French Action Plan *for Butterflies*

Acting together to preserve the most endangered butterflies

2018-2028

Xavier **HOUARD** – Opie &
Camille **GAZAY** – PatriNat

European Commission

Butterfly Conservation Europe

OPIE

PATRIMOINE NATUREL

MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE
Liberté
Égalité
Fraternité

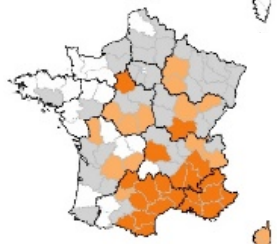
Decline alert in France!

Alarm to rescue butterflies

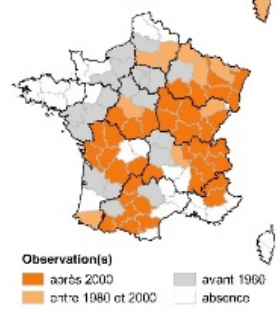
-91% departmental occupency data **[-29]** for ***Coenonympha hero***

-78% departmental occupency data **[-18]** for ***Euphydryas maturna***

-72% departmental occupency data **[-54]** for ***Chazara briseis***



-48% departmental occupency data **[-34]** for ***Lopinga achine***



MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE
Liberté Égalité Fraternité

Decline alert in France!

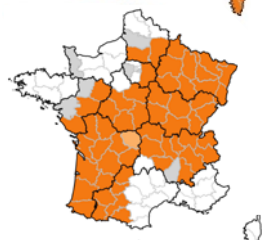
Alarm to rescue butterflies

-21% departmental occupency data **[-16]**
for ***Phengaris alcon***

-12% departmental occupency data **[-9]**
for ***Melictaea aurelia***

-11% departmental occupency data **[-9]**
for ***Phengaris arion***

-11% departmental occupency data **[-7]**
for ***Lycaena dispar***



- 8% departmental occupency data **[-7]**
for ***Euphydryas aurinia***

MINISTÈRE
DE LA TRANSITION
ÉCOLOGIQUE
Liberté
Égalité
Fraternité

Key figures

- **1** synthetic document
- **5** axes of objectives
- **10** years of implementation
- **13** prioritized action sheets
- **38** priority species

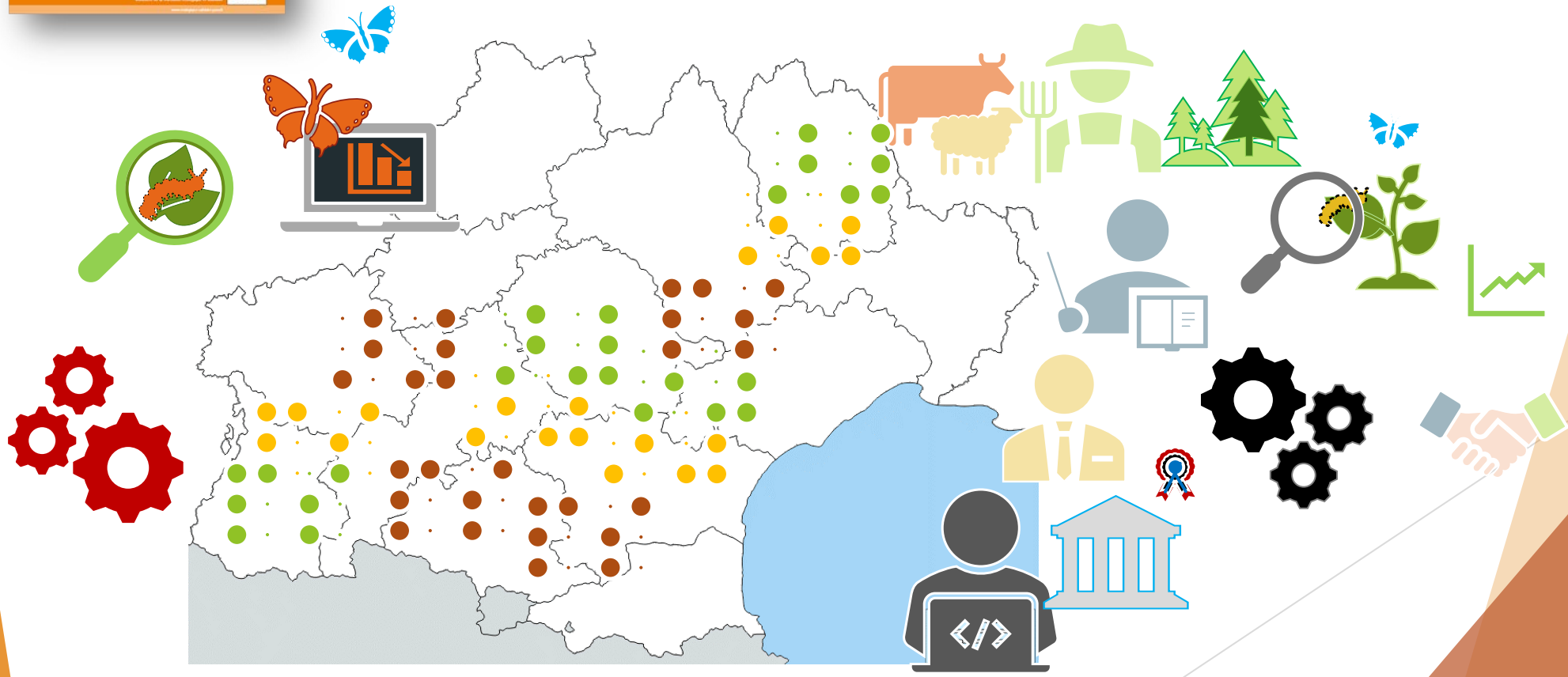
https://www.ecologie.gouv.fr/sites/default/files/PNA_papillons_de_jour_2018-2018.pdf

https://papillons.pnaopie.fr/

MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE
Liberté
Égalité
Fraternité

Actions deployment

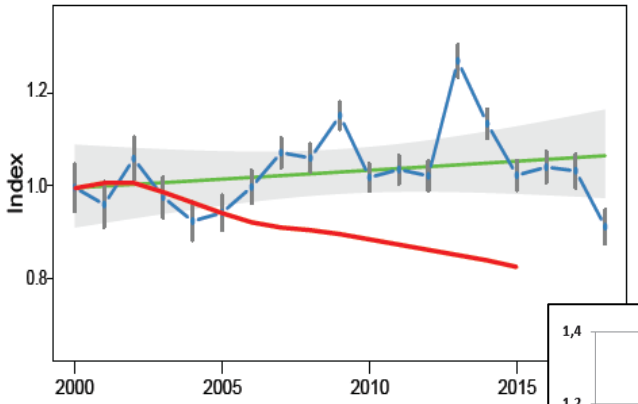
- **1 summary document** focusing on the implementation of local actions at the regional level



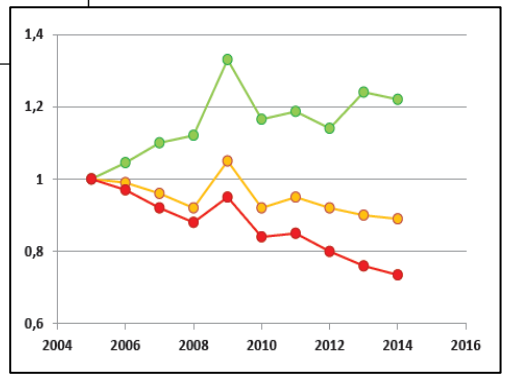
MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE
Liberté Égalité Fraternité

Protective perimeters halt the decline of butterflies

- Sites managed and protected for biodiversity are home to most populations of threatened butterfly species targeted by the National Plan.



The monitoring protocol deployed in the French Reserves network shows that the 17 grassland indicator species, included in a European-scale monitoring « ***European Butterfly Indicator for grassland species*** », have globally stable population levels in the French Reserves while they lose -33% at the European level.



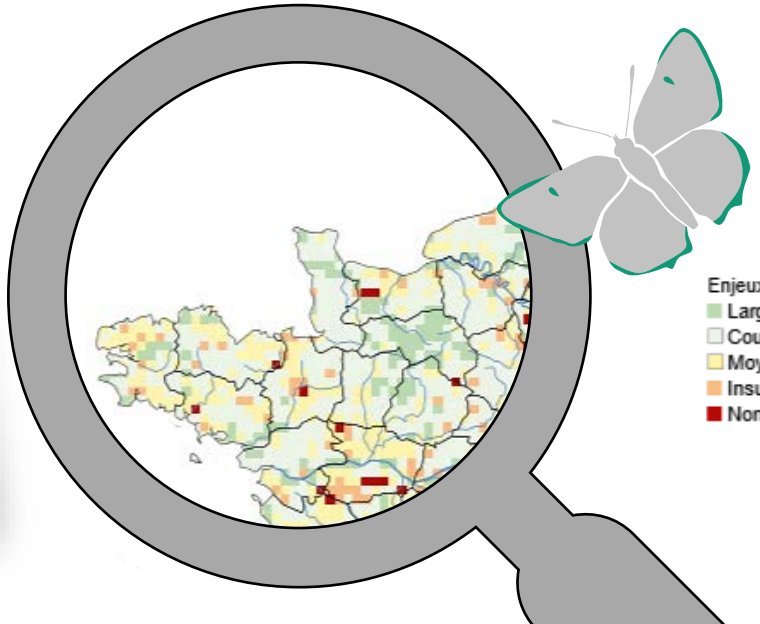
At the national level, for all the butterfly species monitored (40 spp.) and for the reference period 2005-2014, they would have increased by 18% in the French Reserves(**green**) while they declined by 11% for all France (**orange**) and even 26% if we consider only grassland specialist species (**red**). *Données : STERF-Vigie Nature*

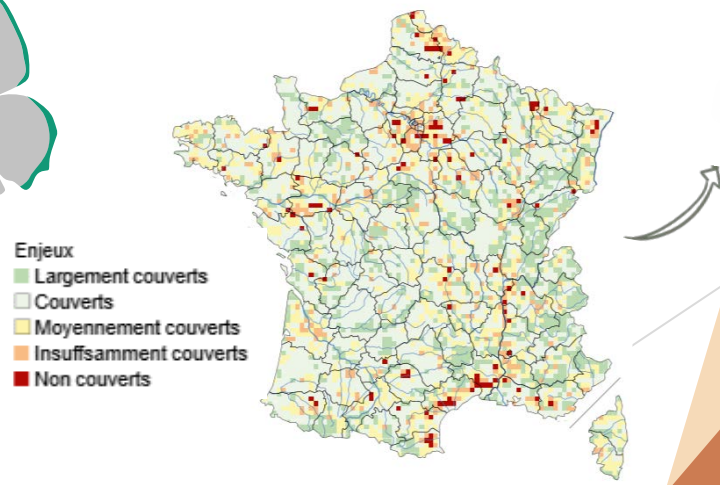
Sites managed for the preservation of biodiversity are refuge areas and "reservoirs" for maintaining butterfly populations.

Actions deployment

- **1 summary document** focusing on the implementation of local actions at the regional level

- Regional implementation of the French Strategy for Biodiversity
  - Reinforcement of the network of protected areas with regard to areas of "irreplaceability" considering anthropogenic pressures and the current network of protected areas





Protected areas targets for 2030

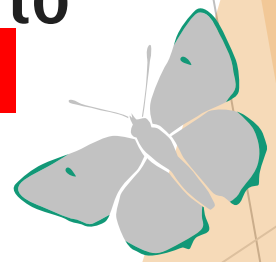
MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE
Liberté
Égalité
Fraternité

2 key actions for consistency

- **Activate processes aimed at the preservation of butterflies**
  The French Plan for Butterflies relies on all the existing tools and on the various sectoral policies to create coherent conservation actions.

#9 Articulate the different conservation policies of the French strategy for Biodiversity and Regional strategies to mobilize concrete conservation actions on the field; Top priority

#10 Access to sustainable management of localities (sites) of priority species through the restoration and/or conservation of populations; Top priority



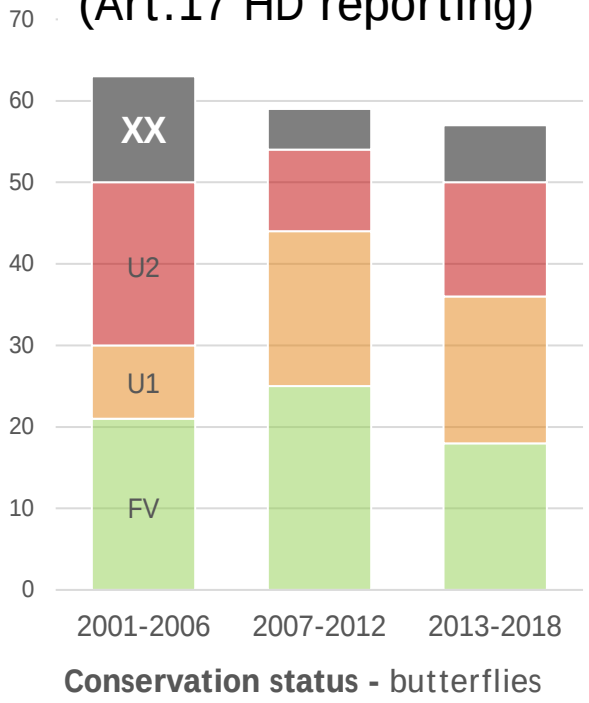
MINISTÈRE
DE LA TRANSITION
ÉCOLOGIQUE
Liberté
Égalité
Fraternité

▶ A tool for the French contribution to EU policies

The National Plan for Butterflies makes it possible to **structure and coordinate a network of local operators** involved in butterfly conservation.

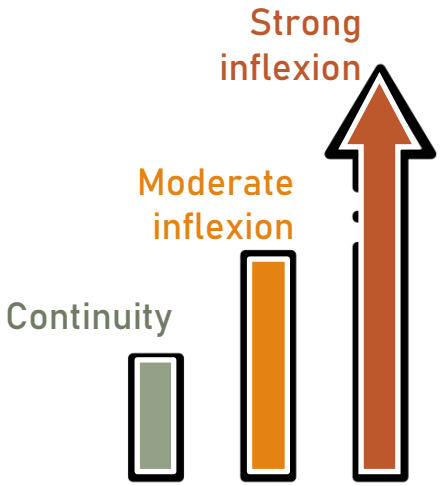
a network which can be mobilised :

To reduce « unknown » conservation status (Art.17 HD reporting)



Conservation status - butterflies

To assess the necessary level of ambition
(global and for each species)



Conservation status targets for 2030

Coenonympha oedippus
© P.Gourdain

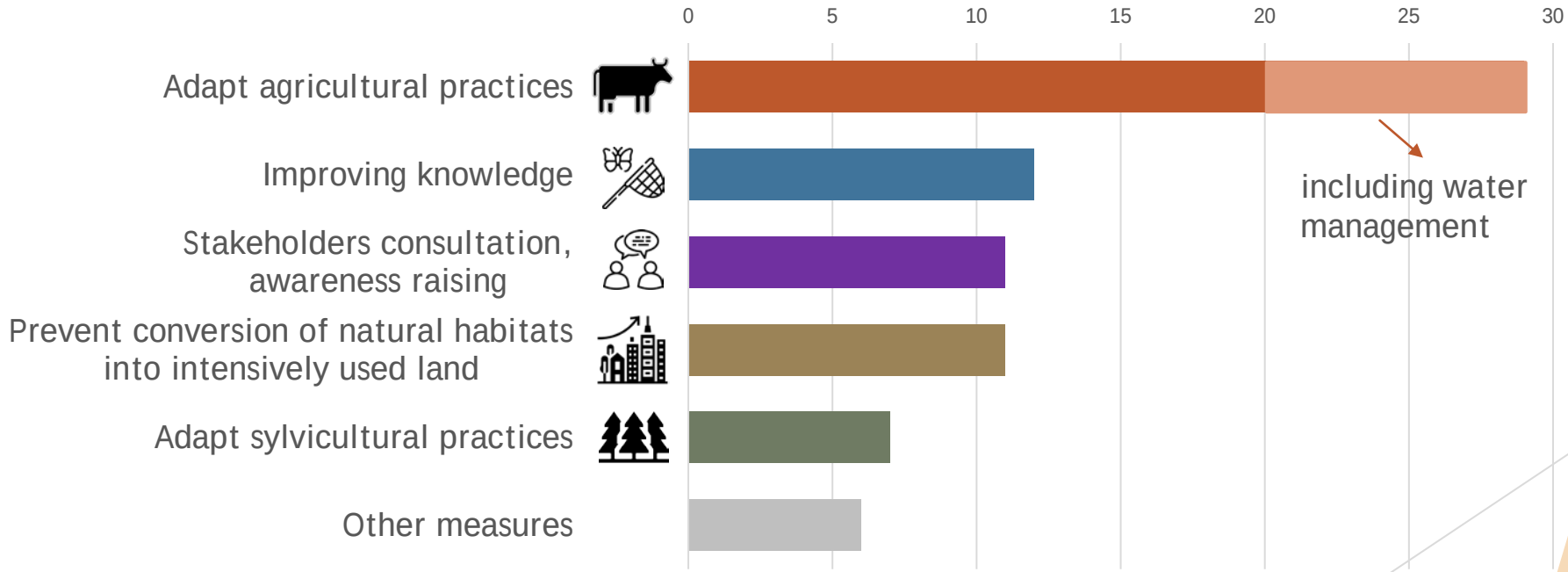
Coenonympha hero
© S.Wroza

A tool for the French contribution to EU policies

Identify and implement **the main conservation measures** needed to improve conservation status of butterflies by 2030 :

Conservation status targets for 2030

Key measures mentioned by experts
(number of species/biogeo for which the measure is cited)



French Action Plan 2018-2028 *for Butterflies*

Acting together to preserve the most endangered butterflies

thank you for your attention

European Commission

Butterfly CONSERVATION EUROPE

OPIE

PATRIMOINE NATUREL

MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE
Liberté Égalité Fraternité