

**KEY PERFORMANCE INDICATORS** (as of 2 April 2013)

Key Outcome	Key Performance Indicator	Disaggregation	Baseline year	Baseline value*	2013 Actual	2013 Target	2015 Actual	2015 Target	
Expected Result 1: Enhanced capabilities of Members to deliver and improve access to high-quality weather, climate, water and related environmental predictions, information, warnings and services in response to users' needs, and to enable their use in decision-making by relevant societal sectors									
1.1	Improved access to seamless weather, climate, water, and related environmental products and services (e.g. warnings, forecasts and supporting information)	1.1.1	Number of Members demonstrating quantitative measurements of the socio-economic benefits of their products and services	General public	2012	57			
				Emergency management		56			
Aviation industry					46				
Marine industry					38				
Agriculture					51				
Other					33				
		1.1.2	Percentage of NMHSs with regular access to products provided by global and regional centres	Rating of "mostly reliable" and "highly reliable" access	2012	83%	85%	90%	
1.2	Delivery of weather, climate, water and related environmental products and services to users' communities is improved	1.2.1	Number of NMHSs expressing user satisfaction with the:	(a) availability	2013	TBD**	N/A	TBD**	
				(b) reliability and		TBD**	N/A	TBD**	
				(c) range of products that		TBD**	N/A	TBD**	
				(d) are received in time		TBD**	N/A	TBD**	
				(e) are an essential contribution to decision making		TBD**	N/A	TBD**	
Expected Result 2: Enhanced capabilities of Members to reduce risks and potential impacts of hazards caused by weather, climate, water and related environmental elements									
2.1	Multi-hazard early warning systems are implemented	2.1.1	Number of NMHSs contributing to the implementation of multi-hazard early warning systems		2012	70			
2.2	National integrated flood management plans are developed	2.2.1	Number of Members establishing flood management plans		2012	85	85	86	
		2.2.2	Number of NMHSs participating in regional hydrological forecasting systems for transboundary river basins		2012	44	44	44	
2.3	Drought early warning systems are improved	2.3.1	NMHSs and Regional Centres that issue drought early warnings		2012	20	22	25	
Expected Result 3: Enhanced capabilities of Members to produce better weather, climate, water and related environmental information, predictions and warnings to support in particular disaster risk reduction and climate impact and adaptation strategies									
3.1	Improved climate monitoring, long range forecasts and long-term projections	3.1.1	Number of Members issuing:	(a) monthly predictions	2012	73	75	80	
				(b) seasonal predictions		79	82	85	
				(c) climate watch bulletins		51	56	60	
				(d) long-term projections		42	45	50	

\*The baseline data are based on the results of the Survey on Impacts of Achieved Results on Members and other information available at the Secretariat

\*\*TBD = to be determined (based on 2013 survey to Members)

Key Outcome		Key Performance Indicator		Disaggregation	Baseline year	Baseline value*	2013 Actual	2013 Target	2015 Actual	2015 Target
		3.1.2	Perceived quality (rating 3 and above) of the issued:	(a) monthly predictions	2013	TBD**		N/A		TBD**
				(b) seasonal predictions		TBD**		N/A		TBD**
				(c) climate watch bulletins		TBD**		N/A		TBD**
				(d) long-term projections		TBD**		N/A		TBD**
		3.1.3	Perceived timeliness (rating 3 and above) of the issued:	(a) monthly predictions	2013	TBD**		N/A		TBD**
				(b) seasonal predictions		TBD**		N/A		TBD**
				(c) climate watch bulletins		TBD**		N/A		TBD**
				(d) long-term projections		TBD**		N/A		TBD**
3.2	Climate information and prediction products for climate adaptation and risk management are improved	3.2.1	Perceived quality of the products of WMO Regional Climate Centres used at the national level		2013	TBD**		N/A		TBD**
		3.2.2	Number of Members operationally developing and disseminating climate products and information for national needs		2013	TBD**		N/A		TBD**
		3.2.3	Perceived quality of the national climate information and products available in Member countries		2013	TBD**		N/A		TBD**
		3.2.4	Number of Members providing targeted/tailored climate information, products and services, through formal mechanisms including National Climate Outlook Forums, to support user requirements in their countries for adaptation and climate risk management in key socio-economic sectors		2013	TBD**		N/A		TBD**
3.3	Hydrological information and products, including water resources, are improved	3.3.1	Number of Members using a Quality Management Framework for Hydrology based on current guidance materials		2012	25		25		27
		3.3.2	Number of regional hydrological databases developed in transboundary river basins		2012	22		22		24
3.4	Drought information and prediction for risk	3.4.1	NMHSs and Regional Centres issuing drought information and prediction		2012	20		22		25

\*The baseline data are based on the results of the Survey on Impacts of Achieved Results on Members and other information available at the Secretariat

\*\*TBD = to be determined (based on 2013 survey to Members)

Key Outcome	Key Performance Indicator	Disaggregation	Baseline year	Baseline value*	2013 Actual	2013 Target	2015 Actual	2015 Target			
Expected Result 4: Enhanced capabilities of Members to access, develop, implement and use integrated and interoperable Earth- and space-based observation systems for weather, climate and hydrological observations, as well as related environmental and space weather observations, based on world standards set by WMO											
4.1	WMO Integrated Global Observing System implementation phase is completed	4.1.1	Percentage of progress in achieving the key implementation tasks, milestones and deliverables specified by the WIGOS Implementation Plan (WIP)	2012	0		20%	100%			
		4.1.2	Increased availability of observations for users	Ratio of the [number of SYNOP reports (FM 12-XIV), TEMP reports (FM 35-XI Ext.), CLIMAT reports (FM 71-XII) and their binary successors (FM 94 BUFR) as measured in the annual WWW IM] and [average of 2007-11 FP]	2012	Synop: 108%	Synop: 111%	Synop: 117%			
						Upper Air: 100%	Upper Air: 101%	Upper Air: 106%			
						Climate: 105%	Climate: 107%	Climate: 114%			
						Ratio of the [ number of AMDAR reports (FM 42-XI Ext.) and its binary successors (FM 94 BUFR) as measured in the annual WWW IM] and [average of 2007-11 FP]	2012	129%	136%	164%	
						Number of operational drifters reporting on GTS according to JCOMMOPS	2012	1296	1166	1250	1250
						Ratio of the [Number of operational geostationary satellites and imaging channels on 1 June] and [number for 1 June 2011]	2012	GEO sat: 100%	GEO sat: 100%	GEO sat: 100%	
		Imaging channels: 100%	Imaging channels: 100%	Imaging channels: 114%							
Ratio of the [Number of operational polar-orbiting satellite sounders (Microwave or IR) on 1 June] and [number for 1 June 2011]	2012	MW: 100%	MW: 120%	MW: 140%							
		IR hypers: 100%	IR hypers: 200%	IR hypers: 300%							

\*The baseline data are based on the results of the Survey on Impacts of Achieved Results on Members and other information available at the Secretariat

\*\*TBD = to be determined (based on 2013 survey to Members)

Key Outcome		Key Performance Indicator		Disaggregation	Baseline year	Baseline value*	2013 Actual	2013 Target	2015 Actual	2015 Target
				Ratio of the [Number of satellite instruments routinely inter-calibrated to references (GSICS) on 1 June] and [number for 1 June 2011]	2012	0		4%		7%
				Ratio of the [Number of satellite observations and sources available for global NWP as measured by the lead centre for satellite data] and [the Number for 2011]	2012	111%		113%		119%
4.2	WMO Information System is developed and implemented	4.2.1	Progress in the implementation of WIS by NMHSs as measured by	(a) percentage of registered WIS centres that have been endorsed as WIS compliant	2012	44%		55%		98%
				(b) Number of NMHSs with improved observational data and products as a result of implementation of WIS functions	2012	30		35		70
		4.2.2	Number of NMHSs whose data processing and management capabilities have enhanced as a result of implementation of WIS functions		2012	32		40		80
4.3	Progress in implementing the Global Climate Observing System	4.3.1	Percentage of progress in achieving the tasks of the GCOS implementation plan	(a) atmospheric domain	2012	63%		70%		N/A
				(b) oceanic domain		44%		50%		N/A
				(c) terrestrial domain		49%		55%		N/A
				(d) cross-cutting actions		29%		35%		N/A
4.4	Data rescue and data management systems improved	4.4.1	Number of NMHSs undertaking data rescue or being involved in regional collaborative data rescue initiatives such as MEDARE		2012	34		50		75
		4.4.2	Number of Members implementing modern climate data management systems and/or climate monitoring systems		2012	70		75		80

\*The baseline data are based on the results of the Survey on Impacts of Achieved Results on Members and other information available at the Secretariat

\*\*TBD = to be determined (based on 2013 survey to Members)

Key Outcome	Key Performance Indicator	Disaggregation	Baseline year	Baseline value*	2013 Actual	2013 Target	2015 Actual	2015 Target
-------------	---------------------------	----------------	---------------	-----------------	-------------	-------------	-------------	-------------

Expected Result 5: Enhanced capabilities of Members to contribute to and raw benefits from the global research capacity for weather, climate, water and the related environmental science and technology development

5.1	Research in climate prediction/projection to improve the skills of seasonal, decadal and longer timescales is enhanced	5.1.1	Number of new activities advancing climate research capacity at the global and regional level, especially for early career scientists and scientists from developing and LDC countries		2012	3	4	5
		5.1.2	Number of early career scientists and scientists from developing and least developed countries that WCRP funded to participate in activities to advance climate research	Early career scientists	2012	71	75	80
				Scientists from developing and LDC countries		85	100	110
5.1.3	Degree of satisfaction among NMHSs with the skill of climate predictions	Number of NMHSs that have given a rating of 3-5	2012	64	66	68		
5.2	Research in the prediction of high-impact weather on time scales of hours to seasons is enhanced	5.2.1	Number of total research projects (new, ongoing and completed) on operational products and services	New	2012	2	3	3
				Ongoing	1	3	3	
				Completed	N/A	N/A	2	
		5.2.2	Number of Members whose operational products and services have improved as a result of WMO research projects		2013	TBD**	N/A	TBD**
5.2.3	Number of NMHSs in developing and least developed countries participating in regional and international research initiatives on high impact weather or severe weather forecasting demonstration projects		2012	24	28	30		
5.3	Atmospheric chemistry observations and assessment meet needs of environmental conventions and policy assessments	5.3.1	Degree of Member satisfaction (rating 3 and above) with the:	(a) usefulness of Global Atmospheric Chemistry Bulletins	2013	TBD**	N/A	TBD**
				(b) timeliness of Global Atmospheric Chemistry Bulletins	2013	TBD**	N/A	TBD**
		5.3.2	Degree of Member satisfaction (rating 3 and above) with the usefulness of (in %):	(a) GAW measurement guidelines and reports	2012	92%	92%	94%

\*The baseline data are based on the results of the Survey on Impacts of Achieved Results on Members and other information available at the Secretariat

\*\*TBD = to be determined (based on 2013 survey to Members)

Key Outcome		Key Performance Indicator		Disaggregation	Baseline year	Baseline value*	2013 Actual	2013 Target	2015 Actual	2015 Target
				(b) Sand-and-Dust storm forecasting	2012	81%		85%		87%
				(c) the chemical weather activities of GURME	2012	98%		98%		99%
5.4	Seamless forecasts of weather, climate, water and the environment from days to seasons are developed in support of the GFCS	5.4.1	Number of NMHSs participating in the integration of observations, research, modeling and analysis results to improve sub-seasonal to seasonal weather/climate projections and predictions		2013	TBD**		N/A		TBD**
ER 6: Enhanced capabilities of NMHSs, in particular in developing and least developed countries, to fulfil their mandates										
6.1	Visibility and relevance of NMHSs in national and regional development agendas is improved, particularly in developing and least developed countries	6.1.1	Number of NMHSs with:	(a) increased contribution to national policy setting	2013	TBD**		N/A		TBD**
				(b) improved awareness by users on types of services NMHSs can deliver		TBD**		N/A		TBD**
				(c) improved user accessibility to forecasts and		TBD**		N/A		TBD**
				(d) improved timeliness of forecasts and warnings		TBD**		N/A		TBD**
				(e) increased accuracy of forecasts and warnings		TBD**		N/A		TBD**
		6.1.2	Number of NMHSs with:	(a) increased contribution to regional policy setting	2013	TBD**		N/A		TBD**
				(b) improved awareness by regional users on types of services that can be provided		TBD**		N/A		TBD**
				(c) improved regional user accessibility to forecasts and warnings		TBD**		N/A		TBD**
				(d) improved timeliness of forecasts and warnings delivered from the Regional Centre		TBD**		N/A		TBD**

\*The baseline data are based on the results of the Survey on Impacts of Achieved Results on Members and other information available at the Secretariat

\*\*TBD = to be determined (based on 2013 survey to Members)

Key Outcome		Key Performance Indicator		Disaggregation	Baseline year	Baseline value*	2013 Actual	2013 Target	2015 Actual	2015 Target	
				(e) increased accuracy of forecasts and warnings delivered from the Regional Centre		TBD**		N/A		TBD**	
6.2	Infrastructure and operational facilities of NMHSs and Regional Centres are improved, particularly in developing and least developed countries	6.2.1	Number of NMHSs with improved infrastructure and operational facilities in:	Surface observing network	2012	82					
				Upper-air observing network		40					
				Equipment for meteorological / environmental satellite data		71					
				Data-processing / forecasting sector		81					
				Other operational sectors		24					
6.3	Education and training development facilities at national and regional levels are improved, especially in developing and least developed countries	6.3.1	Number of RTCs providing education and training support for GFCS related activities		2012						
		6.3.2	Degree to which Members are getting value for money from the WMO Fellowship Programme	Number of NMHSs that have given a rating of 3-5	2012	42					
		6.3.3	Degree of Member satisfaction with the Regional Training Centres (RTCs) in use	Number of NMHSs that have given a rating of 3-5	2012	81					
6.4	Capacities of NMHSs are enhanced through cooperation and partnerships with other national and regional organizations	6.4.1	Development projects and activities funded through voluntary and extra-budgetary resources		2012						
Expected Result 7: New and strengthened partnerships and cooperation activities to improve NMHSs' performance in delivering services and to increase the value of the contributions of WMO within the United Nations system, relevant international conventions and national strategic issues											
7.1	WMO leadership and contribution in relevant UN system and other international partners' initiatives and programmes is improved	7.1.1	Number of reports of WMO and its co-sponsored programmes submitted to UN and other international conventions, particularly the UNFCCC, UNCCD and UNCBD	FCCC	2012	6		6		7	
				CCD		1		1		1	
				CBD		1		1		1	
		7.1.2	Number of contracts/cooperation agreements within which WMO is engaged with partners	Agreements	2012	48		48			
				Working arrangements		48					
				Consultative status		20					

\*The baseline data are based on the results of the Survey on Impacts of Achieved Results on Members and other information available at the Secretariat

\*\*TBD = to be determined (based on 2013 survey to Members)

Key Outcome		Key Performance Indicator		Disaggregation	Baseline year	Baseline value*	2013 Actual	2013 Target	2015 Actual	2015 Target
				Memorandum of Understanding		76				
		7.1.3	Number of NMHSs implementing projects with the UN and other international and/or regional		2012	69				
7.2	Public, decision-makers and other stakeholders are increasingly aware of key WMO and NMHSs issues, activities and priorities through enhanced communication	7.2.1	Uptake of WMO public information outputs as measured by:	(a) number of unique visitors on the WMO website	2012	1 027 000		1 078 000		1 188 000
				(b) number of times WMO was mentioned in press		25 260		26 520		27 900
				(c) number of Facebook fans		8 000		10 000		12 000
				(d) number of Twitter followers		4 690		6 000		7 000
		7.2.2	Degree to which NMHSs make use of WMO public information outputs		2013	TBD**		N/A		TBD**
7.2.3	Number of NMHSs that have provided training to senior managers and/or communication officers in media relations, social media or other aspects of communication		2013	TBD**		N/A		TBD**		
Expected Result 8: An effective and efficient Organization										
8.1	Effective and efficient WMO Congress and EC	8.1.1	Degree of Member satisfaction with documentation for Cg, EC and its working groups	(a) technical content	2012 (EC-64)	62%		70%		80%
				(b) language quality		92%		95%		98%
				(c) timeliness		2013	TBD**		N/A	
		8.1.2	Degree of Member satisfaction with supporting services for Cg and EC (interpretation, conference activities and facilities)	(a) interpretation	2012 (EC-64)	77%		80%		85%
				(b) paperless sessions		85%		90%		95%
				(c) efficiency of badge delivery		92%		95%		98%
8.1.3	Decrease in the total cost of sessions held under similar conditions (in CHF)		2012 (EC-64)	604 129		decrease of 1%		decrease of 2%		
8.2	An effective and efficient Organization	8.2.1	Percentage of implemented accepted oversight recommendations for improved business effectiveness on the agreed deadline	(a) IOO	2012	75		80		80
				(b) JIU		2012	83		85	

\*The baseline data are based on the results of the Survey on Impacts of Achieved Results on Members and other information available at the Secretariat

\*\*TBD = to be determined (based on 2013 survey to Members)



Key Outcome		Key Performance Indicator		Disaggregation	Baseline year	Baseline value*	2013 Actual	2013 Target	2015 Actual	2015 Target
		8.2.2	Unqualified opinion of the external auditor in the financial period		2012	1		2		4
		8.2.3	Increase in the efficiency of fulfilling requirements for linguistic and publishing services	(a) direct cost (in CHF) per 1 000 words translated per language (temporary and outsourced translation - A,C,F,R,S) for EC sessions	2012 (EC-64)	203		decrease of 1%		decrease of 2%
				(b) number of publications/CB reports distributed online exclusively	2008-2011	60		increase of 1%		increase of 2%
		8.2.4	Issuance of statements of internal control in the financial period		2012	1		2		4
8.3	Effective and efficient constituent bodies (RAs and TCs)	8.3.1	Degree of Member satisfaction with constituent body documentation	(a) technical content	2012	57%		60%		65%
				(b) language quality		86%		89%		92%
				(c) timeliness	2013	TBD*		N/A		TBD*
		8.3.2	Degree of Member satisfaction with constituent body supporting services	(a) interpretation	2012	74%		78%		82%
				(b) paperless sessions		92%		95%		98%
				(c) efficiency of badge delivery		91%		95%		98%
		8.3.3	Decrease in the total cost of constituent body sessions held under similar conditions (in CHF)		2012 (Chy-14)	158 209		decrease of 1%		decrease of 2%

\*The baseline data are based on the results of the Survey on Impacts of Achieved Results on Members and other information available at the Secretariat

\*\*TBD = to be determined (based on 2013 survey to Members)