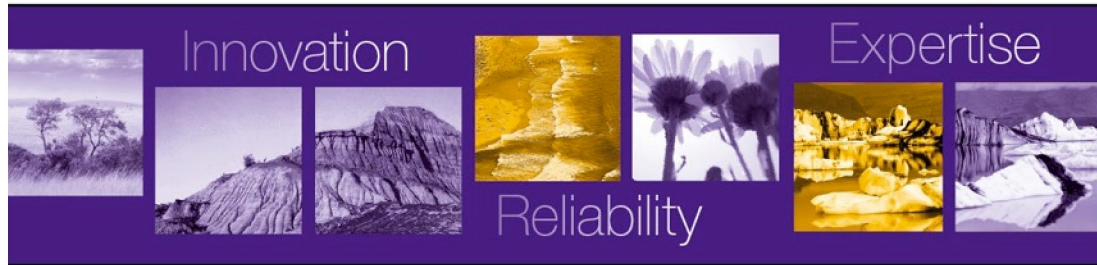


Reliability

Innovation



Expertise

Financing climate mitigation and sustainability at the local level

Cécile Bordier

www.cdcclimat.com

June 26, 2015 – UNEP and GI/REC Symposium, Nice

- ▶ Independent economic research:
 - Energy & Carbon Markets
 - Carbon Offsets, Agriculture & Forestry
 - Climate and Financial Investment
 - Sub-national Climate Policies

- ▶ Clubs gathering stakeholders

- ▶ All publications in EN and FR

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Club ViTECC

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Des partenaires fondateurs reconnus



Des experts et des scientifiques associés

Venant des institutions suivantes :

ADEME - DGEC - CERTU - CIRED - CITEPA - CSTB - Ecole des Mines de Paris - EIVP - LET - OCDE - OURANOS - PNUE

Des Conseils régionaux et généraux :



Des villes et des communautés de communes :

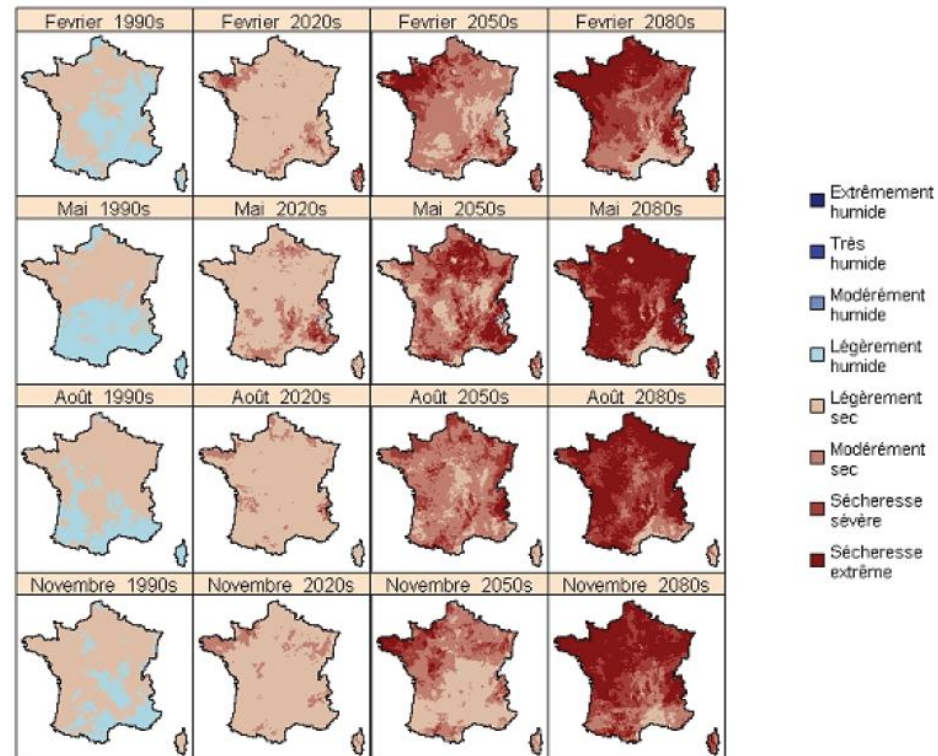


Des entreprises et des institutions :



- ▶ Impacts of climate change
- ▶ Climate policies
- ▶ Economic tools available for local authorities

■ Figure 9 - Evolution des sécheresses agricoles au cours du XXI^e siècle selon les saisons



Note : sécheresses selon SSWI3, à partir des projections Arpège V4.6 scénario A2, méthode de descente d'échelle types de temps. Les saisons sont février=hiver, mai=printemps, août=été, novembre=automne.

Source : CRNM GAME

Innovative financial tools used locally

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Main factors that have boosted the use of new financing models :

- ▶ The increasing scarcity of traditional financing sources, encouraging project coordinators to turn to alternative fundings
- ▶ Desire to involve citizens and to communicate

Some economic tools :

- ▶ Green bonds
- ▶ Crowd-funding
- ▶ Third party financing for energy savings

Examples of green bonds

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- 50% Green projects
- 50% social infrastructure

2012



EUR 350,000,000
3.625% Senior Unsecured Notes Sustainable Bond Due 2024
Joint Bookrunner

2012



EUR 119,500,000
3.6% Senior Unsecured Notes Sustainable Bond Due 2024
Joint Bookrunner

- 75% Green Projects
- 25% Social infrastructure

- 100% Green projects (70% transports, 20% efficiency, 10% biodiversity)

2012



EUR 80,000,000
3.42% Senior Unsecured Notes Sustainable Bond Due 2024
Sole Bookrunner


Source : crédit agricole CIB, 2012

Crowd-funding for renewable energy projects

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► Solar panels on a school



🏢	Porteur de projet :	Blue Green Energy
⚙️	Statut :	en production
⚡	Puissance installée :	35,10 kWc
📍	Origine des panneaux :	Allemagne
💰	Budget total :	105 000 €
🏦	Banque partenaire :	Crédit coopératif

PARTENAIRES



Third-party financing for energy saving investments

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- ▶ Investments are paid off based on the amount of the achieved saved energy



Key messages

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- ▶ Cities and local authorities encouraged to develop financial engineering
- ▶ Need for a leverage effect to attract private funds, no longer only subsidies

- ▶ Main barriers :
 - Capacity building and human resources (reporting, etc.)
 - Access to the financial market (amount of projects, procedure, etc.)
 - Need for the city to be recognized by the financial market

Just released...

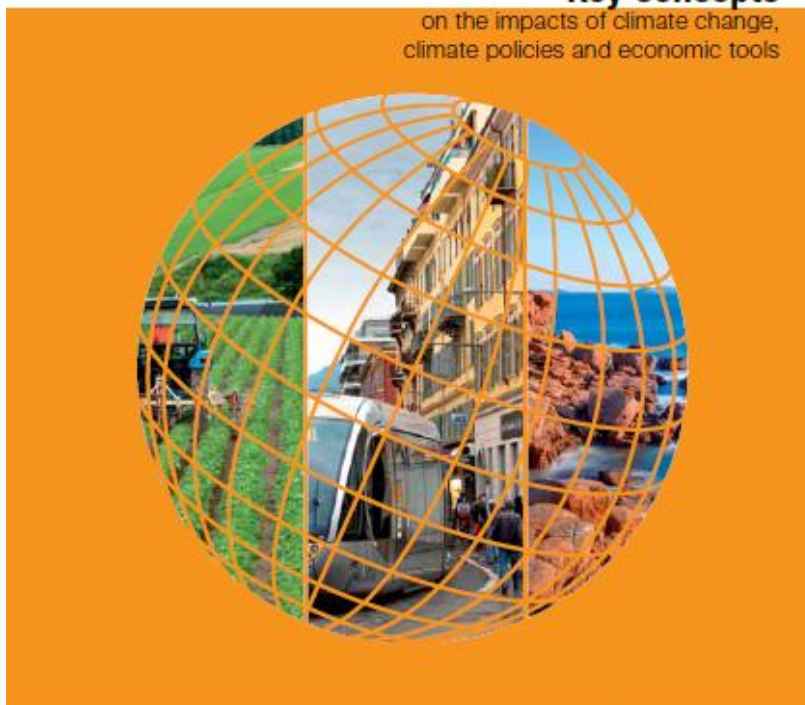
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■ Booklet for sub-national stakeholders heading towards the COP 21

Key concepts

on the impacts of climate change, climate policies and economic tools

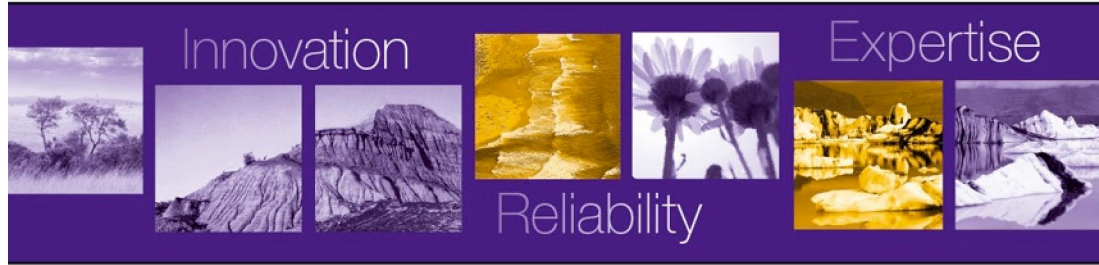


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Thank you for your attention.

Cécile Bordier

cecile.bordier@cdcclimat.com

www.cdcclimat.com