



Cattle carbon initiatives and carbon offset projects in France

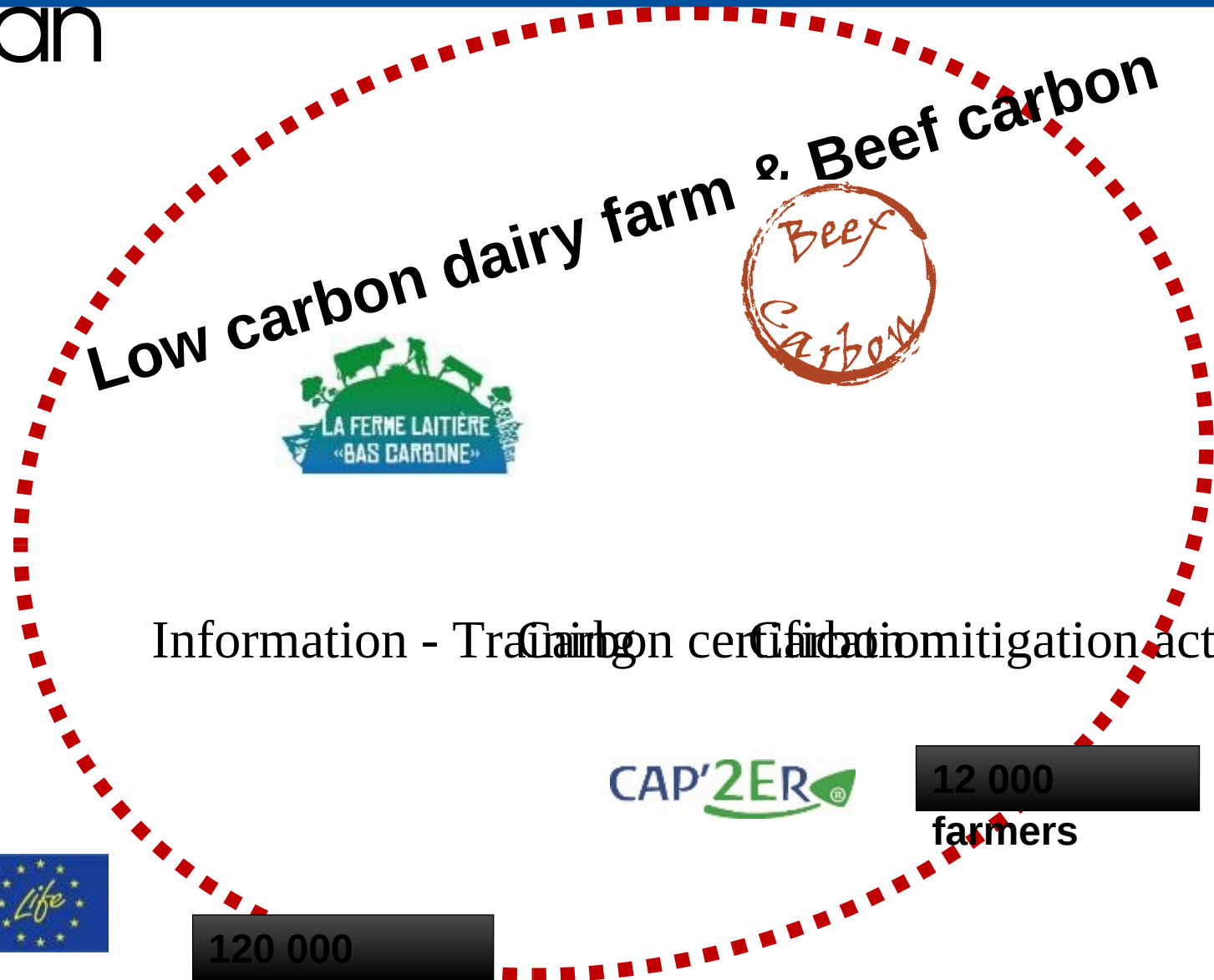
Jean Baptiste Dollé, Armelle Gac, Catherine Brocas, Josselin Andurand
Institut de l'Elevage – French Livestock Institute

Auteur(s)



*SIDE EVENT EU Pavillion
Wednesday 4th December*

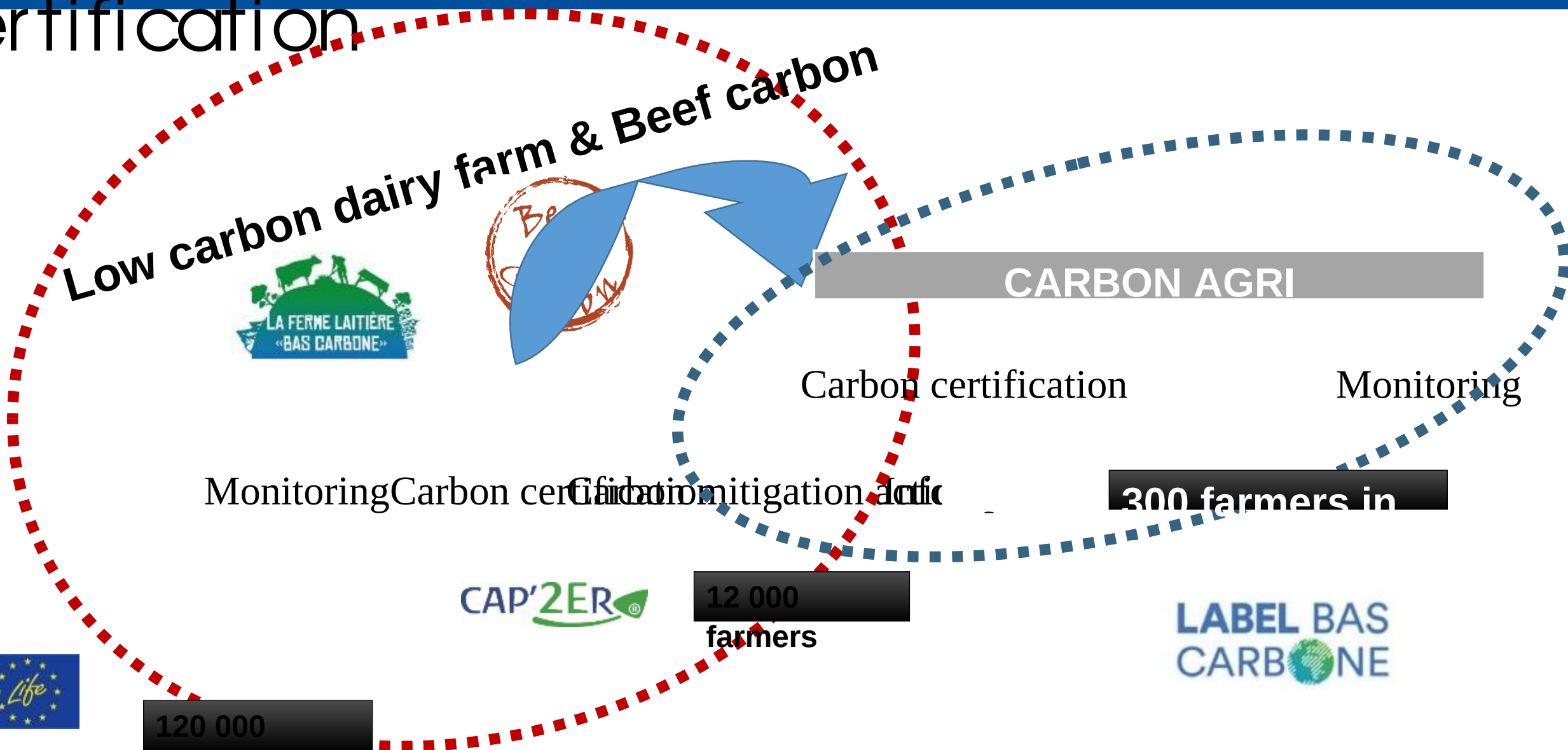
Involving farmers in a sustainable action plan



A carbon footprint reduction
from 15 to 20% by 2025



Involving farmers in a national carbon certification



CARBON AGRI : A methodology to capture more than 40 mitigations

GHG emissions

Carbon sequestration

practices



Inputs

Pasture management,
Concentrates and
fertilizers,
Legumes, Crops
rotation



Fuel and electricity

No-till cultivation,
Power and equipment,
Working organization



Crops management & fertilization

Legume fodder crops,
Optimization of fertilizers
uses



Herd management

Increasing productivity
Reducing number of
unproductive animals



Feed

Feed efficiency,
Forage quality and
quantity



Manure management

Time spent in shed vs
pasture,
Biogas production



Cover crops



Introduce more
intermediate crops,
more row intercropping
and more
grass strips

Avoid bare soil



Never leave
soil bare
and work it less,
for example by
using no-till methods

Agrofor estry



Add to the
hedges at field
boundaries
and develop
agroforestry

Grassland management



Optimize
pasture management
- with longer
grazing periods,
for example

Conclusion



- French cattle sector is engaged in reducing carbon emissions : a large dissemination of low carbon practices in cattle farms
- CARBON AGRI : A French accounting methodology following the French Low Carbon Standard
- France CARBON AGRI Association for developing collective carbon certification projects



U dimension – LIFE SUSTAINABLE



Toward a low carbon and sustainable cattle production in France



2030-2050

Low carbon production systems

2020

Dissemination of the low carbon programs
Development of mechanisms support



Dissemination of the low carbon programs
Evaluation of mitigating practices
Extension of the approach

2013-2017



Development of methodologies
Evaluation of GHG emissions in cattle production systems

FAO Report



Carbon farming initiatives

EU side event
December 4th
2019

- **1 : Climate change mitigation and insurance**
- Christine HOLZLEITER - DG CLIMA
- Valérie DERMAUX – French Ministry of Agriculture
- A ARHUNG - Danish Agriculture and Food Council
- Jean Baptiste DOLLE – French Livestock Institute
- Emmanuel COSTE – French farmer
- **2 : Climate change risk adaptation**
- Lannette CHITI – Fairtrade International
- Jennifer PHILLIPS – Munich Climate Insurance Initiative
- Evan GIRVETZ - CIAT

