Centre d'Excellence
en Télédétection de
Casablanca

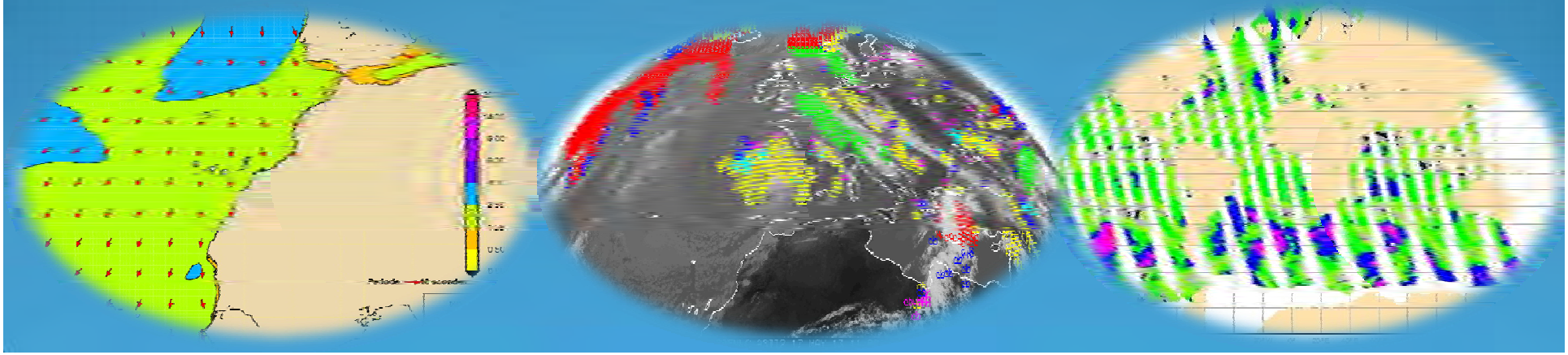
Casablanca's Centre of Excellency,

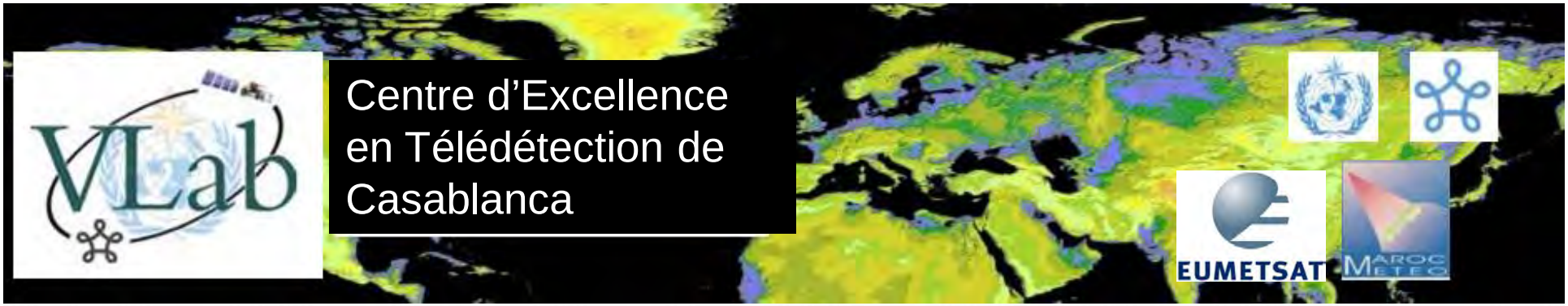
2013-2015 action plan report,

2016-2018 action plan

Noureddine Filali B.

(Casablanca CoE's Focal point)





Agenda:

- ✓ Introduction
- ✓ Main achievement 2013-2015 report:
- ✓ 2016 survey analysis
- ✓ 2016-2018 action plan:

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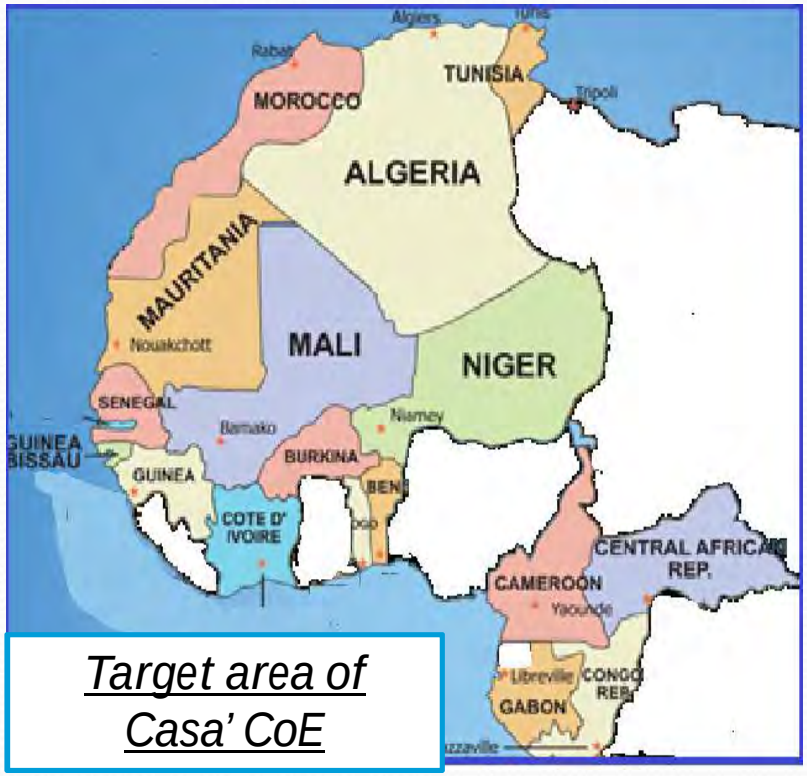
Introduction

•Casablanca 's Centre of Excellency (CoE) is hosted by the Moroccan met Office in Casablanca since December of 2012 with the support of WMO and EUMETSAT.

•Casablanca's CoE target the African Frensh- speaking countries (17) ,

•Action plans are tailored upon the region's training needs through regular online survey with tree goals:

- *•How previous training impact?*
- *•What are the training priority areas?*
- *•what would be the most appropriate methodological approaches to follow for training?*



Target area of Casa' CoE

Strategy, Fundamentals

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

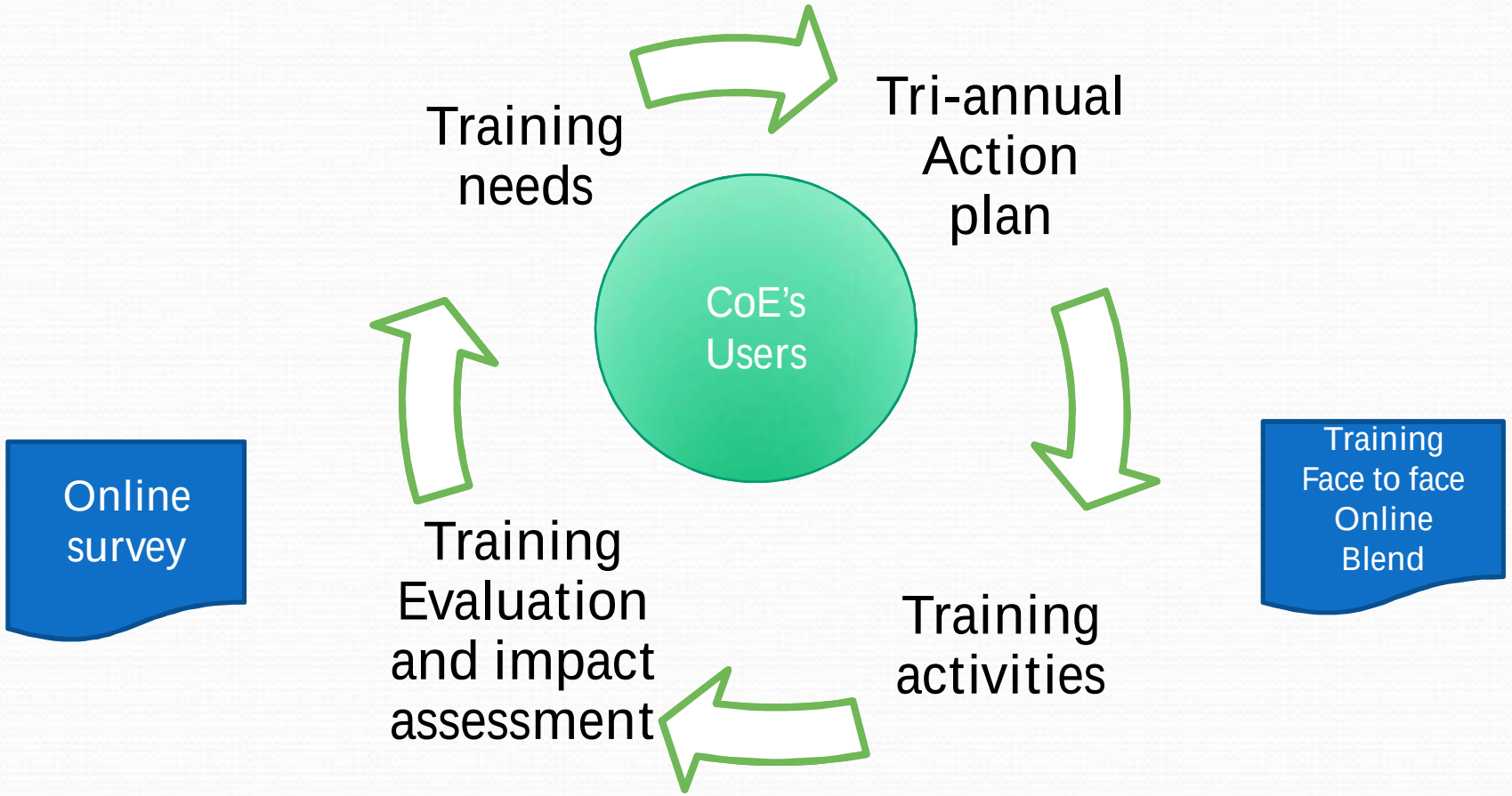
Vision

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.

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.

Methodological Approach



2013-2014 Main achievements

	theme	days	type	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	online	27
2014	RFG: Marine case studies	.5	online	16
	RFG: now casting	.5	online	13

2015-2016 Main achievements

	theme	days	type	part
2015	Climatology and the use of Data base Information system	3	Face to face	15
	QMS for monitoring the aeronautical meteorology	1	online	15
	Production of a training module within asmet8 project on the "Extreme High Swell Events on the Moroccan Atlantic Coast	Asmet 8 project		
	Nowcasting for aeronautical production improvement	3	Face to face	15
2016	Training event : Monitoring and improving aeronautical production	3	online	60
	Onlne survey: assessement and training needs	Online survey		

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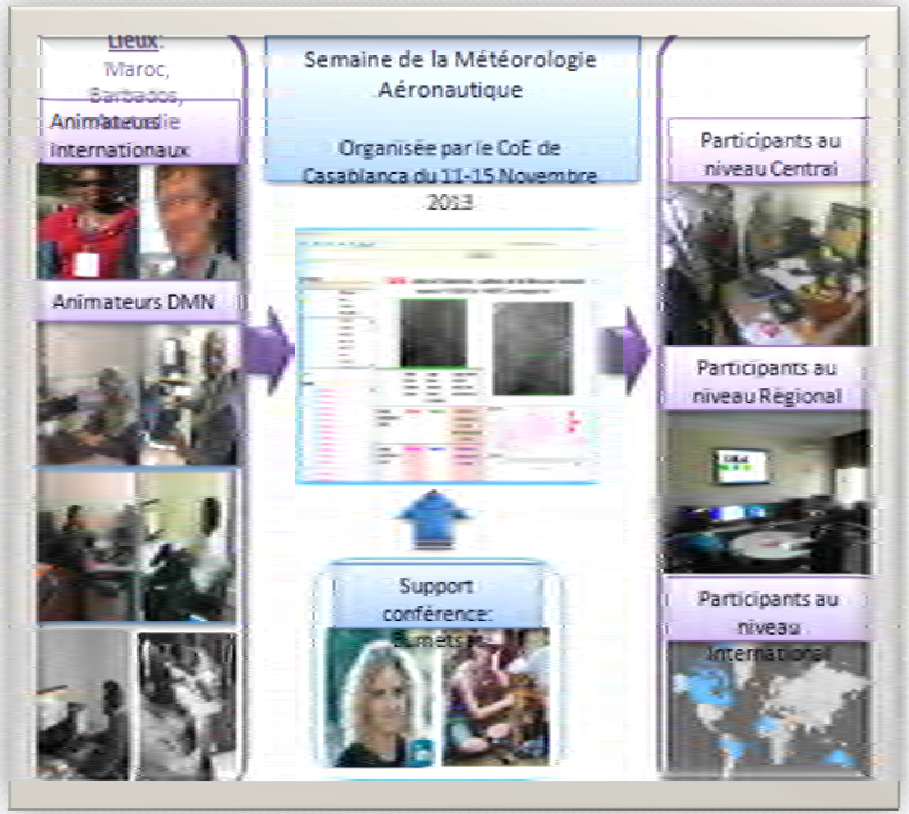
Training activities

- CB workshop : «Advanced application on marine forecasting », 20-24 may 2013,
- 10 countries, 22 participants

- Online aviation week training event,
- 67 participant, 10 countries,



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Main Achievements, Training activities

- Online training event on quality monitoring of aeronautical meteorology production
- 3 days training, 60 participants

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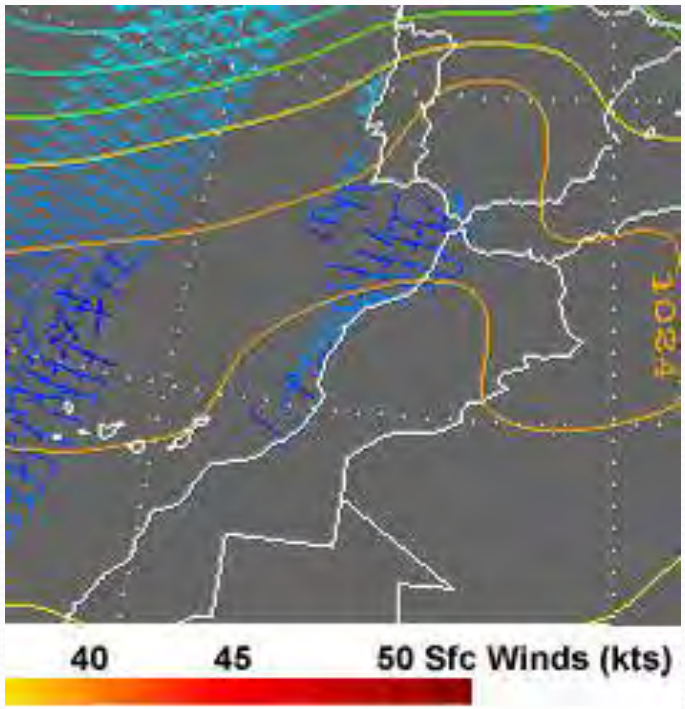
Extreme High Swell Events on the Moroccan Atlantic Coast



This training module is produced by la Direction de la Météorologie Nationale in Morocco in partenary with Eumetsat and

The training module describes the appropriate process in forecasting high swell events, and aims to improve the ability of marine forecasters to forecast extreme marine events related to high swells.

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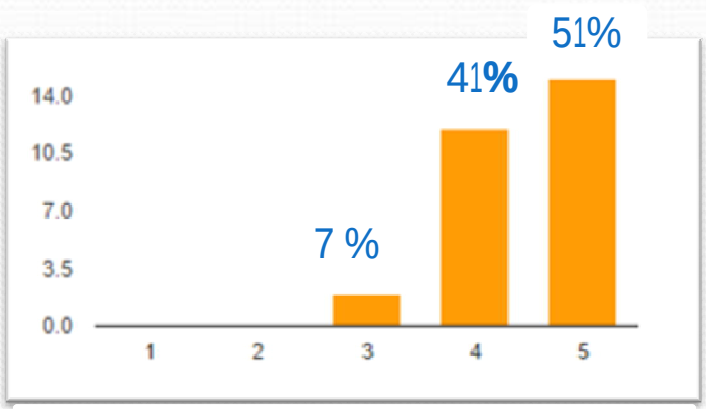
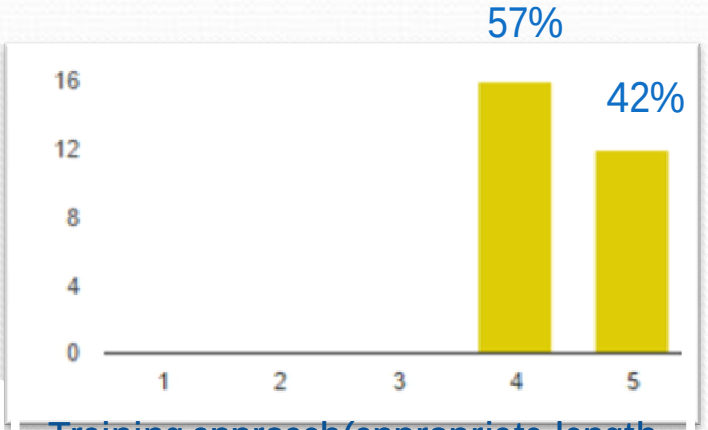
2016 Online Survey

Previous training assessment

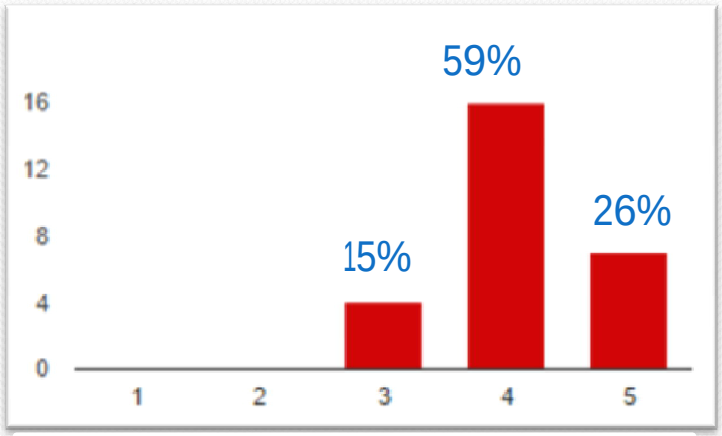


Training content (usefull for my professionnel improvement),

1 : not satisfied at all
5 : very satisfied



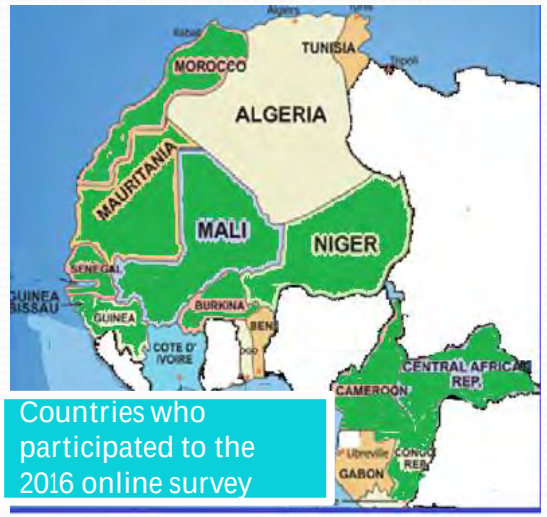
Training approach(appropriate length of time, adequate rhythm),



Quality of the animation

Survey panel:

Numbers: 35
Profil: weather
More than 70% participate to more than trainin organised by the Casa CoE



Countries who participated to the 2016 online survey

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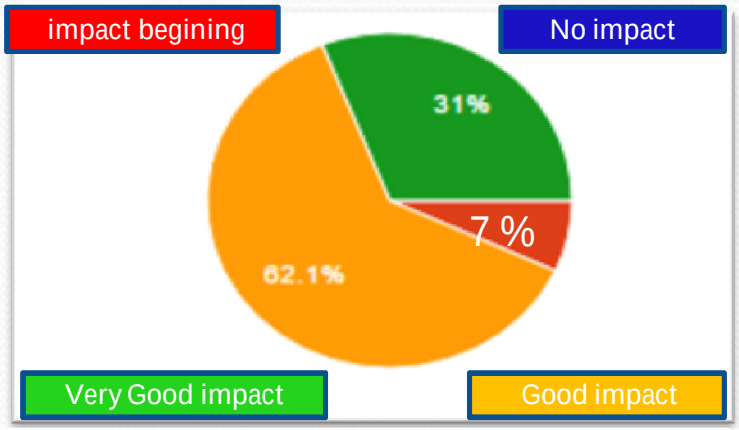
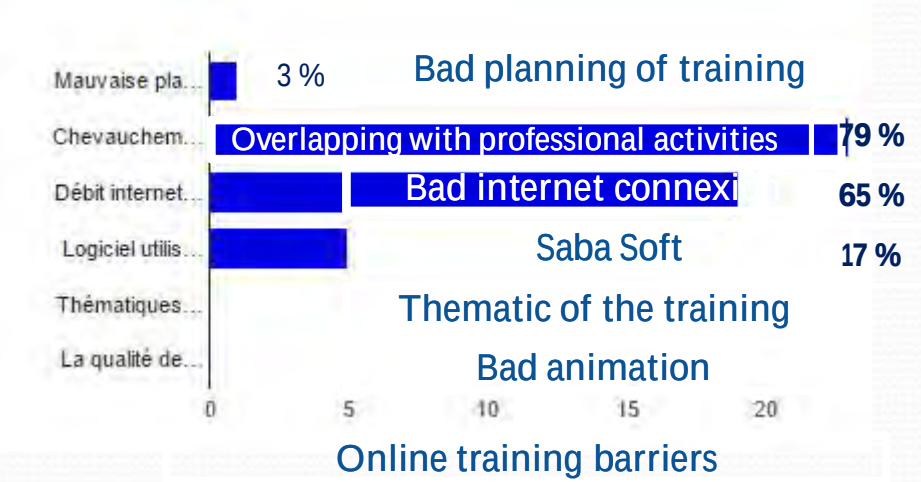
2016 Online Survey

Impact, needs and barriers



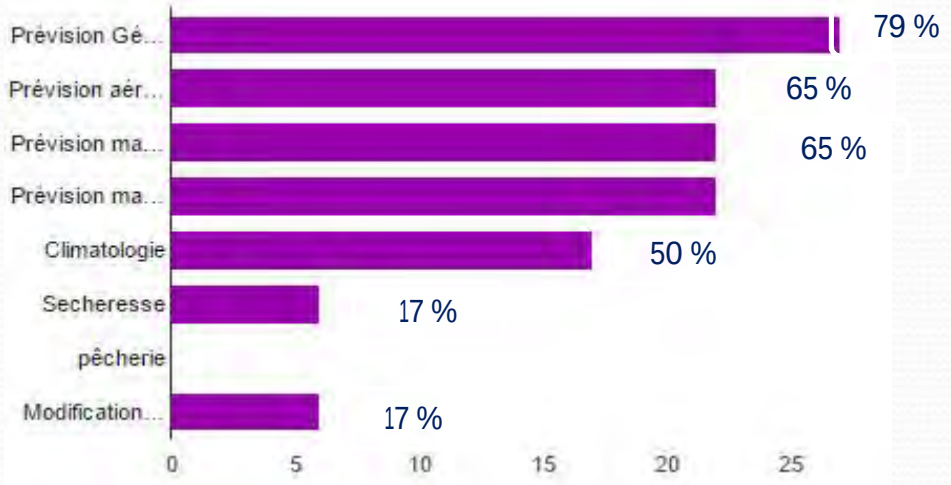
impac tof the training on professional activities



Online training barriers

Users needs priorities:

1. Forecasting General 79 %
2. Aeronautical 65 %
3. Marine forecasting 65 %
4. Use of satellite in climate service, 50 %
5. Drought 17 %
6. weather modification 17 %



Future plan

activities	objectives	date
2016 Online survey	**Assessment of the previous training and training need for next.**	**2016**
3 days Training event	**Quality monitoring**	**April 2016**
1 day training event	**CB on the use of remote sensing data and RGB product**	**May 2016**
RFG on Climate	**Needs of training regarding the use of satellite in climate services**	**Juin 2016**
2-3 day training event	**Use of satellite data for climate services**	**September 2016**
1 day training	**Marine meteorology**	**TBD**