

I4CE

INSTITUTE FOR
CLIMATE
ECONOMICS

Une initiative de la Caisse des Dépôts et
de l'Agence Française de Développement

The French Low-Carbon Standard

« *Label Bas-Carbone* »

ENRD Thematic Group on 'Bioeconomy and Climate Action in rural areas'

February 19th – Brussels

Institute for Climate Economics (I4CE)

- Non profit association

- Initiative from



- A think tank that provides public and private decision-makers with independent expertise on economic and financial issues related to the energy and ecological transition.

A national standard with a bottom-up approach

- 2010-2015 – Incentive from the research clubs



- 2016-2018 : The VOCAL project led by



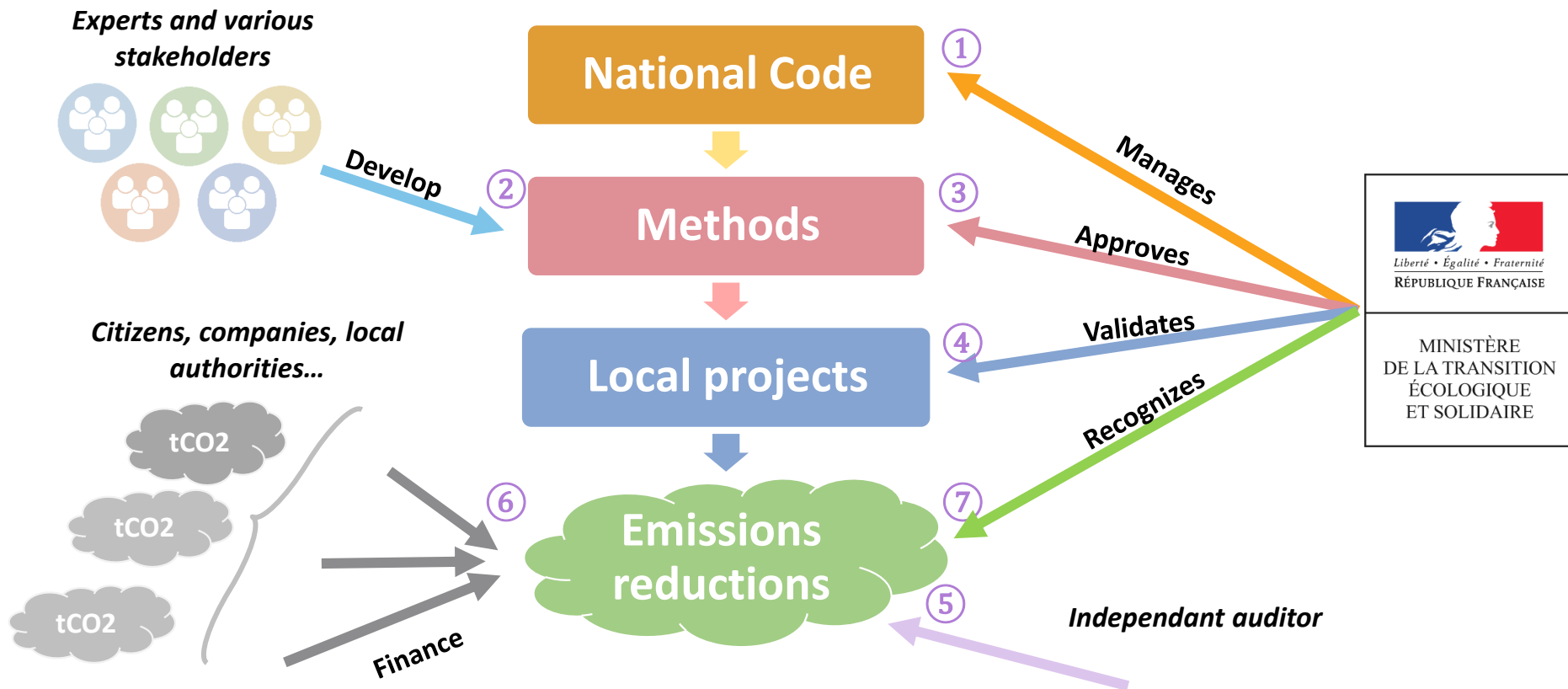
Funding

Technical partners

Steering committee

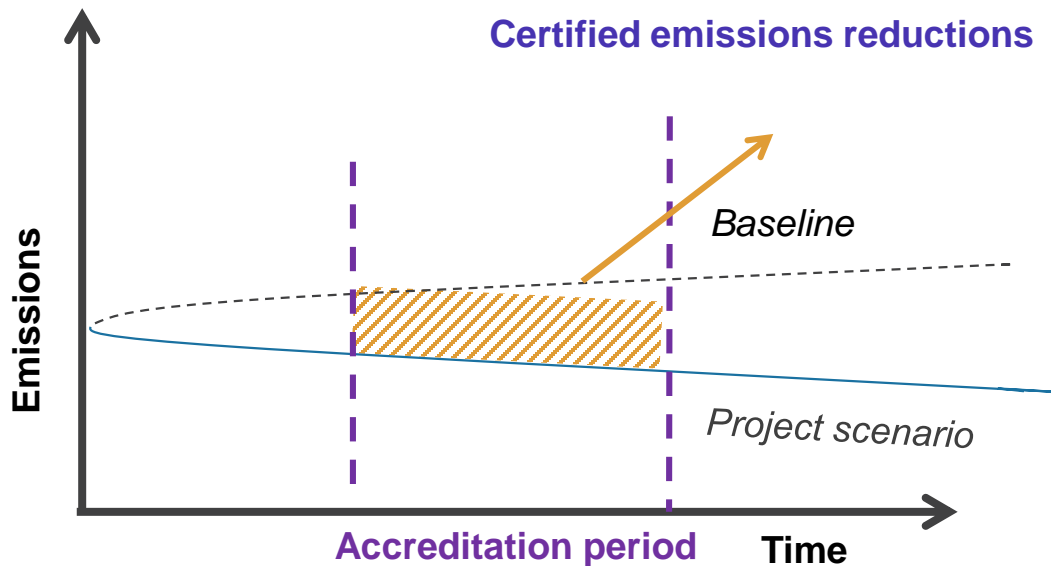


General principle of the standard



Quantify and value emissions reduction/carbon sequestration

- **What is a carbon project?**



- **Baseline** : without new practices ; follows the trend; strictly follows regulation.
- **Project scenario**: with new practices (afforestation, optimisation of nitrogen fertilisation, hedges planting...)

- **Carbon projects basic quality criteria**

- **Additionality**

- Emissions and sequestration monitoring

- **Third party verification**

- Traceability through a registry
- Non-permanence risk management

First focus on forestry and agriculture

APPROVED

Forestry (CNPf)

- **Afforestation**
- **Restauration of degraded forests**
 - *Strom*
 - *Wild fires*
 - *Forest die-back*
- **Conversion of coppice forest to high forest**

Agriculture (IDELE)

- **Carbon Agri : livestock**
 - *Integrates all emissions reductions levers on a livestock farm*

IN DEVELOPMENT

Forestry (CNPf)

- **Carbon storage in agricultural soils**
 - *Cropland and grassland*
 - *Agroforestry and hedges*
- **Building**
 - *Energy refurbishment*
 - *Re-use of construction materials*
- **Forestry**
 - *Mangrove restoration*
- **Other practices in discussion**
 - *Continuous cover forestry*
 - *Methanization*
 - *Arboriculture*

Certification process (1/2)

Intention note (project developer)



Project document assessment (Ministry)



Validation request (project developer)



Validation (Ministry)



Certification process (2/2)

Project implementation



Emissions reductions
verification (auditor)



N+1 or N+5

Request for emissions
reduction recognition (project
developer)



Emissions reductions
recognition (Ministry)



Account Holder	Projects	Issuances / Listings	Holdings	Retired Credits	Assigned Credits					
2014	Trees for Global Benefits ECCORUST					Plan View	Allocation / Redemption	Harvest Balance	85,105 PNC (CCDR)	UNIT View
2014	The CommunityCarbon Program (Bemery Limy Community Carbon Project)		Logging Road - Inflance			Plan View	Forest	Eva O. Neale	85,941 PNC (CCDR)	UNIT View
2014	Mitaku Peraga Alternative for Coastal Ecosystem Services					Plan View	Forest Conservation & Avoided Deforestation	Plan View- Approved Expert Reviewer	2,105 PNC (CCDR)	UNIT View
2010	Reducing Emissions from Deforestation and Forest Degradation in the Yando Valley, Northern Tanzania Carbon-Tanzania					Plan View	REDD	Plan View- Approved Expert Reviewer	14,010 PNC (CCDR)	UNIT View
2010	The CommunityCarbon Program (Bemery Limy Community Carbon Project)		Logging Road - Inflance			Plan View	Forest	Eva O. Neale	78,430 PNC (CCDR)	UNIT View
2010	Hedluna Biobak Project Conservation Carbon Company (PVC Ltd)					Plan View	Allocation / Redemption	Plan View- Approved Expert Reviewer	1,008 PNC (CCDR)	UNIT View

Forestry methodologies in a few words

Inclusion of forest removals, carbon stocks in HWP and substitution effects

- **Forest removals and HWP carbon stocks : ex-ante emissions reductions**
 - Look-up tables
- **Substitution effects : indirect emissions reductions**
 - Outside project perimeter
 - Are not the direct consequence of the project

Inclusion of non-carbon impacts

- **Avoid negative impacts**
 - *Afforestation authorization*
 - *Biodiversity diagnosis*
 - *No tillage and forest residues harvest...*
- **Positive impacts bonuses**
 - *Biodiversity, water, soil conservation, employment etc.*

Other carbon accounting specificities

- **Emissions reductions accounted for 30 years**
- **Discount rate applied according the the project risk level (non-permanence issues)**

Where are we and what are the next steps ?

- **Today** : 13 projects validated
- **Disseminate the tool** : information sessions and documents
- **Help with the development of new methods**
- **Get intermediaries/agregators involved** :
 - Collective project documents
 - Auditor selection
 - Connection with buyers
 - Stakeholders from forestry and agriculture sectors, local authorities...



Thank you for your
attention !

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