of VCP projects;
- Upgrade of Website;
- New VCP Brochure and other promotion materials;
- Securing additional human resources support for RMO and VCP Programmes.

1.2 2010 Informal Planning Meeting on the VCP and related Technical Cooperation and Executive Council Working Group on Capacity Building (EC-CB)

The 2010 Informal Planning Meeting (IPM) on the Voluntary Co-operation Programme (VCP) and related Technical Co-operation Programmes met in Bali, Indonesia from 7 to 8 May 2009 under the chairmanship Mr Steve Palmer (UK). The meeting was attended by representatives of Australia, Canada, China, Finland, France, Germany, Japan, New Zealand, Republic of Korea, Spain, United Kingdom and Unites States of America. The meeting was also attended by Mr Arona Ngari, outgoing President of RA V and Mr Dean Solofa, from South Pacific Regional Environment Programme (SPREP).

1.2.1 Review of actions arising of last IPM Meeting

Regarding the WMO Revolving Fund mechanism the meeting recommended:

1. Based on prior consultations with D/LDCR the mechanism should be retired as it has not been used in the last few years by developing countries. The funds remaining should be transferred to the Emergency Assistance Fund.

Progress made:

The WMO Revolving Fund mechanism has been retired and the remaining funds have been transferred to the Emergency Assistance Fund.

Regarding resource mobilization and project development at the national, regional and sub-regional level the meeting suggested:

2. Regional Associations to be encouraged to consider the establishment of a subsidiary body that is charged with addressing capacity building, with a particular focus on priority areas identified at the regional level.
3. Regional Associations to communicate with the support of the Secretariat their priorities for capacity building to WMO subsidiary bodies, especially those with capacity building programs, and to bilateral and multilateral development agencies.

Progress made:

The presidents of the Regional Associations support these ideas related to capacity development and the discussions are on-going. This has also been reflected in the strategic development plan. Several Regional Association Presidents sit on the EC working Group on Capacity Building

2 WMO Voluntary Cooperation Programme – Activities supported

2.1 VCP (F) Supported Activities

A wide range of activities were supported through the VCP-F in 2010 including:

Expert Missions and services:

- Expert mission to Mongolia to assist with developing BUFR code
- Expert services for Guyana and Suriname in telecommunications to link NMS with the rest of RA III countries
- Expert missions to Cambodia for the restoration of the GTS connection and the satellite receiving system with related training
- Expert fact-finding mission to Bhutan
- Support to the 32nd session of the RA IV Hurricane Committee, Hamilton, Bermuda
- Support to the 42nd session of the Typhoon Committee, Singapore
- Support to the RA V Tropical Cyclone Meeting, Denpasar, Bali
- Climate Data Valorization in-country training in Mauritania

VCP Spares/shipping of equipment

- Provision of internet connection for NMS of Guinea Bissau and for Afghanistan Meteorological Authority
- Upgrade of Cook Islands basic synoptic network
- Purchase and installation of the electricity generator for NMS of Zambia

Support to CDMS and Climatological Activities

- CLIDATA software: Installation and training to the Cyprus NMS
- Support to the Climate Data Rescue and Digitization in Africa and other regions through International Environmental Data Rescue Organization (IEDRO)
- Purchase of two computers and one server for NMS of Mauritania

Training (see also 2.8)

- Training for forecasters in Solomon islands (together with the Office for the Least Developed Countries and Regional Coordination and with additional funds from UK)
- Training of Weather Forecasters in Kiribati (together with the Office for the Least Developed Countries and Regional Coordination)

Public Weather Service

- TV weather presentation for the Comoros Meteorological Service (with additional funds from UK)

2.2 Emergency Assistance (in combination with Emergency Assistance Fund)

Country	Description	Donor
Yemen	Rehabilitation of the Meteorological Networks: Provision of two AWS fully equipped to operate as synoptic weather stations	VCP(F) and VCP Emergency Assistance Fund
Bangladesh	Rehabilitation of the Meteorological Networks: Provision of two AWS fully equipped to operate as synoptic weather stations	VCP(F) and VCP Emergency Assistance Fund
Haiti	Rehabilitation of the Meteorological Networks: Provision of seven AWS fully equipped to operate as synoptic weather stations	VCP(F) and VCP Emergency Assistance Fund
Haiti	Secondment of forecasters, website development and management	Canada
Haiti	Training of five meteorologist in Toulouse, telecommunication for NMS of Haiti, development of extranet and meteorological products for Haiti in the unit established in Martinique	France
Haiti	Secondment of forecaster as part of the team based in Martinique to support Haiti	UK
Pakistan	WMO Fact-finding/needs-assessment mission and opening of WMO ad hoc liaison office, Islamabad, Pakistan, 14 October - 12 November 2010	VCP Emergency Assistance Fund
Seychelles (2008)	Rehabilitation of the Meteorological Networks: Provision of two AWS fully equipped to operate as synoptic weather stations	VCP(F) and VCP Emergency Assistance Fund
Tonga (2009)	Restore fully destroyed Niuatoputapu Meteorological Station and upgrade earthquake and tsunami Early Warning System	Under discussion

2.3 VCP- F Expenditure for 2010

Full details on VCP-F expenditure for 2010 are provided in **Appendix 1** and summarized in **Table 2** below. **Table 3** indicates expenditure trends over the period 2006 to 2010 and shows a general trend towards annually increasing expenditure over the time frame.

As expenditure now greatly exceeds income to the TF efforts will be made to expand the support of the VCP-F.

		USD
1	Expert Missions	52,407
2	Project Development	4,236
3	Fellowships and training activities	67,161
4	Equipment	282,996
5	Internet connection services	11,815
6	Support to CDMS and climatological activities	62,774
7	TV promotion and distribution	25,276
8	VCP Management (Website Update, Brochure, Communication-Visibility Actions)	29,006
	TOTAL	535,671

Table - 3 VCP(F) Expenditure 2006-2010 (USD)

	Activity Area	2006	2007	2008	2009	2010
	Project Development Activities				34,648	4,236
	VCP spares/shipping/equipment	1,480	170	147,267	281,782	64,255
	Expert services		14,013	16,528	33,342	52,407
	Short-term fellowships	40,954	45,339	106,570	133,530	62,928
	Group Training Activities			20,999		
	TCDC activities	14,852	4,462			
	Improvement of GTS		59,316			
	Improvement of GTS Asia/Pacific					
	Improvement of GTS Africa		79			
	Improvement of GTS South America					
	Improvement of GTS South-East RA VI					
	Improvement of GTS Central & Eastern Euro			3,238		
	Improvement of upper-air observing systems		22,643	28,688		
	Upper-air stations & GCOS	5,846	7,230		18,851	
	Improvement of GDPS	4,065				
	Agricultural meteorology activities					
	Support to CLICOM & climatological activities			4,490	38,472	62,774
	Mitigation of natural disasters	2,810				
	Emergency disaster assistance	13,328	101,553			218,741
	ACMAD	6,427				
	EAMAC	8,705	585			
	Operational hydrology activities		79			
	Improvement of satellite reception					
	Internet capabilities			13,916	6,257	11,815
	Long-term fellowships		1,682			4,233
	Support to LDCs		50,000			
	Public Weather Services					25,276
	Training activities by ETR		1,229			
	VCP Management				17,288	29,006
	Total	98,467	307,210	341,696	564,173	535,671

2.4 VCP (ES) Coordinated

In 2010, **5 donor Members** offered equipment and / or expert services within the framework of the VCP Equipment and Services Programme (VCP-ES) including for outstanding requests carried over from previous years. In total **27 new project requests** were received in 2010 (Appendix 2), out of which 11 could not be supported from VCP-F. These were posted to the web and circulated among the potential donors and VCP members. Of these **7 projects were supported through VCP (ES) Coordinated** in 2010 (Table 4) with additional support from other UN Agencies.

Project requests were mainly aimed at strengthening surface observing stations, strengthening communications systems, and improving meteorological applications. Some requests concerning TV weather presentation and expert services for legislative purposes were also received.

VCP Management Activities focused in 2010 on retirement and / or supporting outstanding VCP requests and discussions with Scientific Programmes and Regional Offices concerned in order to

support valid projects using the VCP (F) and close requests that are no more valid. In the end of the year 2010 only nine VCP requests remained unmet in the system.

Table 4 - VCP Coordinated Projects supported in 2010

Members support				
	Requesting Country	Focus	Supporting country	Amount (estimates)
1	Angola	Rehabilitation of eight GSN stations	Netherlands (GCOS)	EUR 100,000
2	Comoros	TV weather presentation	UK (together with VCP (F))	GBP 12,000
3	Maldives	Consumables for upper-air system at Gan	UK	Balloons: GBP 3,950 Radiosondes: EUR 51,595
4	Moldova, Republic of	Hydrologist automatic workstation	Russian Federation	USD 40,000
5	Solomon islands	Training for forecasters	UK (together with the Office for the Least Developed Countries and Regional Coordination)	GBP 2,000
6	Uruguay	Meteorological instruments for the synoptic station of World Climate Observation System	Spain (GCOS)	EUR 40,000
7	Zimbabwe	Supply of 400 radiosondes and upgrade of the upper-air sounding station	Switzerland (GCOS)	EUR 40,000
UN Agency Support				
8	Tanzania	GTS connection to coastal stations and SYNERGY upgrade	UNISDR	USD 65,000
9	Sierra Leone	AWS Network	UNDP	UNDP 100,000

2.5 Members Related Technical Cooperation Activities

See IPM/(2011)/Doc. 3 for a full inventory of Members bi-lateral cooperation activities.

2.6 WMO Voluntary Cooperation Programme – 2010 Financial Contributions

The total Members' contributions to the WMO Voluntary Co-operation Programme in 2010 are shown in **Table 5** in terms of VCP(ES) and VCP(F) and reported bi-lateral support.

In 2010, six Members made cash contributions to the VCP Fund (VCP(F)), amounting to approximately USD **212,754** while USD **1,673,123** and equivalent support was provided to VCP Coordinated Projects through WMO and some USD **16,667,941** equivalent through bi-lateral arrangements for a total investment of USD **18,553,818**.

Regarding reported bi-lateral figures are of course very indicative (and as at March 25th 2001). There are some difficulties with representing "Reported" figures and it is likely that not all IPM members have reported similar activities under this section.

Table 5 - Total VCP Contributions in 2010 (USD)					
Member	VCP(F)	VCP(ES) Equipment and Services through WMO	Bi-Lateral As Reported		Total
			Equip & Services	Fellowships & Training	
Australia	41,731				41,731
Canada			680,000		680,000
China	10,000	27,000	156,852	559,918	753,770
Finland			2,335,732		2,335,732
France			174,517	1,035,534	1,210,051
Germany			4,259,853	1,017,919	5,277,772
Japan	128,000 ¹	514,300*		250,000	892,300
Maldives	1,000				1,000
Mauritius	1,537				1,537
Myanmar	486				486
Netherlands		133,620			133,620
New Zealand			1,628,989	280,831	1,909,820
Republic of Korea	30,000		1,263,100	406,700	1,699,800
Russia		40,000			40,000
Spain		53,448	76,292	307,000	436,740
Switzerland		53,448			53,448
UK		38,701	999,618	120,792	1,159,111
USA		812,606	408,679	705,615	1,926,900
Total	212,754	1,673,123	11,983,632	4,684,309	18,553,818

2.6.1 Additional Member Support through WMO (refer IPM/ (2011)/Doc. 6)

Several Members provide additional financial support to Technical Cooperation activities:

- Spain continued to finance the activities of the “Program of Cooperation for Ibero American NMHSs” and the activities of “West Africa Cooperation Program”.
- Greece provided funding for a regional project in Sub-Saharan Africa.
- *Japan opened a new trust fund for Global Frameworks in order to facilitate the financial contribution of JMA to a broad range of WMO programmes and projects that support the establishment, implementation and strengthening of all components of the Global Framework for Climate Services, including disaster prevention, agriculture, and water resource management in the world.
- USA also operates an individual Trust Fund that supports a range of Technical Cooperation Activities through WMO technical Departments and direct assistance to countries.

¹ The following transfers were made: 20,000 USD to Emergency Assistance Fund, 30,000 USD to African Ministerial Conference Trust Fund and 12,000 USD to ESCAP/WMO Typhoon Committee Trust Fund

2.7 Trends in Contributions to WMO VCP Programme

The trends in contributions to VCP – F over the past six years indicate a fairly constant support of the VCP – F and of VCP ES through the WMO (Table 6). This is illustrated below in Figure 1.

Overall in any given year, four to five countries account for over 90% of the VCP-Funds contribution as illustrated in Table 6 below. This poses the risk of over reliance on a small number of donors, which may impact on overall delivery objectives for VCP. An increased participation from other countries to diversify the base of the programme is highly desirable.

However, this is compensated to an extent by the very positive move towards support by members for major development programmes and a generally increasing trend in other technical cooperation trust funds.

Figure 1. Contributions to VCP (F&ES) 2005 - 2010

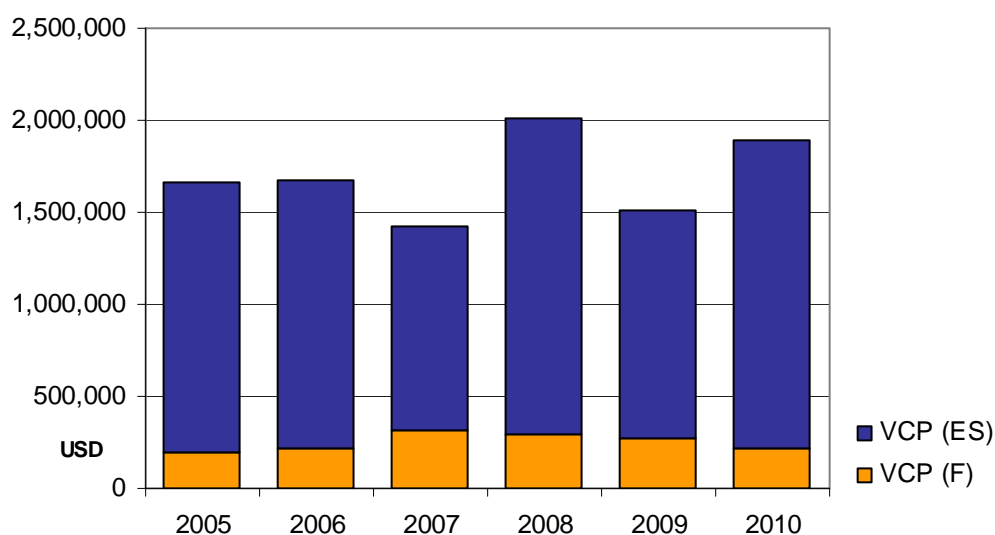


Table 6 - VCP-F and VCP Financing 2006 to 2010

Donor Member	2010			2009			2008			2007			2006		
	VCP(F)	VCP(ES) Equipment & Services through WMO	Total	VCP(F)	VCP(ES) Equipment & Services through WMO	Total	VCP(F)	VCP(ES) Equipment & Services through WMO	Total	VCP(F)	VCP(ES) Equipment & Services through WMO	Total	VCP(F)	VCP(ES) Equipment & Services through WMO	Total
Australia	41,731		41,731	50,000	147,700	197,700	50,000	87,000	137,000	50,000	238,350	288,350	40,000	216,600	256,600
China	10,000	27,000	37,000	10,000		10,000	37,000	47,148	20,000	10,000		10,000	10,000	103,650	113,650
Finland					7,343	7,343									
France					4,479	4,479									
Germany											14,800.00	14,800.00			
Ireland				9,555		9,555	8,760		8,760	7,500		7,500	8,270		8,270
Italy											160,000	160,000			
Japan	128,000	514,300	642,300	91,000	105,000	196,000	106,000	22,000	128,000	178,000	17,000	195,000	144,000	69,500	213,500
Kenya										9,792		9,792			
Kingdom of Saudi Arabia								13,579	13,579						
Maldives	1,000		1,000	10,000		10,000	1,000		1,000	1,000		1,000	1,000		1,000
Mauritius	1,537		1,537	1,460		1,460	2,685		2,685				2,175		2,175
Myanmar	486		486				972		972						
Netherlands		133,620	133,620												
Norway				70,000		70,000	54,852		54,852	50,000		50,000		84,309	84,309
Pakistan							978		978	499		499	499		499
Republic of Korea	30,000		30,000	27,700		27,700	27,500		27,500	10,000	100,000	110,000	10,000		10,000
Russian Federation		40,000	40,000					10,000	10,000					25,000	25,000
Spain		53,448	53,448		243,500	243,500		443,312	443,312		331,000	331,000		335,000	335,000
Switzerland		53,448	53,448		9,734	9,734								352,308	352,308
UK		38,701	38,701		71,000	71,000					19,000	19,000		40,431	40,431
USA		812,606	812,606		654,912	654,912		1,096,180	1,096,180		230,000	230,000		230,000	230,000
Total	212,754	1,673,123	1,885,877	269,715	1,243,668	1,513,383	289,747	1,719,219	1,944,818	317,791	1,110,150	1,426,941	215,944	1,456,798	1,672,742

2.8 Education and Training Fellowship Activities

2.8.1 Training

VCP (F) funds continue to be used to support very short term training activities offered by WMO RTCs and Member countries in areas such as agricultural meteorology, nowcasting, statistics in applied climatology, satellite meteorology, meteorological telecommunication, numerical weather prediction, disaster risk reduction, multi-hazard early warning, and radar meteorology. In 2010, USD 62,928 were used to support 27 participants in 13 training related events by covering travel, accommodation, and tuition of individuals; and by providing partial financial contribution to overall course expenses of two courses (Table 7).

Event Title	Countries Supported	No. of Participants Supported	VCP (F) Used (USD)
International Course on Agricultural Meteorology, Beijing, China, 18 to 29 October 2010	Ethiopia, Kenya, Rwanda	3	4'840
International Course on Enhanced Use of Satellite and Radar Imagery in Thunderstorm Nowcasting, Sibiu, Romania, 30 August to 3 September 2010	Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Germany, Greece, Italy, Latvia, Lithuania, The former Yugoslav Republic of Macedonia, Netherlands, Poland, Republic of Moldova, Romania, Serbia, Spain, Switzerland, Turkey	Partial financial contribution to overall course expenses	10'361
On-line Course on Statistics in Applied Climatology, January to May 2010	Nepal	1	1'223
Advanced Training workshop on the application of Met. information to renewable energy and green building, RTC Bet Dagan, Israel, 15-29 November 2010	Russian Federation	1	948
Training course on Meteorological Telecommunication and METCAP Software, Alanya, Turkey, 22-30 September 2010	Czech Republic (Lecturer), Democratic Republic of Congo,	2	2'488
International Training course on numerical weather prediction, 13-24 September 2010, Nanjing, China	Ethiopia, Kyrgyzstan, Uzbekistan	3	5'571
Satellite Meteorology Course to be held in Beijing, China, 22 June to 2 July 2010	Lao, Uzbekistan	2	1'815
Advanced International Workshop on "Operation of Meteorological and Agrometeorological Station Networks - Conventional and Automatic", Bet Dagan, Israel, 1 - 15 June 2010	Belarus, Kazakhstan, Kyrgyzstan, The former Yugoslav Republic of Macedonia, Uzbekistan, Ukraine, Tajikistan, Armenia, Georgia, Republic of Moldova	Partial financial contribution to overall course expenses	8'000
International Training Course on "Multi-hazard early warning", Nanjing, China, 10-28 May 2010	Tonga	1	2'544
International Training Course on Weather Radars, RTC Turkey, Istanbul, Turkey, 10-14 May 2010	Lao, USA (Lecturer)	2	3'014
EUMETCAL NWP Applications Course, Finland, 27 October to 4 December 2009	Georgia	1	2'434
WMO Symposium on Meteorological Service Delivery and Disaster Risk Reduction and Study Tour, Beijing, Nanjing, Shanghai, 6-15 May 2010	Thailand, Viet Nam, Uzbekistan, Indonesia, Nepal, Malaysia	6	7'308
Eleventh International Pyrheliometer Intercomparison, Davos, Switzerland	Chile, Kenya, Romania	3	12,382
TOTAL		27	62,928

2.8.2 Fellowships

During 2010, WMO worked with partners through the VCP arrangement to fund long-term and short-term fellowships. Tables 8 and 9 show the list of fellows funded through VCP arrangement in 2010. It is particularly noteworthy that Lesotho, a LDC, and Swaziland, a developing country, have provided tangible resources for training their nationals through their VCP arrangements.

The provision of VCP Fund from USA enabled WMO to facilitate the training of 26 experts from 21 countries, which took the form of on-the-job training (OJT) at the National Oceanic and Atmospheric Administration (NOAA). End of the programme reports submitted from the fellows trained at NOAA have shown that many of them have established the network of collaboration with officers and colleagues they worked with. This unique experience has shown that short term training through attachment should be further encouraged for experts from the NMHSs of LDCs and developing countries.

Table 8 shows the number of WMO short term fellows supported by the VCP Fund by beneficiary and the total budget corresponding to each beneficiary in 2010.

Beneficiary	2010	Budget (CHF)	Fund
Antigua and Barbuda	1	5,266	USA VCP
Argentina	2	12,151	USA VCP
Bolivia	1	4,515	USA VCP
Brazil	1	1,505	USA VCP
Djibouti	1	8,726	USA VCP
Ethiopia	1	8,179	USA VCP
Ghana	1	8,021	USA VCP
Guinea	1	6,979	USA VCP
Guinea Bissau	1	8,174	USA VCP
Honduras	1	6,003	USA VCP
Kenya	1	6,120	USA VCP
Lesotho	3	11,347	Lesotho Trust Fund
Lithuania	1	6,593	France VCP
Mali	1	8,939	USA VCP
Mexico	2	12,377	USA VCP
Nigeria	2	11,568	USA VCP
Panama	1	5,991	USA VCP
Peru	1	6,001	USA VCP
Rwanda	1	1,505	USA VCP
Senegal	1	9,079	USA VCP
Swaziland	1	7,845	Swaziland Trust Fund
Tanzania	1	8,473	USA VCP
Trinidad and Tobago	2	11,478	USA VCP
Uruguay	1	7,426	USA VCP
Zambia	1	4,515	USA VCP
Total	31	188,777	

Summary	Fellows	Contribution
USA VCP Trust Fund	26	162,992
Lesotho Trust Fund	3	11,347
Swaziland Trust Fund	1	7,845
France VCP	1	6,593

Table 9 shows the number of WMO long term fellows supported by the Swaziland Trust Fund and VCP Fund in 2010 by beneficiary and the total budget corresponding to each beneficiary in 2010. For reference, Table 10 shows fellows supported by the WMO regular budget, totaling 114 fellows from 54 countries during 2010.

Table 9 - The number of WMO long term fellows supported by VCP (F) and Trust Funds in 2010			
Beneficiary	2010	Budget (CHF)	Fund
Swaziland	11	179,487	Swaziland Trust Fund
Cayman Islands	1	778	VCP(F)

Table 10 - The number of WMO fellows supported by the regular budget in 2010					
COUNTRY	2010	COUNTRY	2010	COUNTRY	2010
Angola	1	Comoros	2	Mozambique	3
Antigua and Barbuda	2	Congo	2	Myanmar	4
Argentina	1	Cote d'Ivoire	3	Namibia	2
Azerbaijan	1	El Salvador	1	Nepal	1
Bahamas	2	Ethiopia	2	Nigeria	1
Bangladesh	1	Fiji	1	Paraguay	1
Benin	1	Gabon	1	Rwanda	2
Bhutan	1	Gambia	2	Sao Tome and Principe	2
Botswana	1	Ghana	1	Senegal	2
Bulgaria	1	Guinea	4	Sierra Leone	1
Burkina Faso	3	Honduras	1	Sri Lanka	2
Burundi	1	Jamaica	1	Sudan	17
Cameroon	1	Kenya	1	Tajikistan	5
Cape Verde	1	Lesotho	4	Tanzania	1
Cayman Islands	1	Liberia	2	Turkey	1
Central African Republic	3	Mali	3	Uganda	3
Chad	2	Mauritania	3	Uzbekistan	1
Colombia	1	Mongolia	2	Zambia	4
Total					114

It should also be noted that considerable number of fellows have been undergoing training in China and in Russia under the aegis of bilateral arrangements between the People's Republic of China and WMO, and also between Russia. Although the resources from these countries are not paid directly into WMO account, the terms of the arrangement allows WMO to train fellows at reduced cost, compared to if such agreements do not exist. Plans are under way to secure similar agreement with Spain and the UK.

It is expected that partners that provided resources through VCP in past years will maintain the same level of support during 2011.

2.9 Enhancement of VCP Coordination

RMO has been able to secure one new associate to support resource mobilization and capacity development activities: Mr Makoto Suwa joined the DRA department in November as a JPO supported by the Japanese Government.

Appendix 1

VCP (F) Activities Supported in 2010

VCP (F) Activities Supported in 2010		USD
1	Expert Missions	52,407
	Expert fact-finding mission to Bhutan	2,725
	Expert mission to Mongolia to assist with developing BUFR code	13,965
	Expert missions to Cambodia for the restoration of the GTS connection and the satellite receiving system with related training	16,470
	Climate data valorization in country training in Mauritania	6762
	Support to the 32 nd session of the RA IV Hurricane Committee, Hamilton, Bermuda	5311
	Support to the 42 nd session of the Typhoon Committee, Singapore	2868
	Support to the RA V Tropical Cyclone Meeting, Denpasar, Bali, 26-29 April 2010	3,671
	Expert services for Guyana and Suriname in telecommunications to link NMSs with the rest of RAIII countries	0
	Other	635
2	Project Development	4,236
	Translation and text-processing from French into English of the Report "Développement des services météorologiques et hydrologiques en Haïti - Propositions d'actions pour le moyen terme"	4,236
3	Fellowships and training activities	67,161
	International Course on Agricultural Meteorology, Beijing, China, 18 to 29 October 2010	4,840
	International Course on Enhanced Use of Satellite and Radar Imagery in Thunderstorm Nowcasting, Sibiu, Romania, 30 August to 3 September 2010	10,361
	On-line Course on Statistics in Applied Climatology, January to May 2010	1,223
	Advanced Training workshop on the application of Met. information to renewable energy and green building, RTC Bet Dagan, Israel, 15-29 November 2010	948
	Training course on Meteorological Telecommunication and METCAP Software, Alanya, Turkey, 22-30 September 2010	2,488
	International Training course on numerical weather prediction, 13-24 September 2010, Nanjing, China	5,571
	Satellite Meteorology Course in Beijing, China, 22 June to 2 July 2010	1,815
	Advanced International Workshop on "Operation of Meteorological and Agrometeorological Station Networks - Conventional and Automatic", Bet Dagan, Israel, 1 - 15 June 2010	8,000
	International Training Course on "Multi-hazard early warning", Nanjing, China, 10-28 May 2010	2,544
	International Training Course on Weather Radars, RTC Turkey, Istanbul, Turkey, 10-14 May 2010	3,014
	EUMETCAL NWP Applications Course, Finland, 27 October to 4 December 2009	2,434
	WMO Symposium on Meteorological Service Delivery and Disaster Risk Reduction and Study Tour, Beijing, Nanjing, Shanghai, 6-15 May 2010	7,308
	Eleventh International Pyrheliometer Intercomparison, Davos, Switzerland, 27 Sep – 15 Oct 2010	12,382
	Fellowship related international travel (A. Porter, Cayman Islands and L. Seqhobane, Lesotho)	3,154
	Contribution to the Lesotho Trust Fund	1,079

4	VCP Spares/shipping of equipment	282,996
	Automatic Weather Stations: Complimenting Emergency assistance to Haiti, Seychelles, Bangladesh and Yemen	218,741
	Upgrade of Cook Islands basic synoptic network (with additional funding from UK)	26,893
	Purchase of Electricity Generator for NMS of Zambia	35,904
	Handling fees related to shipping and procurement	1,458
5	Internet connection services	11,815
	Afghanistan	6,644
	Guinea Bissau	5,171
6	Support to CDMS and climatological activities	62,774
	CLIDATA software: Software Installation and training to the Cyprus NMS	36,012
	Support to the Climate Data Rescue and Digitization in Africa and other regions	20,000
	Purchase of two computers and one server for NMS of Mauritania for climate applications	6,762
7	TV promotion and distribution	25,276
	TV weather presentation for the Comoros Meteorological Service (with additional funds from UK)	25,276
8	VCP Management (Website Update, Brochure, Communication-Visibility Actions)	29,006
	VCP brochures, Posters, Website	19,803
	Short-term temporary staff cost contribution (replacing VCP Overhead cost)	9,203
	TOTAL	535,671

Appendix 2

VCP requests received in 2010			
COUNTRY	INDICATOR	PROJECT TITLE	REQUESTED ITEMS
AFGHANISTAN, ISLAMIC STATE OF	TE/5/3/3	Internet connection services for Afghanistan Met Authority	Internet connection
ANGOLA	OB/2/2/1	Rehabilitation of eight GSN stations	Supply and installation of equipment for the stations of the GNS, capacity building
ANGOLA	OB/1/2/7	Rehabilitation of the 3 upper-air stations of Angola	Supply and installation of upper-air radio sonding system, capacity building
ARMENIA	OB/1/2/7	Provision of GPS radiosondes and balloons	400 sets of Vaisala GPS radiosondes (RS92), 450 pieces 350g balloons for the conducting continuous upper-air observations on the Yerevan (37789) upper-air station
ARMENIA	OB/2/2/5	Provision of hydrometeorological thermometers	Mercury thermometers for measuring maximum air temperature (TM-1) 30 pcs, Thermometers (alcohol) for measuring minimum air temperature (TM-2) 60 pcs, Mercury thermometers for measurement of soil temperature at depth and to measure the surface temperature of water in reservoirs (the Russian equivalent of the TM-10) 30 pcs, mercury thermometers for meteorological measurements of water temperature in water reservoirs (the Russian equivalent of the TM-4) 40 pcs
BAHAMAS	OB/2/4/1	Provision of three sea level observation stations for use in satellite products and ocean models validation	3 dataloggers; 3 transmitters; data receiver, receiver antenna and transmitter antennas; sea level sensors; manual, documents and software; additional (cables, supports, connectors, etc.)
CAMBODIA	TE/EX/1	Expert mission for the restoration of the GTS connection and the satellite receiving system	Expert services with related training
COOK ISLANDS	OB/11/3/1	Upgrade of Cook Islands basic synoptic network	5 tailor-made personal computers travel to 3 islands for upgrading the systems
DOMINICA	OB/2/3/2	An audiovisual media center	An audiovisual media center for the dissemination of meteorological information to users and the general public
ECUADOR	OB/1/2/9	Radio sondes and balloons for Galapagos	Sondes and balloons
EL SALVADOR	OB/9/1/1	Training and programming software for Automatic Station Vaisala QML201	Training (in El Salvador or somewhere else) on how to operate Vaisala QML201 Automatic Weather Station
GUINEA BISSAU	TE/5/3/2	Provision of Internet connection	Installation and 1-year subscription fee
GUYANA	TE/EX/1	Expert services in telecommunications to link NMS with the rest of RA III countries	Advice of an expert from the RTC (Brasilia) to help on the use of the new RA III telecommunication network
KYRGYZSTAN	OB/3/4/1	Converter of receiving platform for the Alisa-CK platform complex	Converter
MAURITANIA	WCP/2/2/1	Workstation to support Climate Data Modelling	Computer equipment
MAURITANIA	WCP/2/2/2	Climate Data Valorization in country training	Training/seminar in Noukachott, Mauritania 6-9 December 2010
NIUE	PWS/1/EX	Development of Niue Meteorological Policy and Act/Legislation	Financial assistance to allow Niue to work with SPREP to develop meteorological polica and act. The funds will be used to work with SPREP and to hire a consultant.

REPUBLIC OF MOLDOVA	HY/4/1	Hydrologist automatic workstation	Automatic workstations soft wares, developed by Russian Federation, for hydrologist forecaster and synoptic meteorologist.
SURINAME	TE/EX/1	Expert services in telecommunications to link NMS with the rest of RA III countries	Advice of an expert from the RTC (Brasilia) to help on the use of the new RA III telecommunication network
SURINAME	OB/4/2/1	Repair/upgrade of an existing Weather Radar	Visit of an Radar system expert for the evaluation of the present status, depending on the outcome of the diagnosis, the VCP support should include purchase of parts
UNITED REPUBLIC OF TANZANIA	WCP/2/2/1	Migration to table driven code forms demonstration project for South and East Africa	Five computers, an expert from ECMWF, organization costs and expert allowance to local resource people
UNITED REPUBLIC OF TANZANIA	WCP/2/1/5	Migrating from CLICOM to CLIDATA	Acquisition of the latest CLIDATA software edition, training and installation of the target server and the workstations, assistance with the data transfer and setup
URUGUAY	OB/2/2/1	Meteorological observation instruments for the synoptic station of the World Climate Observation System	4 mercurial barometers, 4 anemometers, 4 maximal thermometers, 4 thermohygrographs, 4 barographs and pluviometers, 4 evaporation tanks.
UZBEKISTAN	WCP/2/2/2	Provision of a system for the receiving, processing and dissemination of hydrometeorological information in table-driven code forms	System for the receiving, processing and dissemination of hydrometeorological information in table-driven code forms + 2 weeks of training
VANUATU	PWS/1/EX	Financial and technical assistance to update Vanuatu Meteorological Act	Consultant, Travel cost, Workshop cost
ZAMBIA	TE/4/2/1	Automatic Message Switching System (AMSS) for use as Global Telecommunications System (GTS)	Dual Automatic Message Switching System (AMSS)
ZIMBABWE	OB/1/2/5	Supply of 400 radiosondes and upgrade of the upper-air sounding station	400 radiosondes, station upgrade or supply of a new station