



Technical cooperation workshop MHEWS Meteo France

2-5 november 2010

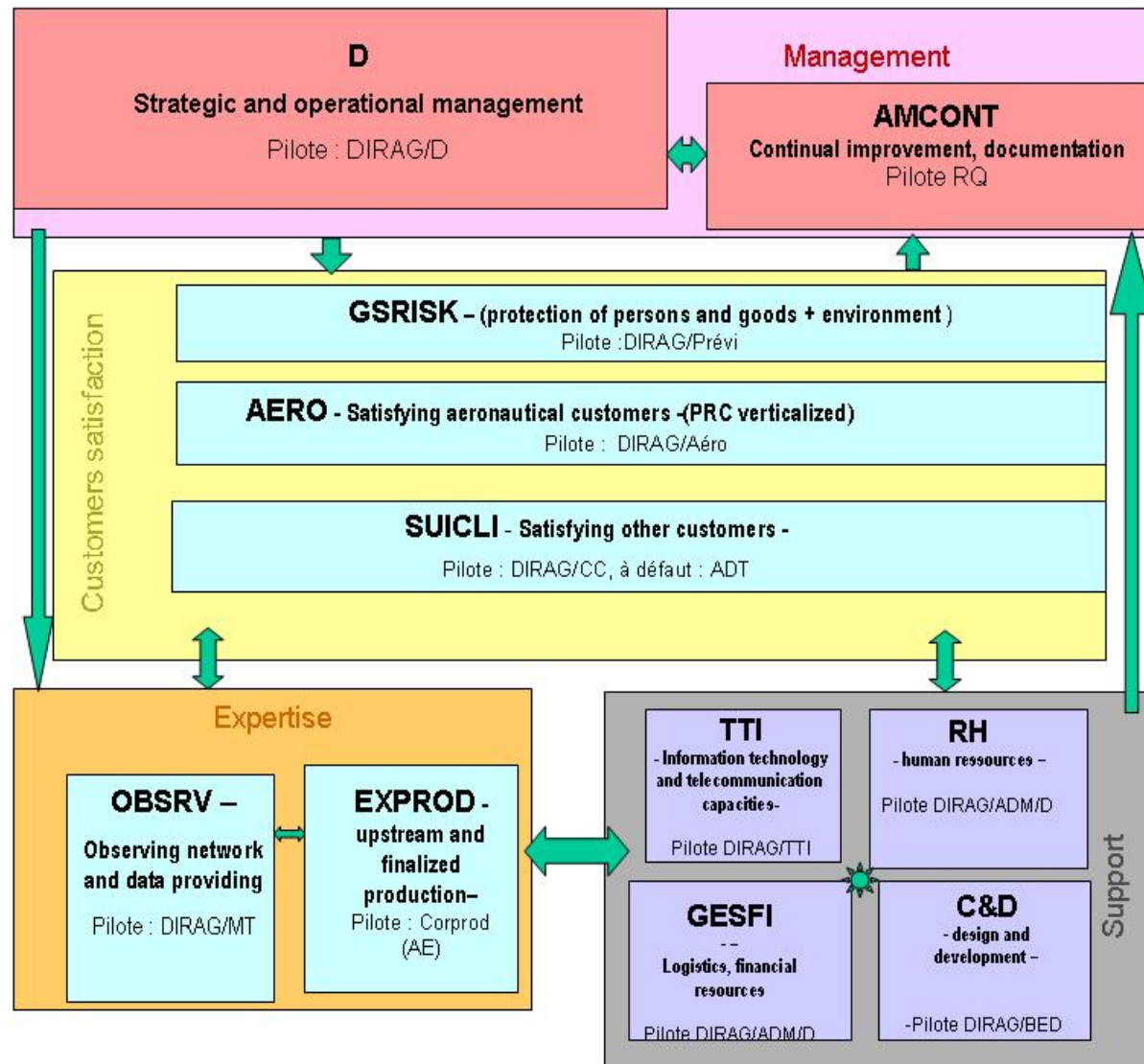


METEO FRANCE
Toujours un temps d'avance

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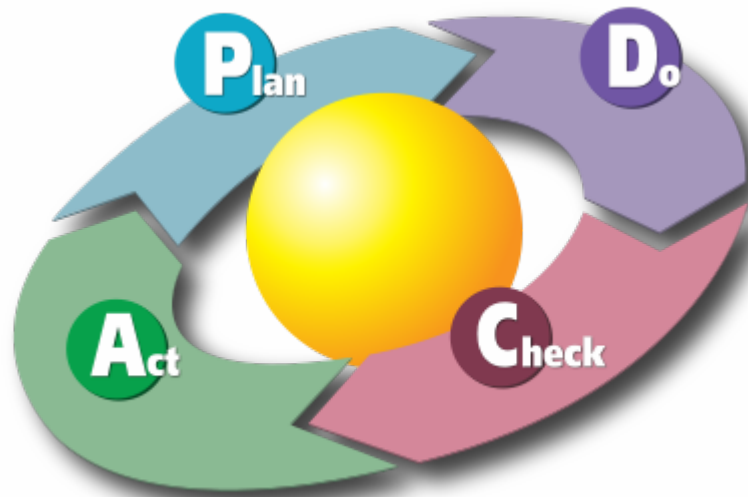
Meteo France regional quality management system



Continual improvement

ISO 9000 : “Continual improvement of the organization's overall performance should be a permanent objective of the organization”

The Deming cycle



Continual improvement

- analysing and evaluating the existing situation to identify areas for improvement;
- establishing the objectives for improvement;
- searching for possible solutions to achieve the objectives;
- evaluating these solutions and making a selection;
- implementing the selected solution;
- measuring, verifying, analysing and evaluating results of the implementation to determine that the objectives have been met;
- formalizing changes

Learning from experience : Forecasts evaluations

Forecasts (2009)

Location	Évaluations number	good	partly good (timing)	partly good (intensity)	over estimation, false alarm	Non détection
Guadeloupe, St Martin, St Barth	30	30,0%	10,0%	33,3%	10,0%	16,7%
Martinique	19	47,4%	15,8%	10,5%	15,8%	10,5%
French Guiana	6	33,3%	0,0%	33,3%	33,3%	0,0%
rates DIRAG	55	36,4%	10,9%	25,5%	14,5%	12,7%

72,7%

Learning from experience : Timing evaluations

Warnings schedules (2009)

well timed	enough for partial anticipation	too early	too late
70,0%	6,7%	0,0%	23,3%
63,2%	10,5%	0,0%	26,3%
66,7%	0,0%	0,0%	33,3%
67,3%	7,3%	0,0%	25,5%

Learning from experience : crisis management evaluation

CRISIS MANAGEMENT

very satisfactory	satisfactory	poorly satisfactory	insufficient
36,7%	30,0%	6,7%	26,7%
42,1%	21,1%	26,3%	10,5%
0,0%	66,7%	33,3%	0,0%
34,5%	30,9%	16,4%	18,2%

Improving the « vigilance regional plan », from 2006 to 2009

Addition (web site) of the NHC watches and warnings on the map
(for the other islands)

CARTE VIGILANCE - Windows Internet Explorer

http://www.meteo.gp/donnees/bulletin/vigilance/carte_vigilance.php

Fichier Edition Affichage Favoris Outils ?

★ Favoris CARTE VIGILANCE

St MARTIN
St Marteen
St BARTH

Barbuda
Antigue
St Kits & Nevis

GUADELOUPE

Dominique

MARTINIQUE

Ste Lucie
St Vincent
Grenadines

Barbade

GUYANE
St L.
Kou.
Cay.
St G.

Carte de vigilance Météorologique
du samedi 30 octobre 2010 à 06:06
(heure locale Antilles)

Tempête Tropicale TOMAS
12.9N- 59.5W

**Type de dangers
pouvant affecter la région Antilles-Guyane**

Attention : le symbole "cyclone" n'indique pas la position de celui-ci, mais le type de danger associé à la couleur.

» Vent violent
» Mer dangereuse
» Fortes précipitations Orages
» Cyclone

NIVEAU DE VIGILANCE :
Cliquer sur le rectangle de couleur pour connaître les mesures à prendre

- PAS DE PREVISION
- PAS DE DANGER SIGNIFICATIF
- SOYEZ ATTENTIF
Danger imprécis ou à effets limités
- SOYEZ TRES PRUDENT
Danger nécessitant une très forte vigilance
Effets modérés ou assez forts
- SOYEZ EXTREMEMENT PRUDENT
Danger nécessitant une extrême vigilance.
Effets importants
- CONFINEZ VOUS
Danger imminent et effets majeurs

Uniquement en cas de

Improving the french regional « vigilance » system, from 2006 to 2009

Modification of the green level watchword : « no significant danger » in place of « no particular danger »

Addition of a « end of danger » bulletin (back to green level)

Bulletin distribution by e-mail, in supplement of fax, to the operational services (very effective in terms of time and directly sent to the right person.)

Operational implementation of SMS distribution to institutional services. (This is provided by prefectures)

Improving the regional « vigilance» system, from 2006 to 2009

Adoption by the prefecture of Guadeloupe of the regional “Vigilance Plan” (allowing the alignment of “Cyclones Specialized Rescue Plans” in the two french islands).

Possibility of adapting the watchwords to the situation

Distribution (via an external provider) of SMS alert for economical actors (subscription).



Fin



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