

“Your legacy should be that you made it better than it was when you go it”.

Lee Iacocca

Casablanca CoE' VLMG-7 report



Casablanca CoE



WMO-CGMS Virtual Laboratory
for Education and Training in Satellite Meteorology



N.Filali

Casablanca COE's focal Point

VLMG-7 / Saint Petersburg /22-25 july 2014

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Plan

The strategic fundamentals

Important Achievements

Main Challenges

Future plan

Plan

- ➔ Strategic fundamentals
- ➔ Important Achievements
- ➔ Main Challenges
- ➔ Future plan



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Vision and positioning

A center of excellence focused on the use of satellite data for new applications development and knowledge transfer while building synergies with its partners including the Niamey CoE.

to systematically improve the use of satellite data for meteorological and hydrological applications over the next 10 years in all Member countries, with a focus on meeting the needs of the developing countries

A STRATEGY FOR EDUCATION AND TRAINING
IN SATELLITE MATTERS,
WMO 1993

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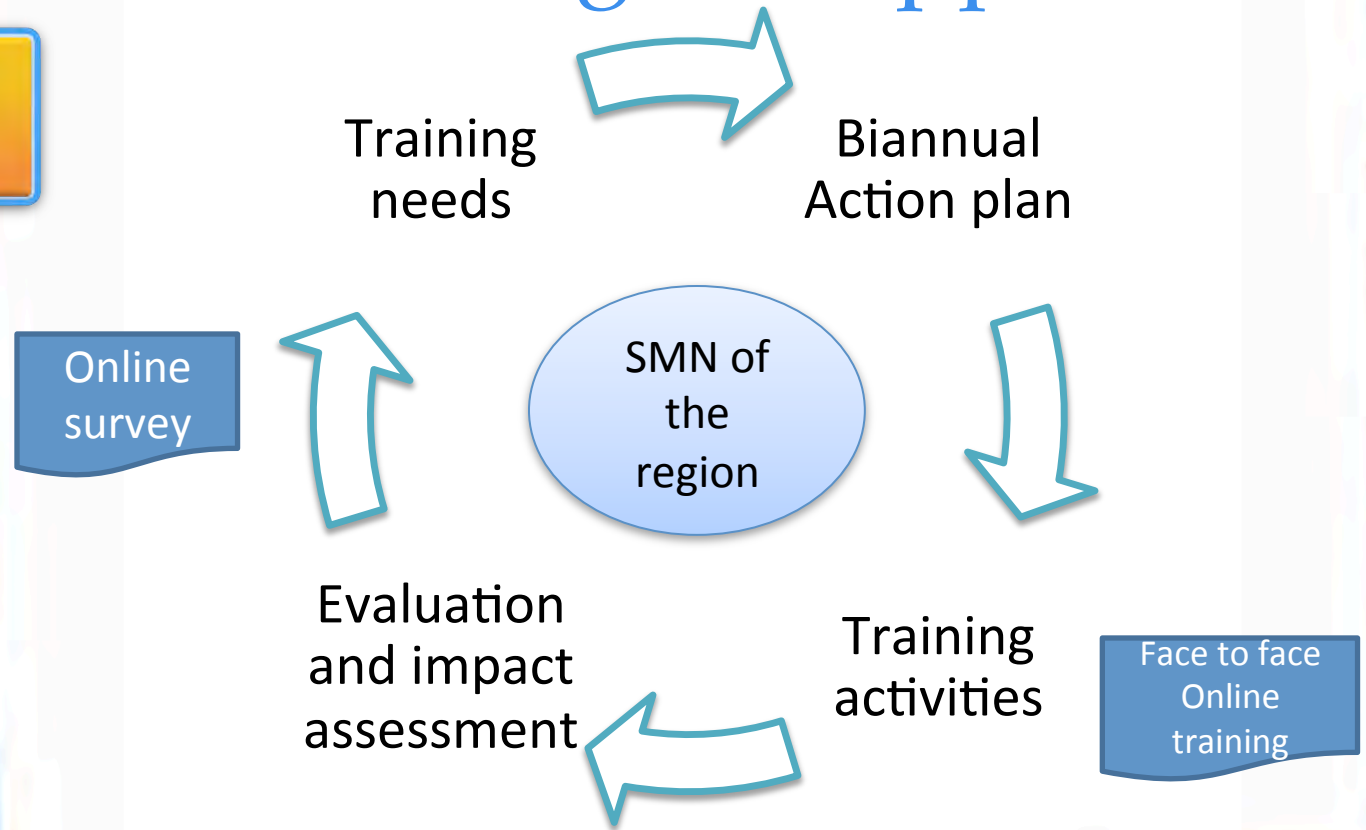
The Objectives

- To identify and to update training needs of the region,
- To achieve training activities that meet the needs priorities of the region,
- To develop and maintain proficiency in providing online training;
- To build synergies with others CoE in particular Niamey Center.

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Methodological Approach



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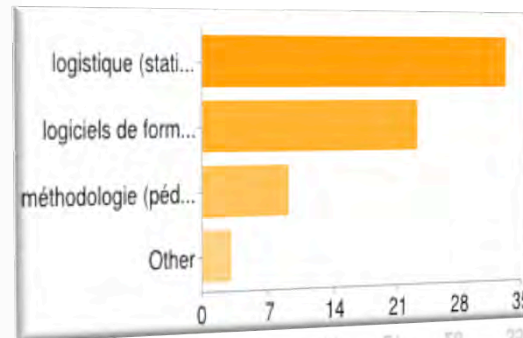
Strategy

2013' s online survey

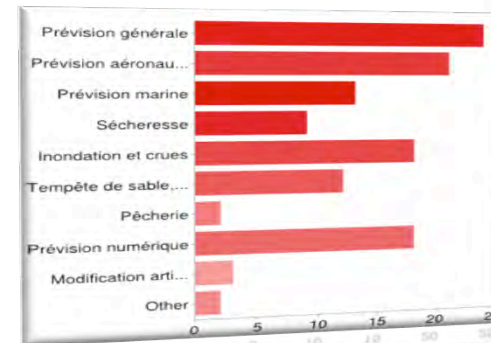
- achieved on Feb 2013
- Panel of 57,

•Objectives:

- Training needs priorities of the region,
- methodological approaches for training,
- Online training barriers,



Online training barriers



Training needs priorities

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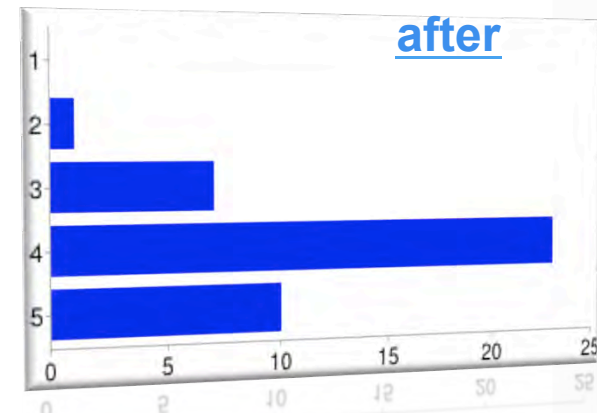
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Strategy

2014' s online survey

- achieved on April 2013
- Panel of 53,
- **Objectives:**
 - Training needs priorities update,
 - impact assessment of 2013 training activities



Skills before and after training action

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Training activities

	theme	days	type	Nb part.
2013	Marine forecasting, nowcasting	5	Face to face	24
	RFG: online survey discussion	.5	online	16
	Aviation week	5	online	67
	RFG: NWP	.5	online	29
	RFG: fog modelisation	.5		27
2014	RFG: Marine case studies	.5	online	16
	RFG: now casting	0.5	online	13

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Training activities

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- CB workshop : «Advanced application on marine forecasting »,
- 20-24 may 2013,
- 10 countries, 22 participants
- modules: , remote sensing, marine forecsating, nowcasting, online training tools

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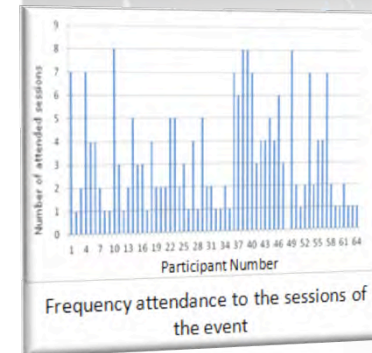
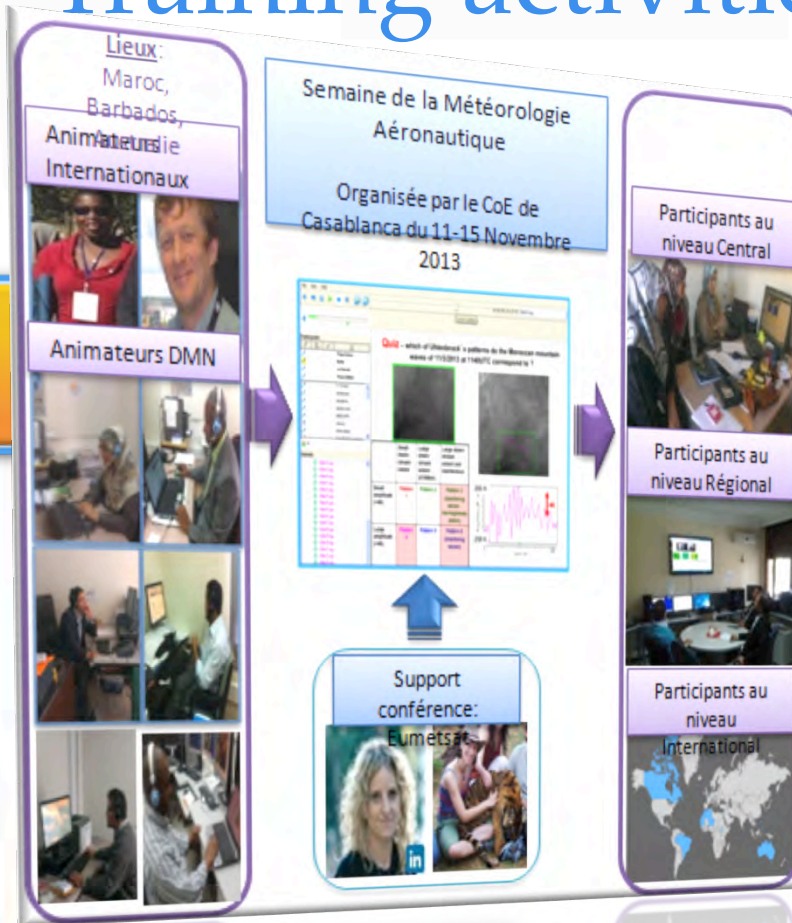
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Training activities



date: 11-15 november 2013,
14 countries , 67 participants,
35 participant Average
attendance / session, 3.25
average frequency attendance

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Building Synergies

- Participation to the Oman CoE workshop by a présentation on fog modélisation, (arabic)
- Expert exchange with the Niamey CoE (French),
- Caribbean and Australitan CoE participation to Casablanca aviation week (English),
- VLMG report
- Participation to Asmet 8 project on extreme event marine forecasting,
- Presentation of CoE activities in WMO LTF and at Eumetsat

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Objectives assessment matrix

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Objectives	Related activities	Assess.	action
Training needs priorities	2 online surveys, RFGs, after training evaluation	Good	Involvement of the SMN manager in Training need and assessment
Training activities	5 days face to face training, 1 week event, 1 day training on NWP 3 RFG, More than 12 countries	good	More regularity in WRKHP
proficiency in providing online training	1 week event, 1 day training on NWP, 3 RFG 192 participants to all online activities	medium	Better planning, better communication, More regularity in RFG
synergies with others CoE	•Oman, Niamey, Australian CoE, •WMO, Eumetsat	medium	Consolidate synergy with Niamey CoE.

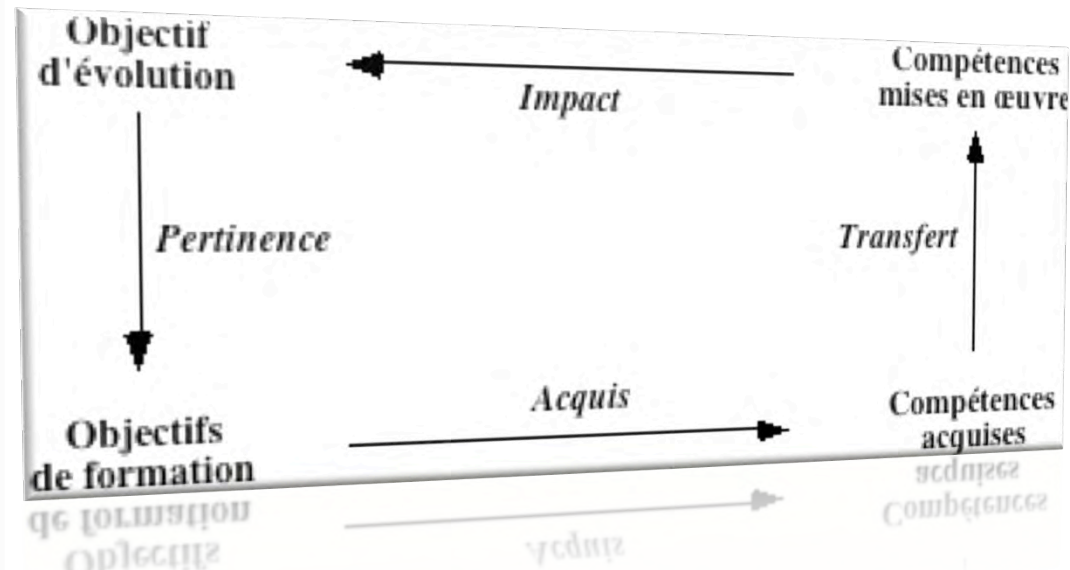
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Strategy

Impact assessment

Model for impact assessment



$$\text{Impact} = \text{Learning} * \text{relevance} * \text{transfer}$$

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Training activities

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activities	objectives	deliverable	date
RFG on marine case studies	To answer the request of	90 minutes training on marine forecasting for 16 part	Jan 2014
Online survey	Priorities needs and impact assesment	Ompact assesment and priorities needs update	March - Apr2014
RFG on nowcasting	Introduction to nowcasting event week	1 hr training for 20-30 participants	Jully 2014
Event week on nowcasting	RC dans l'utilisation de la télédétection pour la prévision immédiate	5 days online training for 70 participants	Oct 2014
Asmet 8 module	Improving r capacities for extreme event marine forecasting	Training module	Dec 2014
CB workshop	Aeronautical meteorology	5 days training to 24 participants	TBD
RFG on the use of satellite data in agriculture	RC sur l'utilisation des données satellitaires en agriculture	Formation de 20-20 Participants pendant une journée	Nov 2014
RFG the use of satellite data for dust monitoring	RC dans l'utilisation de la télédétection pour le suivi et la prévision de la poussière	2 présentations de 30 minutes avec débat d'une huere	

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synergies

- WMO ETR training Workshop in Nov 2014,
- Expert exchange with other CoEs,
- Mechanism to consolidate synergy with Niamey CoE (common action plan 2015-2016),