

Philippine Institute of Volcanology and Seismology

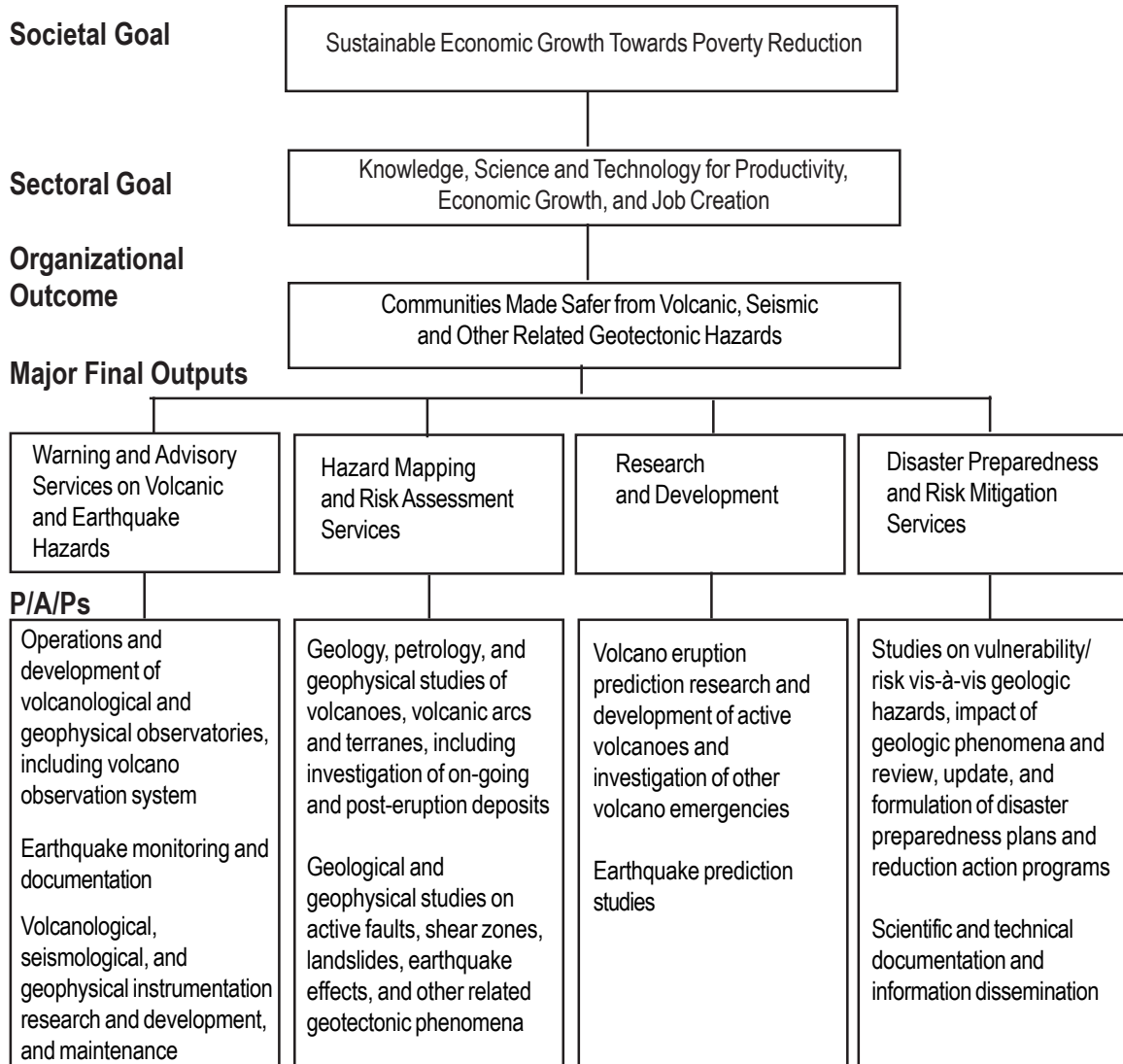
Legal Basis

- **Republic Act No. 766** (1952) created the Commission on Volcanology (COMVOL).
- **Executive Order No. 784** (March 17, 1982) reorganized the National Science Development Board (NSDB) into the National Science and Technology Authority (NSTA), restructuring and renaming the COMVOL to Philippine Institute of Volcanology (PHIVOLC).
- **Executive Order No. 984** (September 17, 1984) transferred the responsibility for Seismology, or the science that deals with earthquakes, which used to be a concern of PAGASA to PHIVOLC, thus renaming the agency to Philippine Institute of Volcanology and Seismology or PHIVOLCS.
- **Executive Order No. 128** (January 30, 1987) reorganized the National Science and Technology Authority (NSTA), structurally and functionally transforming it into the Department of Science and Technology (DOST), with PHIVOLCS as one of the Department's attached agencies.

Mandates

The Philippine Institute of Volcanology and Seismology (PHIVOLCS) is responsible for forecasting volcanic eruptions and earthquakes; and determining how they occur and what areas are likely to be affected. It mitigates hazards of volcanic activities through appropriate detection, forecast, and warning system, and formulates appropriate disaster-preparedness, and mitigation plans.

LOGICAL FRAMEWORK (PHIVOLCS)



PERFORMANCE MEASURES AND TARGETS
(Amounts in Thousand Pesos)

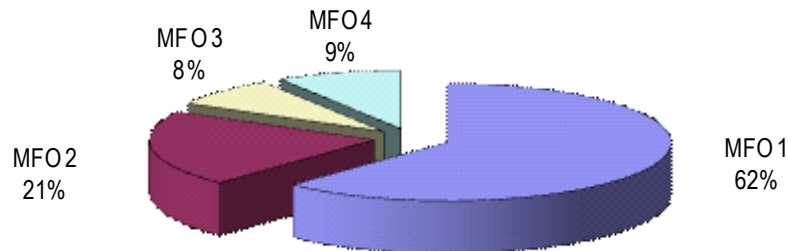
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Warning and advisory services on volcanic and earthquake hazards	71,922	128,864	132,835	135,978
Number of volcano updates/bulletins/advisories promptly issued	Demand-driven	803	Demand-driven	Demand-driven
Number of earthquake bulletins/advisories promptly issued	Demand-driven	470	Demand-driven	Demand-driven
Number of tsunami bulletins/advisories promptly issued	Demand-driven	38	Demand-driven	Demand-driven
Number of geological & geophysical events investigated	Demand-driven	4	Demand-driven	Demand-driven
MFO 2				
Hazard mapping and risk assessment services	13,818	20,723	29,109	46,760
Number of hazard maps generated/updated	10	2	20	5
Number of hazard and risk assessment issued	Demand-driven	255	Demand-driven	Demand-driven
Number of clients served				
Scientific data requests	Demand-driven	128	Demand-driven	Demand-driven
Map requests	Demand-driven	138	Demand-driven	Demand-driven
MFO 3				
Research and development*	12,153	15,682	21,433	18,469
Number of projects implemented	13	13	13	13
Number of technical papers prepared vis-à-vis number of papers published in ISI-listed journals	5/1	5/2	5/1	5/1
Number of R&D collaborative projects with international scientific organizations**	8	9	7	7
MFO 4				
Disaster preparedness and risk mitigation services	13,922	17,481	22,290	18,832
Number of clients served by type of service				
Disaster preparedness lectures conducted	Demand-driven	43,367	Demand-driven	Demand-driven
Volcano/earthquake/tsunami drills organized	Demand-driven	7,200	Demand-driven	Demand-driven
Educational tours hosted/Visits to agency facilities	Demand-driven	33,974	Demand-driven	Demand-driven
Number of new information materials developed	5	15	6	4
Number of new information materials disseminated	Demand-driven	102,667	100,000	100,000
TOTAL	111,815	182,750	205,667	220,039

FY 2012 MFO BUDGET

By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1					
Warning and advisory services on volcanic and earthquake hazards	38,291	51,061	46,626	135,978	62%
MFO 2					
Hazard mapping and risk assessment services	16,225	11,147	19,388	46,760	21%
MFO 3					
Research and development	6,702	8,466	3,301	18,469	8%
MFO 4					
Disaster preparedness and risk mitigation services	10,028	8,434	370	18,832	9%
Total	71,246	79,108	69,685	220,039	100%
% Share	32%	36%	32%	100%	

By MFO
(Total Budget=P220,039,000)



By Expense Class
(Total Budget=P220,039,000)

