RCC-LRF Bulletins from Météo-France

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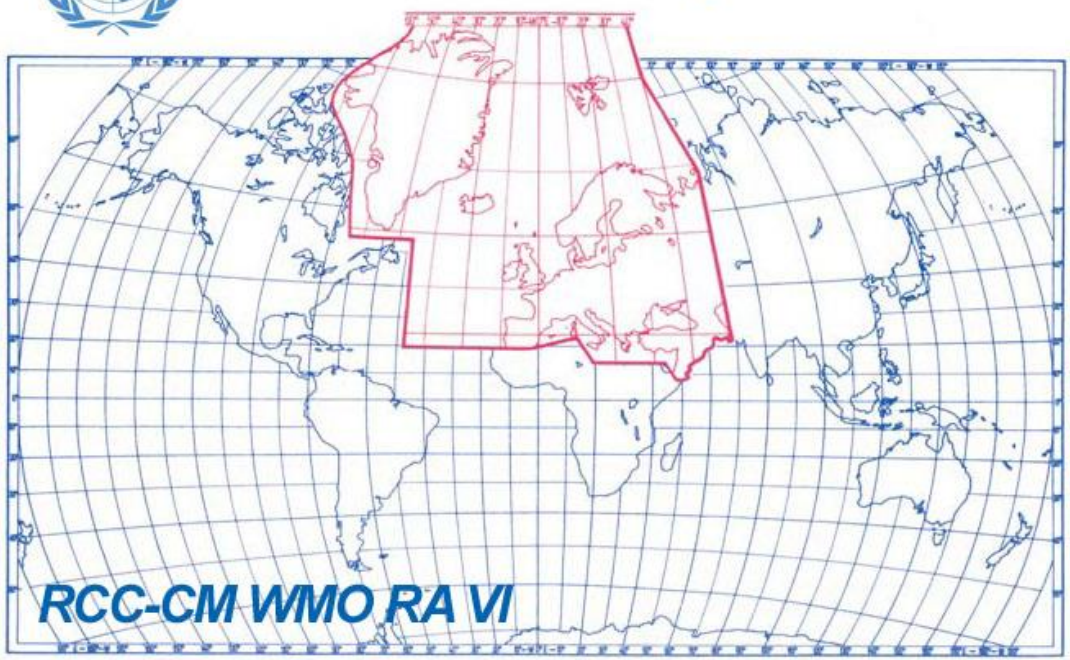
MEDCOF training

Madrid – October 2015

METEO FRANCE
Toujours un temps d'avance

Members of the RCC Network (RA VI)
Node on Long-range Forecasting



Operations : Monthly base

Leading institutions:

- **Météo-France and Roshydromet**

Participants:

- **Météo-France;**
- **Roshydromet;**
- **DWD;**
- **Norwegian Meteorological Institute;**
- **Republic Hydrometeorological Service of Serbia (RHMSS);**
- **Turkish State Meteorological Service**

1. Bulletin Plan

WMO RA VI RCC Network

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Products : Bulletins

GLOBAL CLIMATE BULLETIN
n°196 – October 2015

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Global Climate Bulletin n°196

(issued end of September)

August 2015 observations

Use of Global monitoring products

Use of Regional Monitoring Products

Since March 2014 : input from DWD (analysis over Europe), phone call

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Products : Bulletins

GLOBAL CLIMATE BULLETIN
n°196 – October 2015

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Global Climate Bulletin n°196

(issued end of September)
August 2015 observations
OND 2015 forecasts

Use of SST forecasts from ECMWF, Meteo-France and Euro-SIP (including Oceanic boxes in the 3 oceans)

Use of General Circulation Forecasts from ECMWF and Meteo-France (Velocity Potential, Stream Function at 200hPa and Z500)

Use of Temperature and Rainfall forecasts from 5 GPCs and MMEs (LC-MME and Euro-SIP)

Use of Regional Land Boxes from ECMWF and Meteo-France

Use of Model's consistency map (LC-MME)

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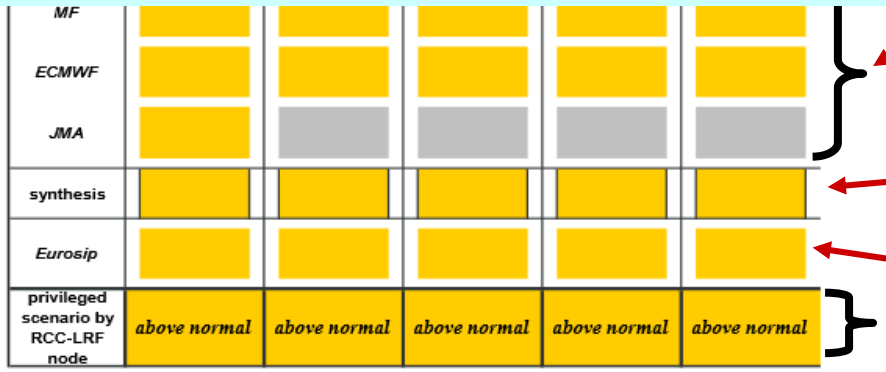
Preparation of Sub-Regional Outlook

+ it clearly shows the diversity/convergence between models

- a too deterministic presentation

- a static division of areas, not always adapted to the situation



model scenarios dispersion

Synthesis of individual models

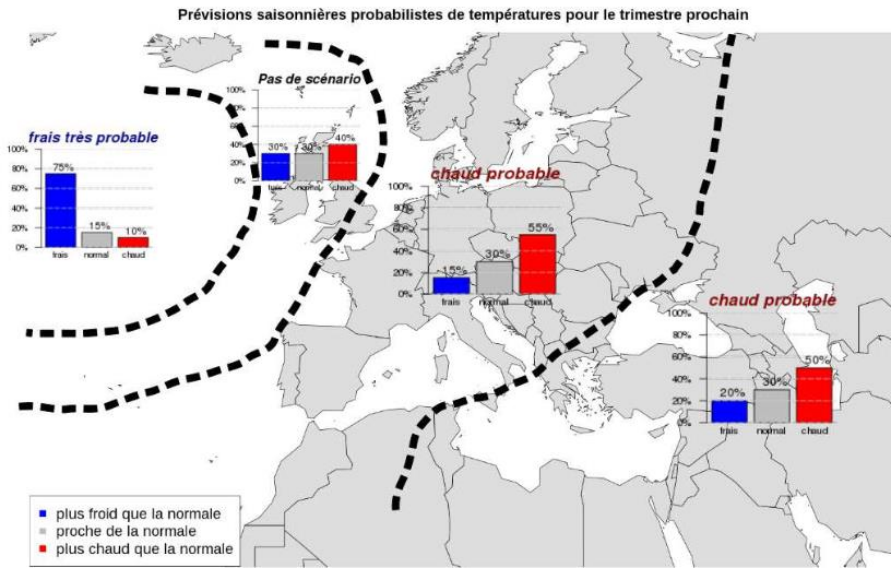
insight into most likely multi model scenarios dispersion

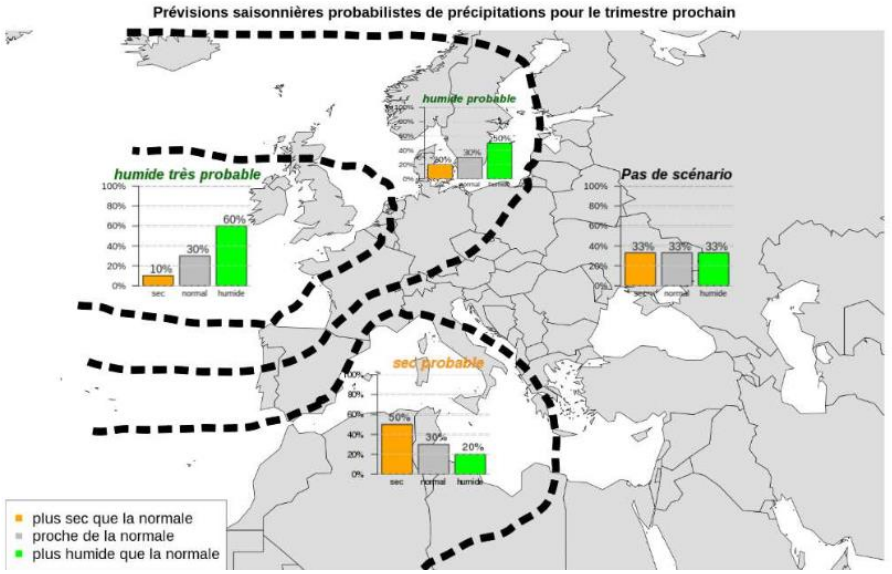
Proposed guidance using additionnal expert judgment (multi disciplinary meeting)

T Below normal (Cold) | T close to normal | T Above normal (Warm) | No privileged scenario

Evolution of the synthesis

Graphical representation of the privileged scenario :





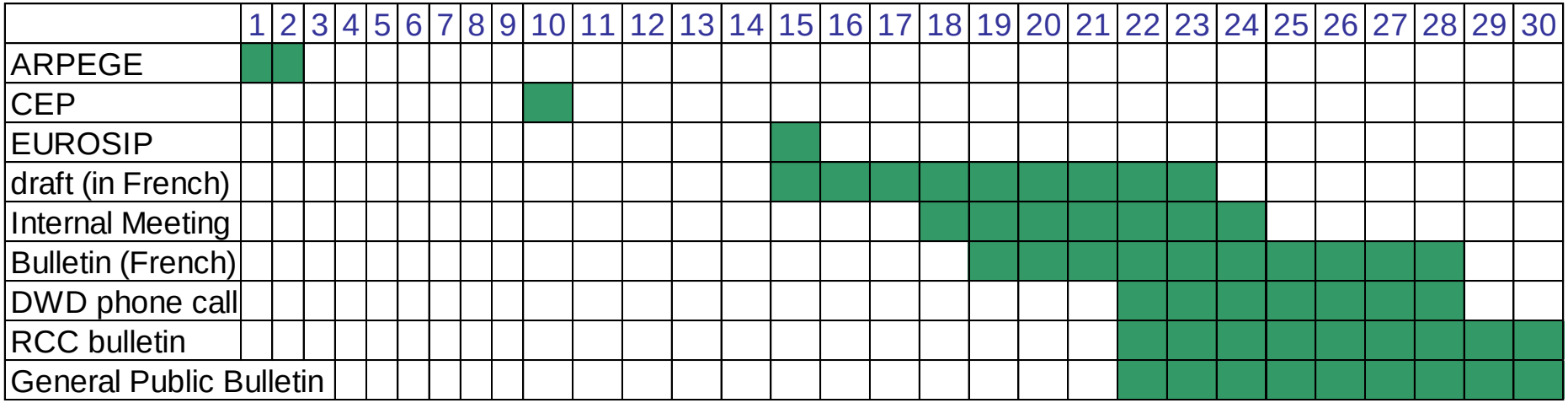
- No information about model diversity

+ a probabilistic presentation

+ areas adapted to each situation

2. Timing

Month M
Bulletin for M+1 / M+2 / M+3



3. Evolutions

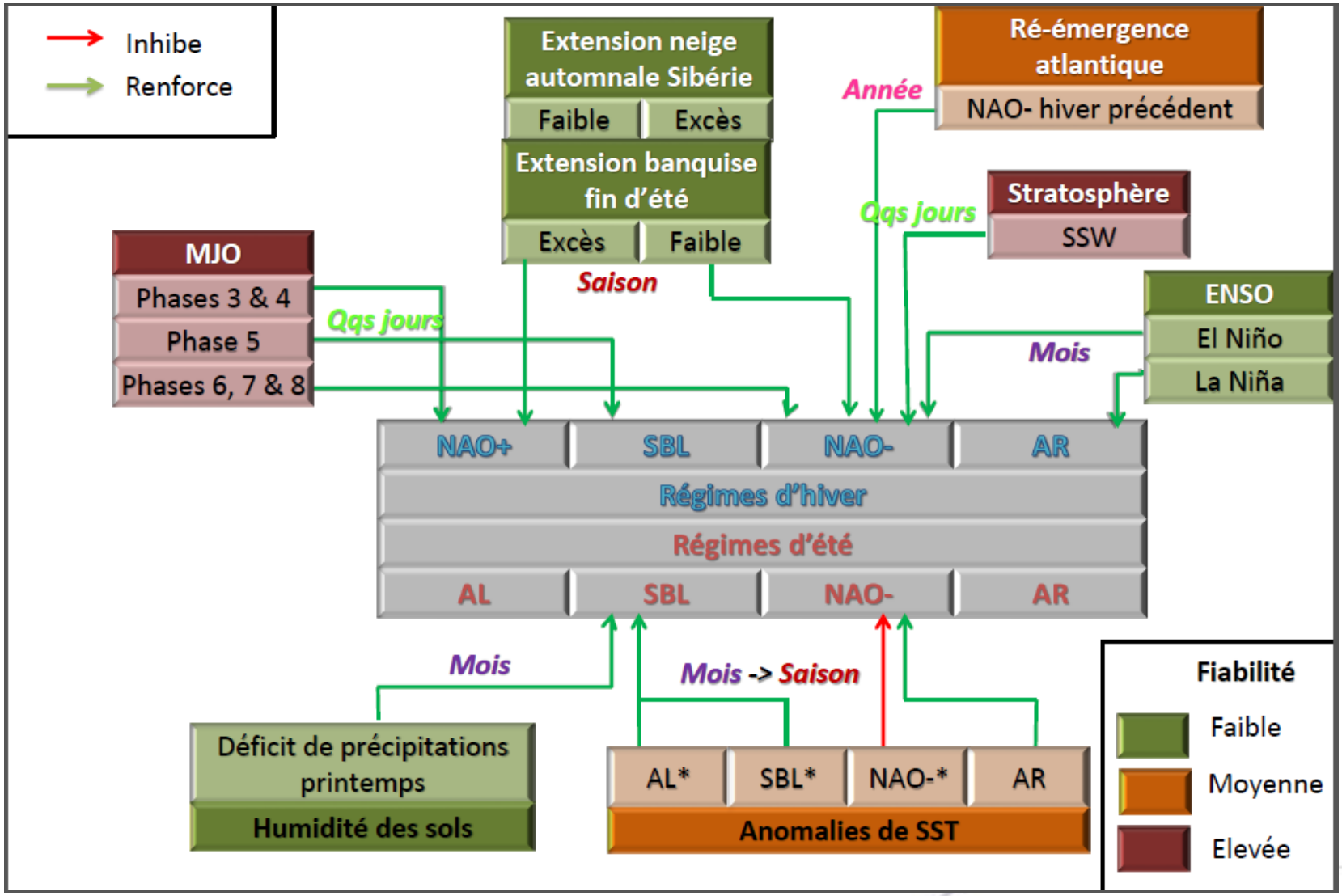
Evolutions

- Toward a more synthetic format of the bulletin
  Regroup text (currently scattered) for a better readability
  (as here http://www.cpc.ncep.noaa.gov/products/CDB/)

- Look at other drivers

- Test COPERNICUS products ➔ to collect feedback from users

Weather regimes drivers



Questions ?

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