

 **Area survey of the Papilioidea diversity
in Durme- and Schelde territory,
Flanders (Belgium) 2013 – 2017** 

 Jurgen Couckuyt	 Philippe Van de Velde	 Ortwin Hoffmann	 Raphaël Windey
 Paul Durinck	 Thomas Van Lancker	 Tom Vermeulen	 Sylvain Cuvelier

Contact: Vzw Durme, Molsbergenstraat 1, 9160 Lokeren, Belgium, couckuyt.jurgen@telenet.be



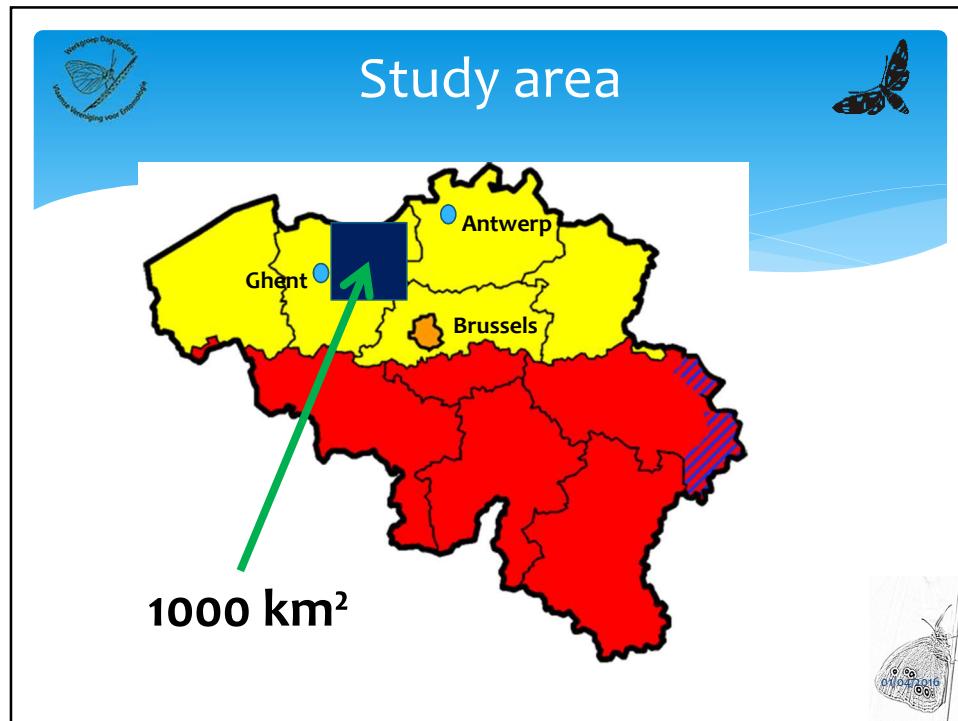

**Dagvlinders?
Die zie je toch niet meer!**
**Project dagvlinders
Durme- en Scheldegebied
2013 - 2017**
Aphantopus hyperantus (Koevinkje)

ens for science 

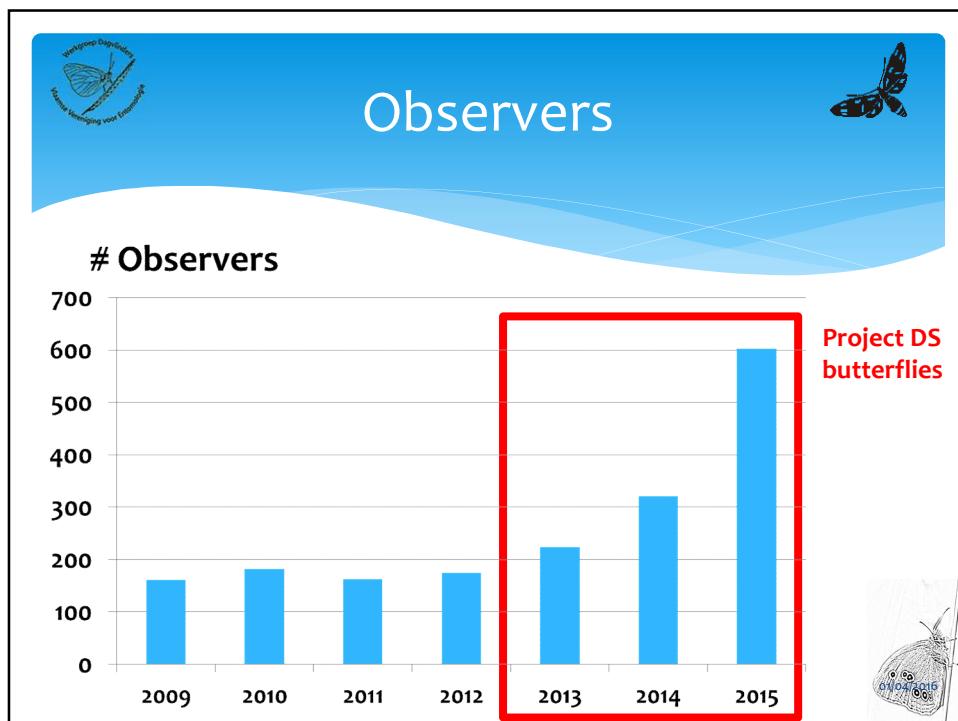
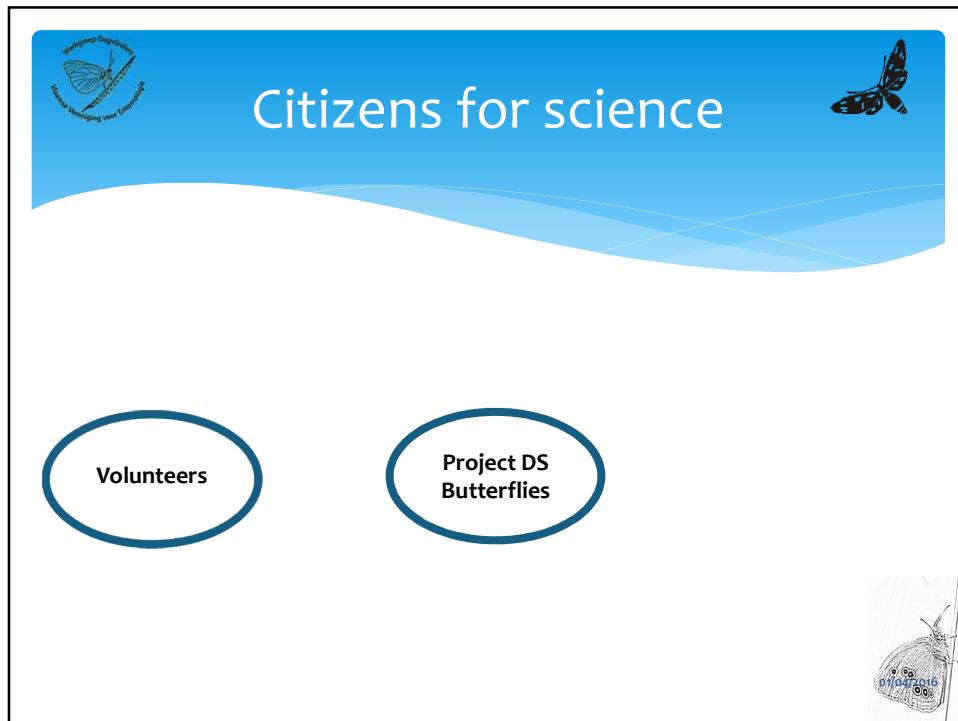
Project DS Butterflies

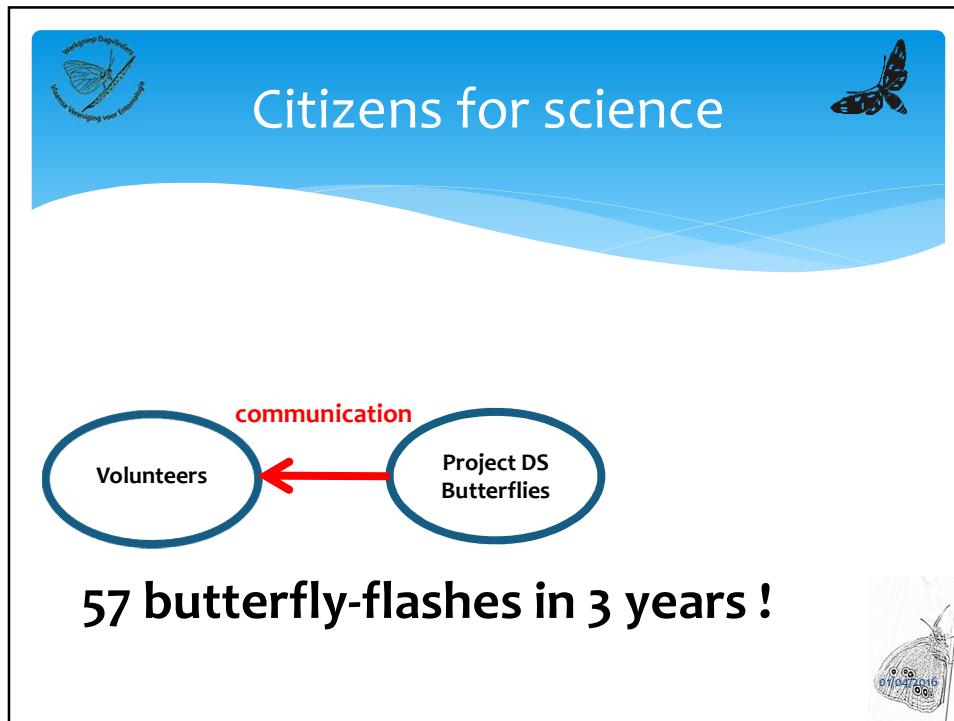
- Proposed by the **VVE Workgroup Butterflies of the Flemish Entomological Society**
- **5 years project (2013-2017)**
- **Core group** of 8 experienced amateurs
- Collaboration with maximum of **volunteers** living in the project area







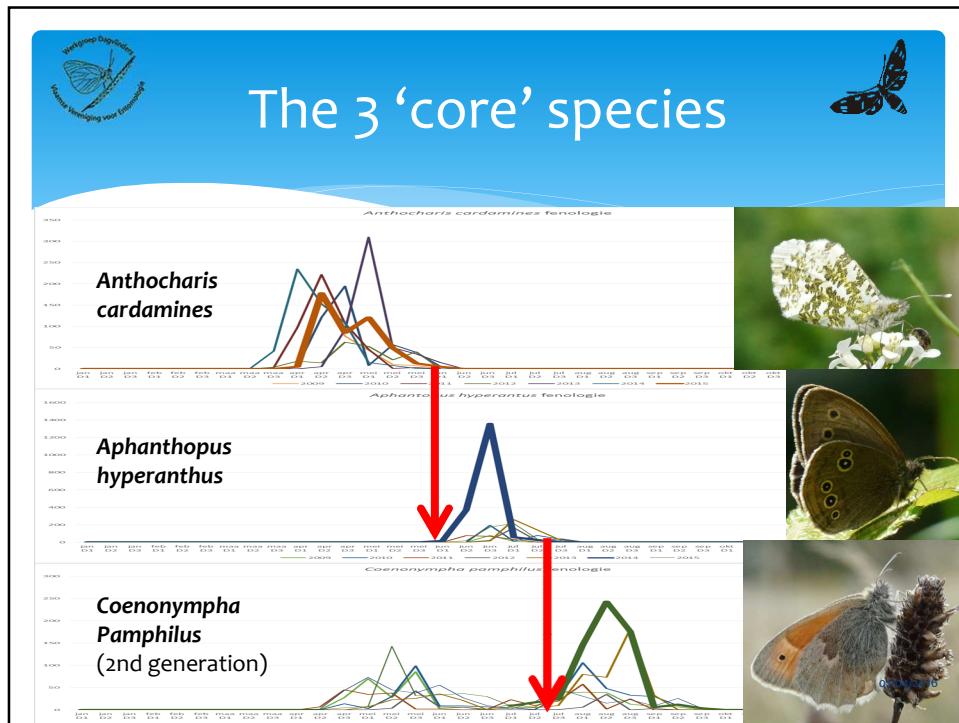
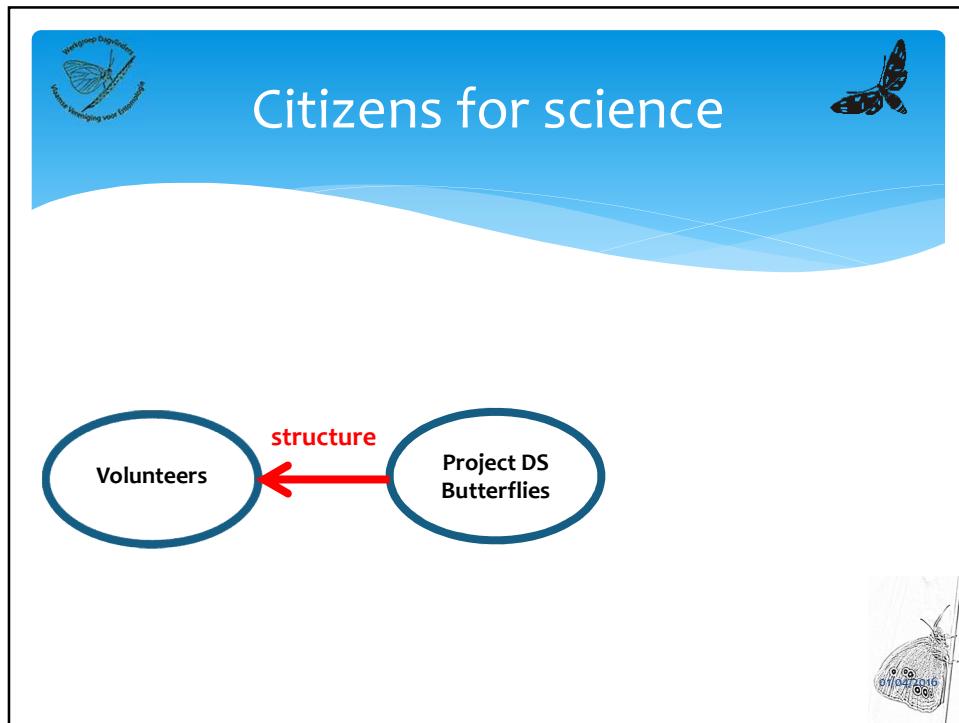


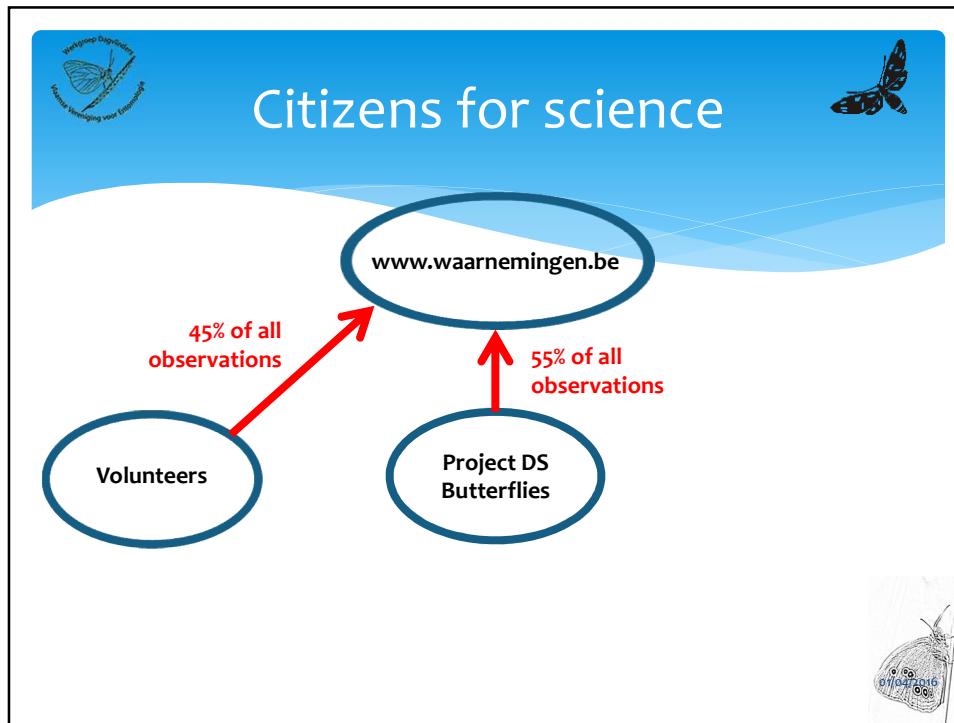


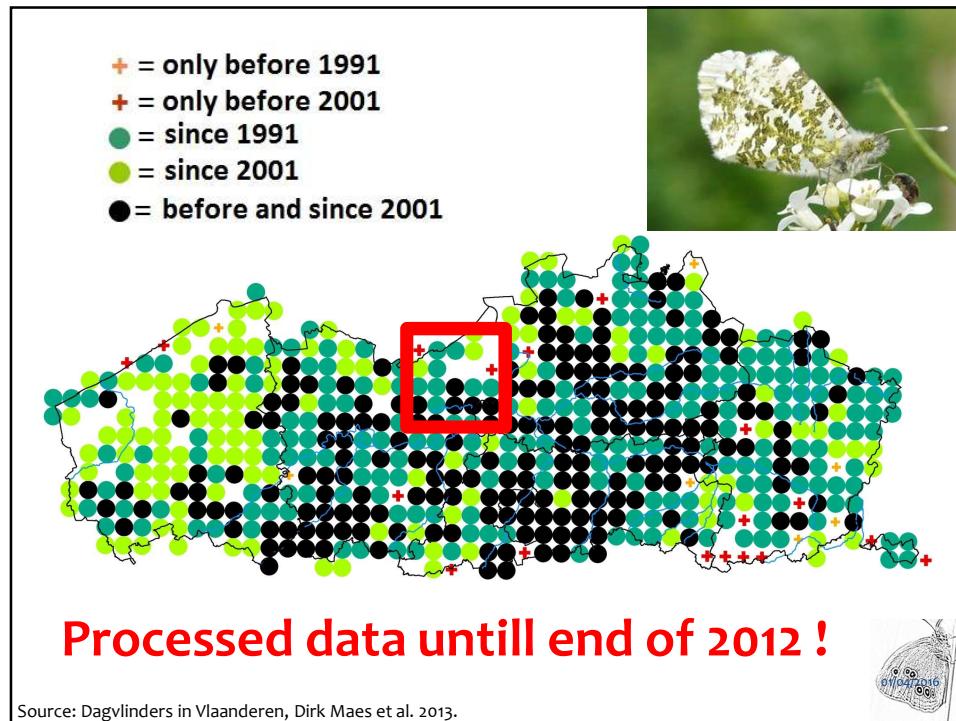
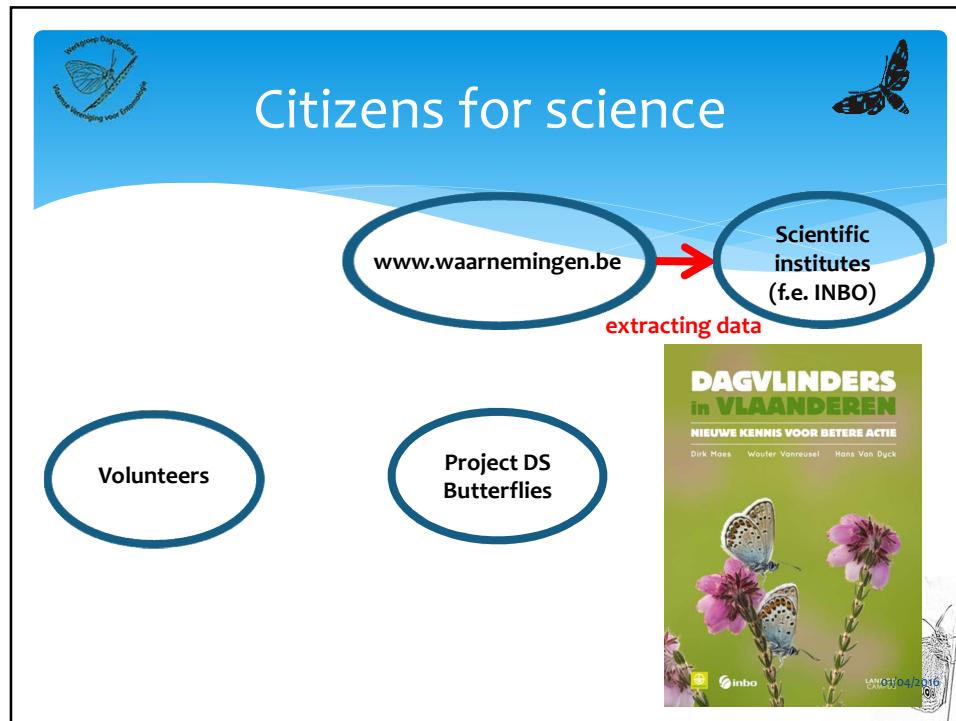
The page is divided into four main sections:

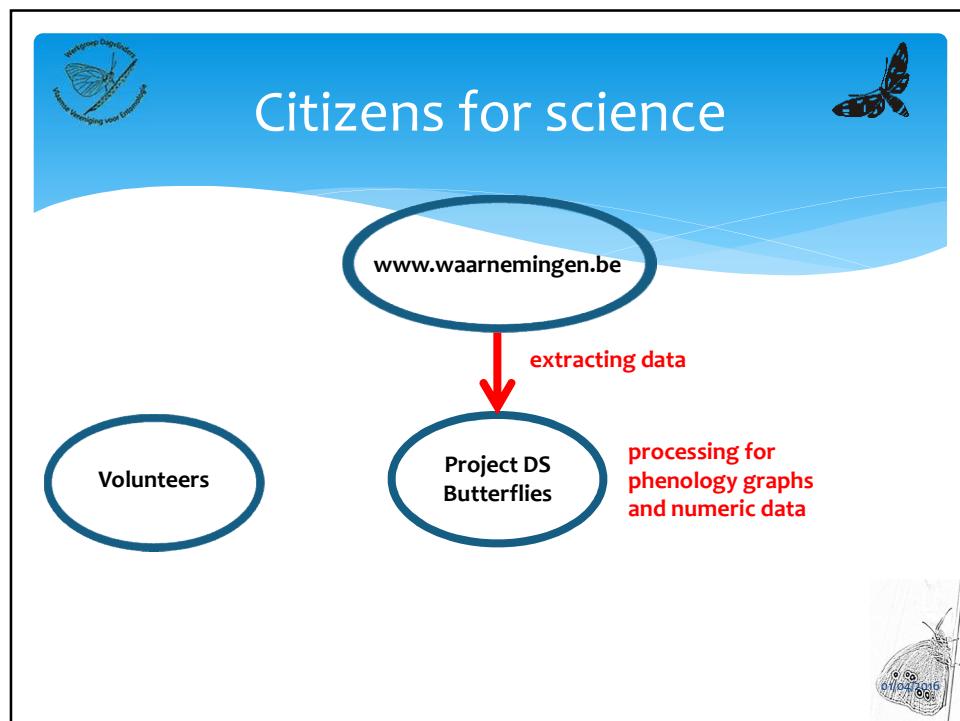
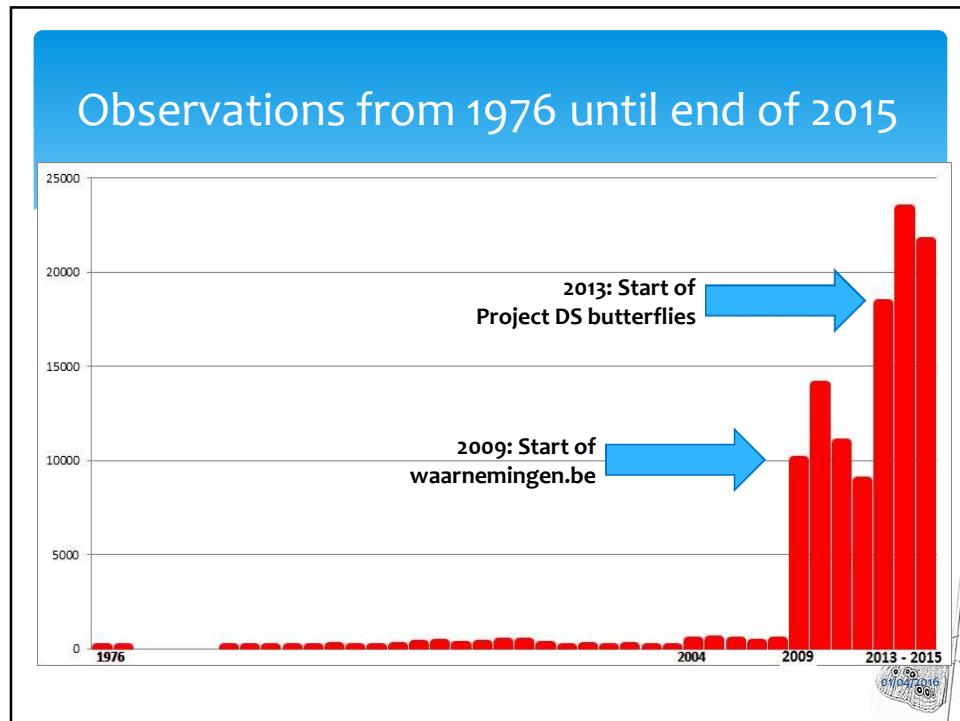
- De eerste zonnige periode.** Shows butterflies and caterpillars. Text: 'Dagvlinderflash project dagvlinders Durme- en Scheldegebied'. Includes a photo of a Peacock butterfly and a green caterpillar.
- De Sleedoornpage: nieuwe soort voor het project dagvlinders!** Shows a hand holding a caterpillar and a butterfly. Text: 'Dagvlinderflash project dagvlinders Durme- en Scheldegebied'. Includes a photo of a caterpillar and a butterfly.
- Zin in eitjes zoeken ?** Shows a tray of sticks. Text: 'Dagvlinderflash project dagvlinders Durme- en Scheldegebied'. Includes a photo of a tray filled with sticks.
- Uitkijken naar de Grote vos!** Shows a butterfly and a caterpillar. Text: 'Dagvlinderflash project dagvlinders Durme- en Scheldegebied'. Includes a photo of a caterpillar and a butterfly.

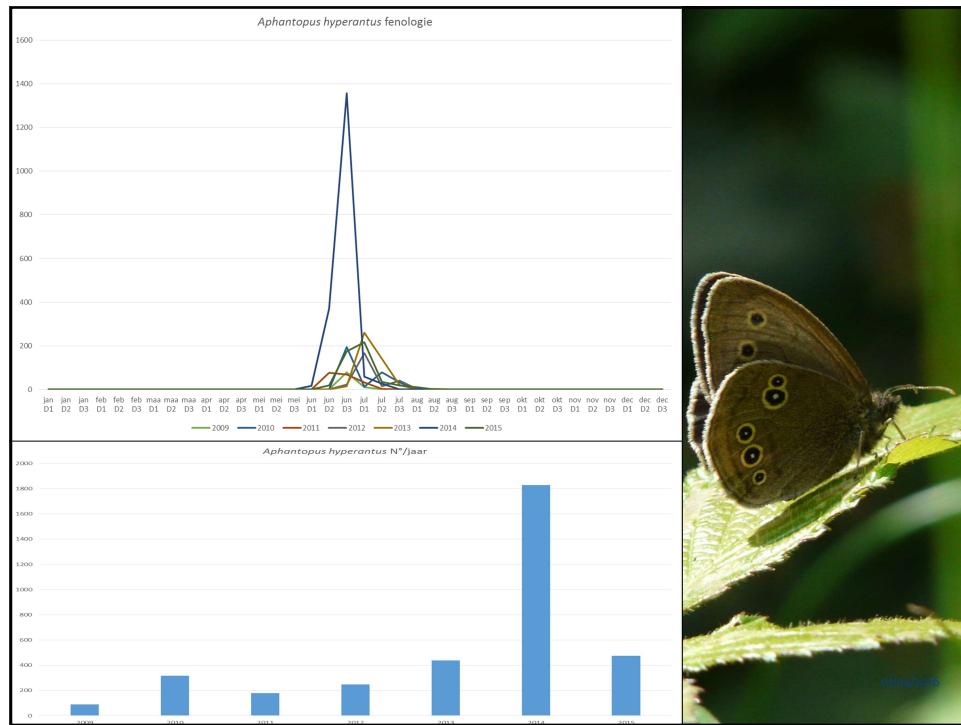
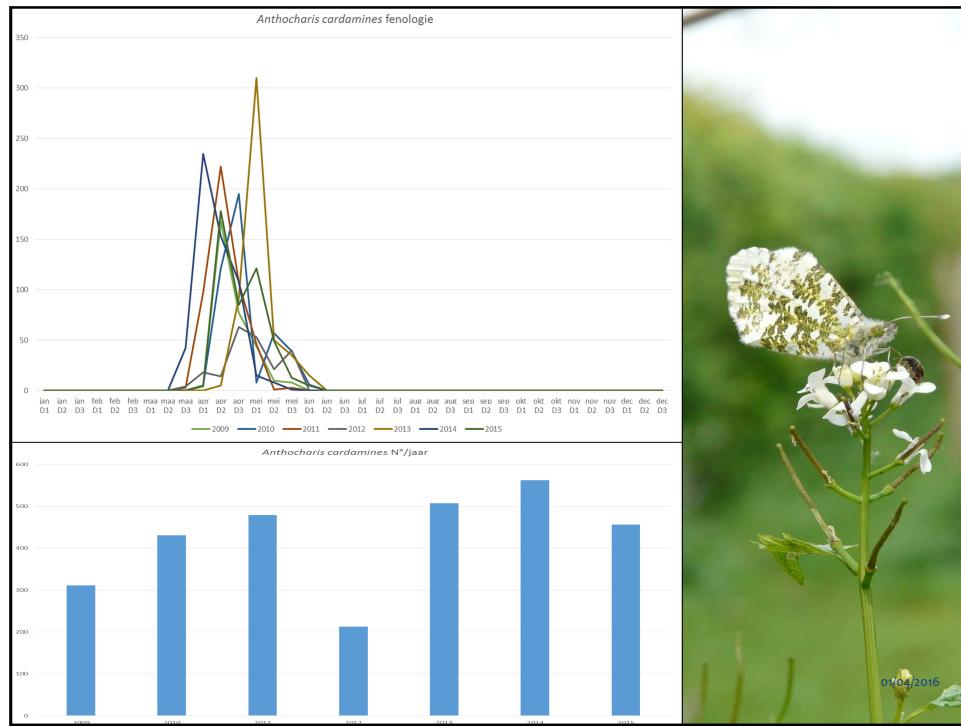
At the bottom right is a small illustration of a butterfly with a date stamp '01/04/2016' on its wing.

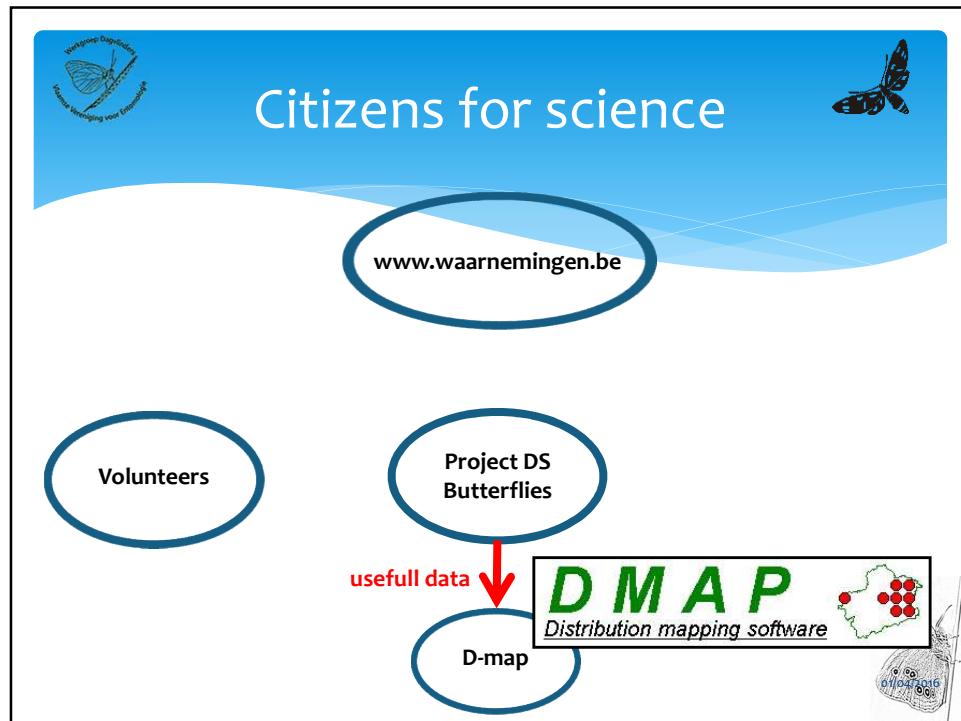
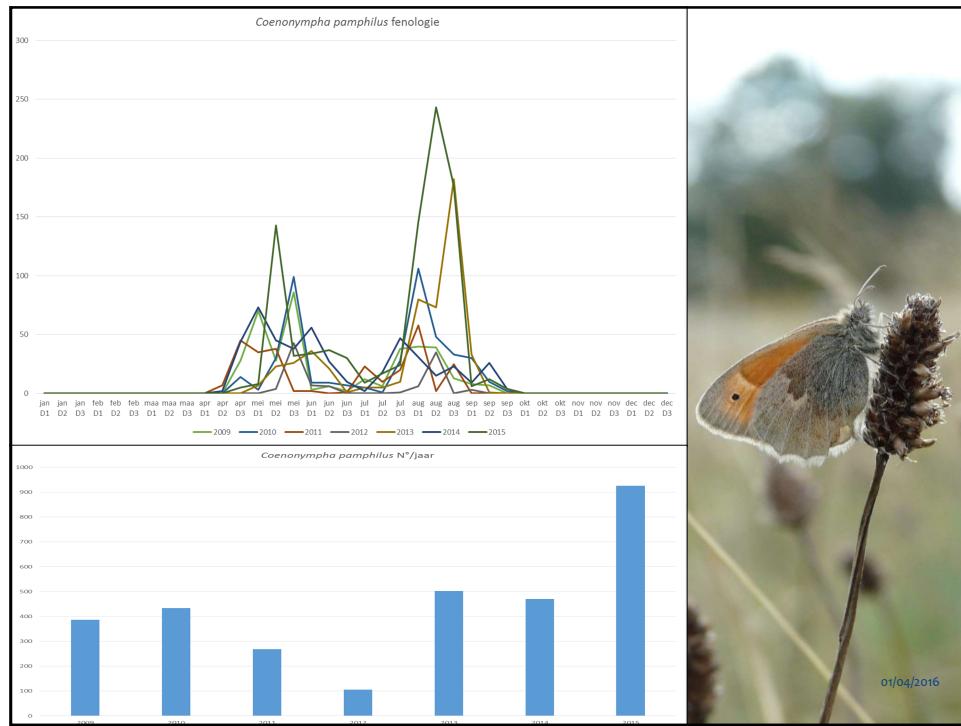


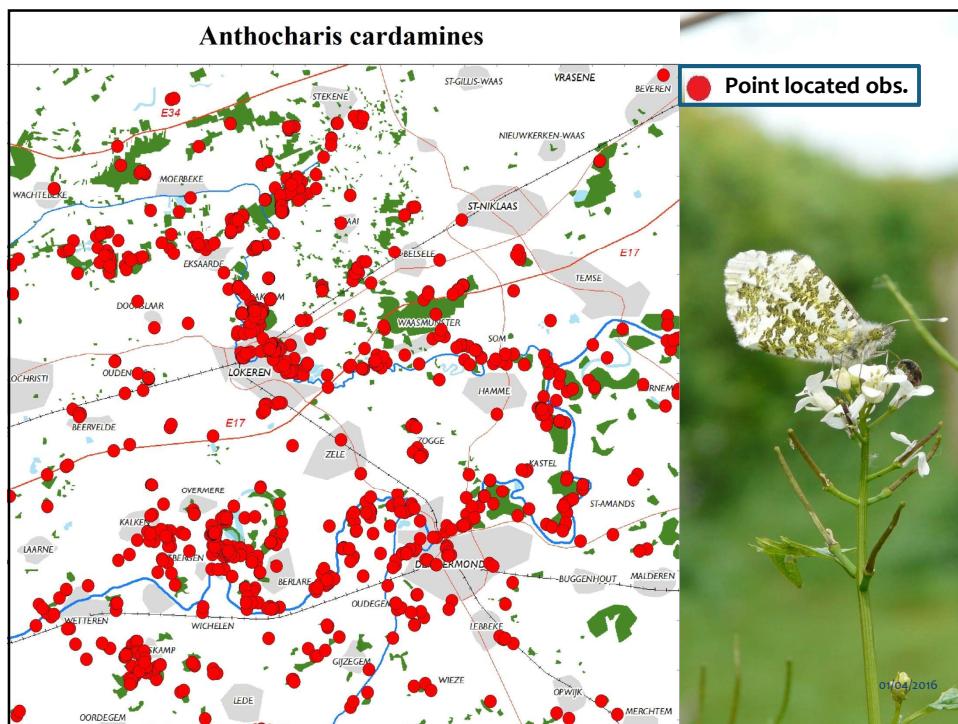
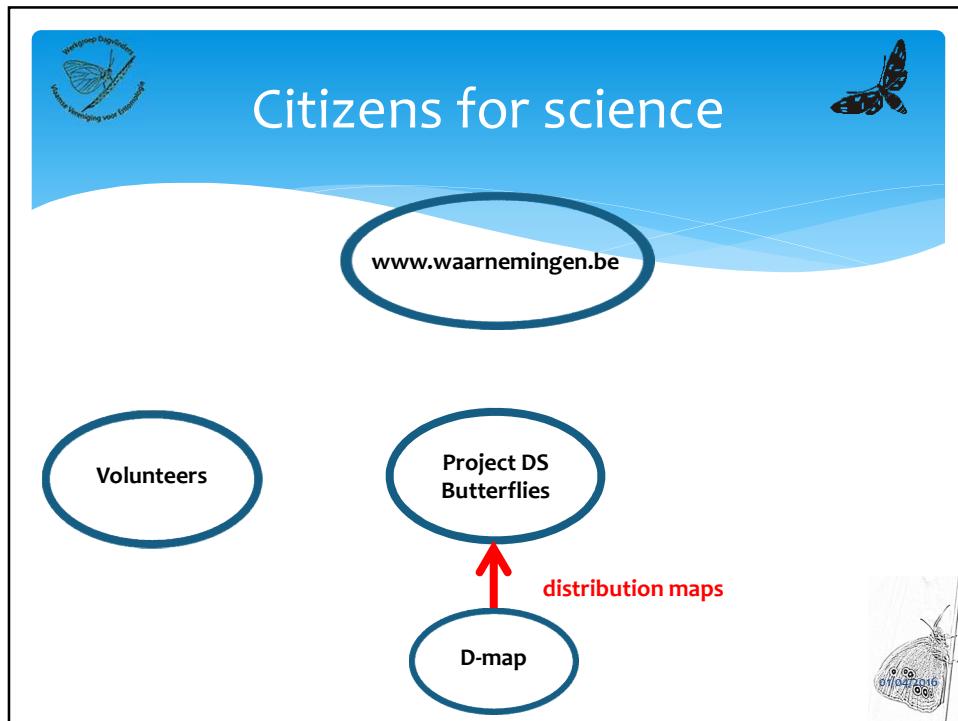


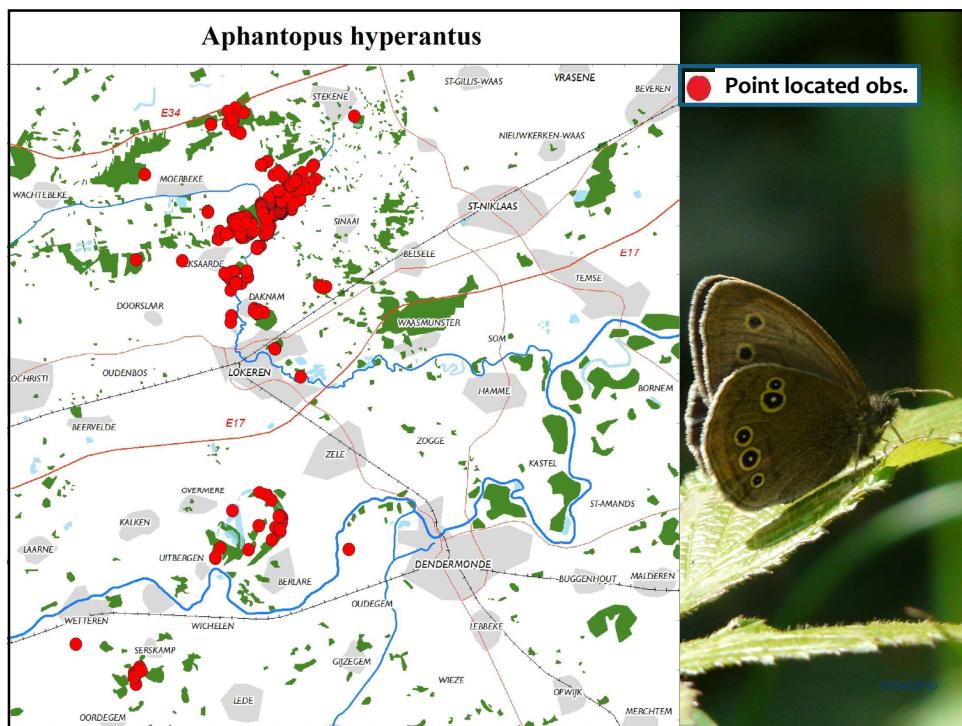
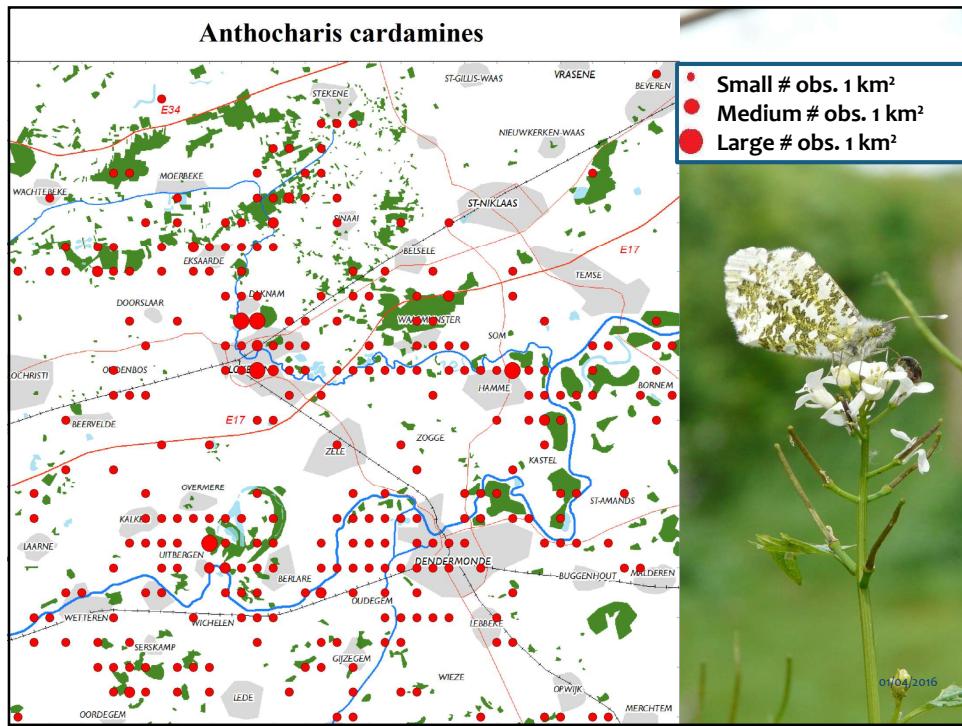


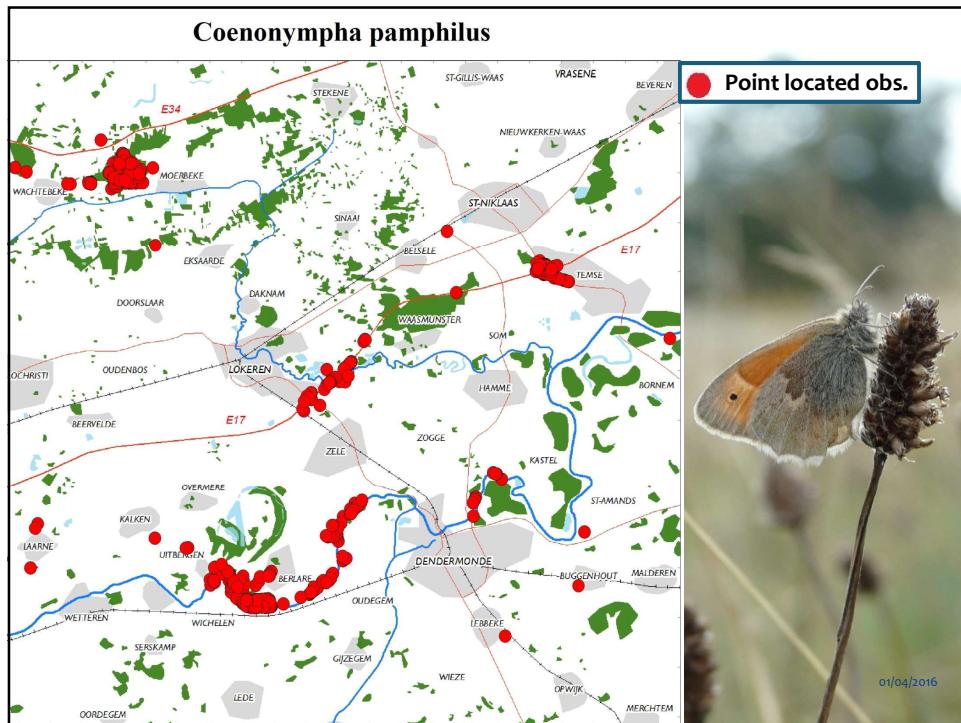
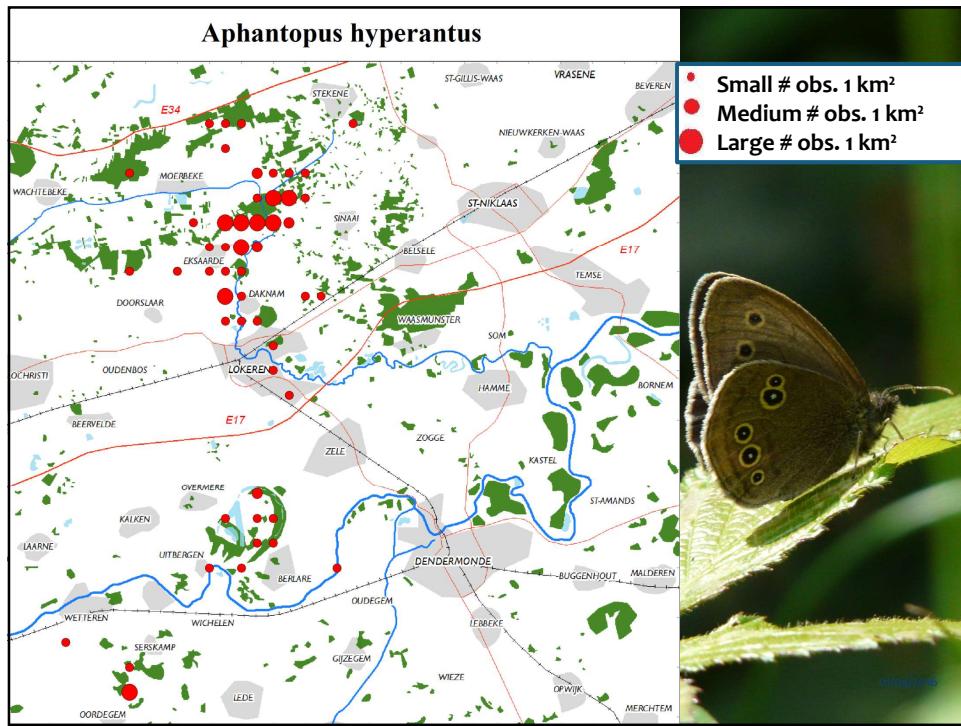


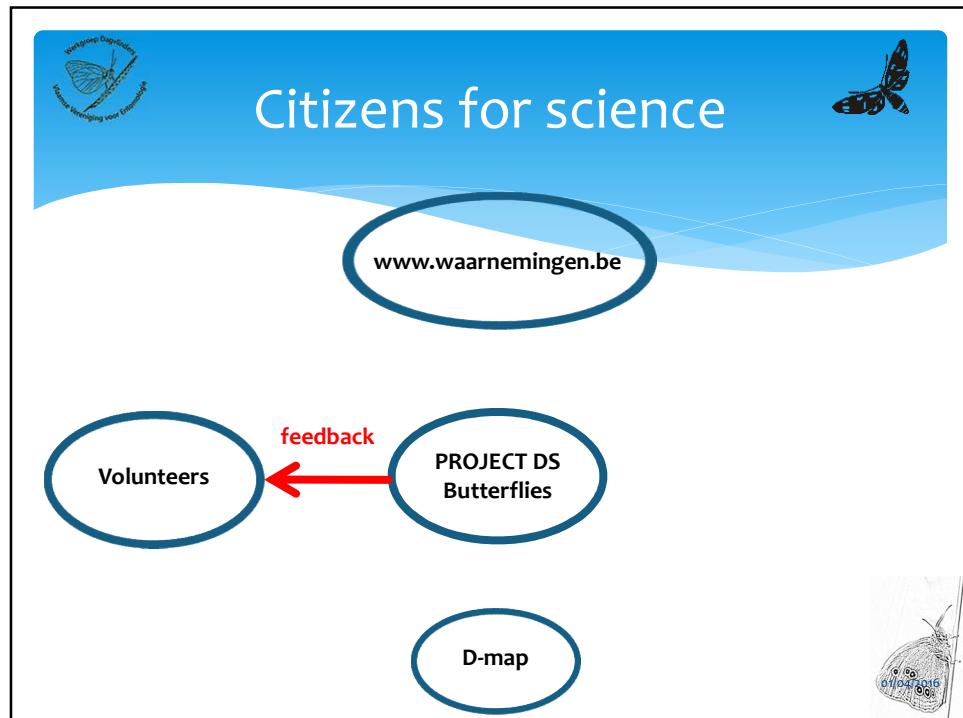
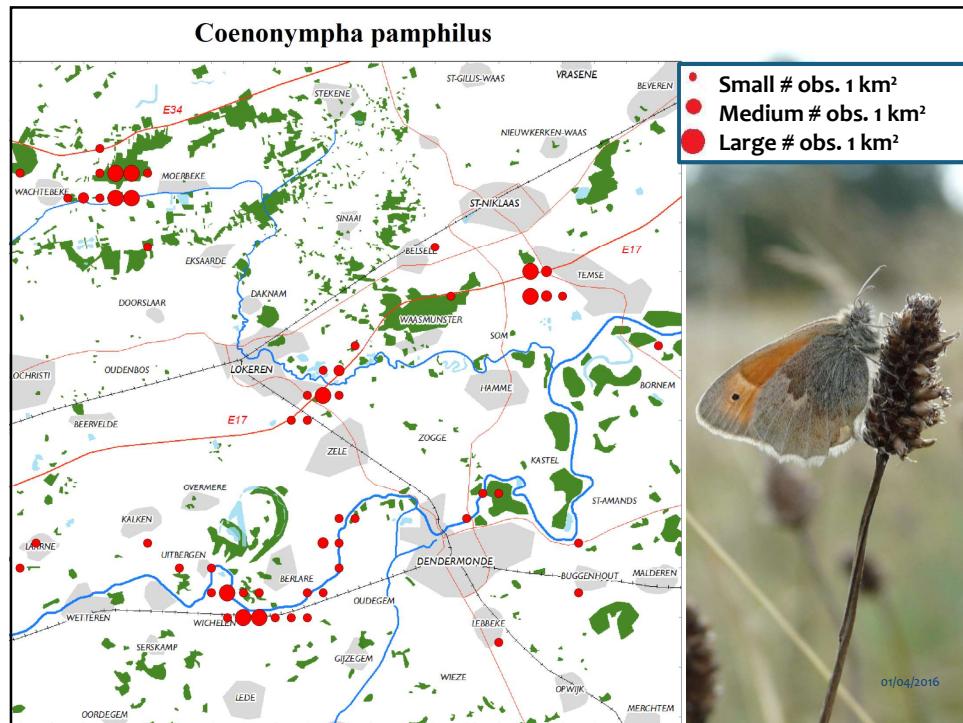


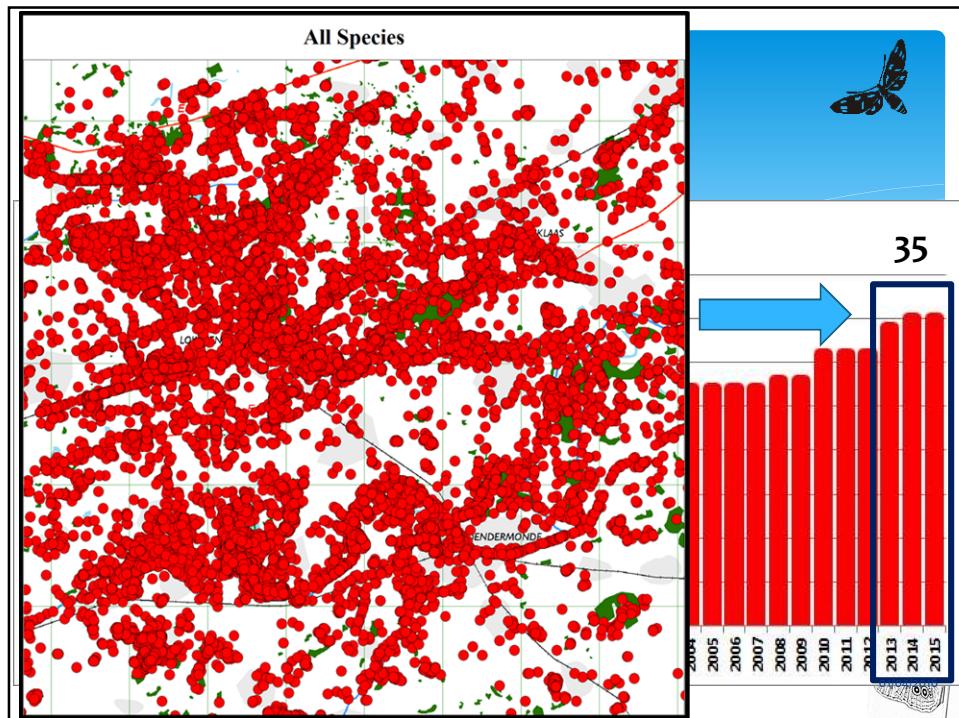
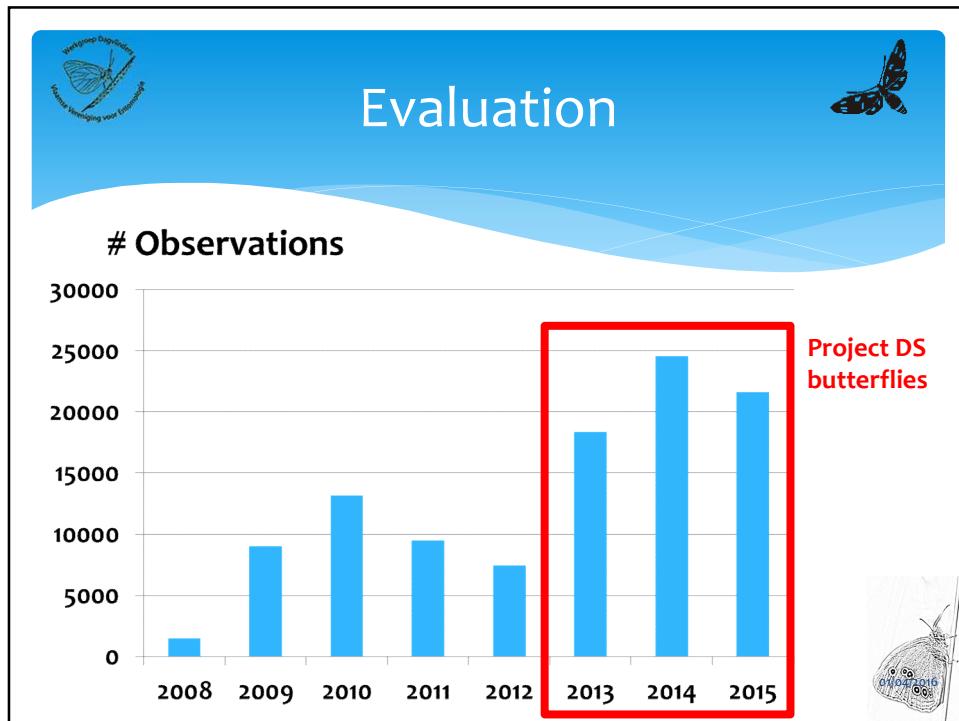














Results



**After 3 years of intensive search in the DS project
5 new species were found with a stronghold:**

- *Argynnis paphia* (Silver washed fritillary)
- *Apatura iris* (Purple emperor)
- *Limenitis camilla* (White admiral)
- *Satyrium w-album* (White letter hairstreak)
- *Carcharodus alceae* (Mallow skipper)





Results



**After 3 years of intensive search in the DS project
6 new species were found as casual observations:**

- *Leptidea sinapis* (Wood white)
- *Lampides boeticus* (Long-tailed blue)
- *Thecla betulae* (Brown hairstreak)
- *Lasiommata megera* (Wall brown)
- *Issoria lathonia* (Queen of Spain fritillary)
- *Nymphalis polychloros* (Large tortoiseshell)





Results

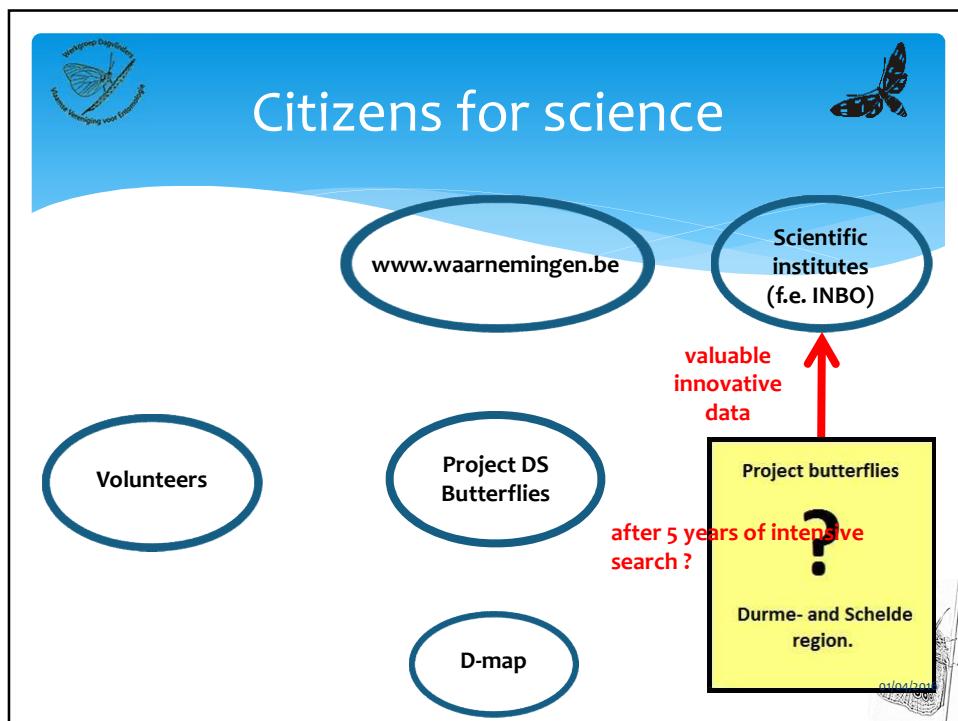


**After 3 years of intensive search in the DS project
1 species was not found:**

- *Thymelicus sylvestris* (Small skipper)









Thank you to:



- All **volunteers** for their observations
- **Wouter Van Reusel** (natuurpunt studie) for extracting data from the database www.waarnemingen.be
- All members of the **core group** for assisting, searching and organising activities
- **VVE** (Flemish Entomological Society)
- **Dirk Maes** (INBO) for the distribution maps of Flanders
- **RLSD** (sponsoring flyers, posters)
- **WAKONA** (database butterfly-flash)
- **KMI** (meteo data)
- **Vzw Durme** (meeting facilities project)
- **DMAP**: distribution mapping software: <http://www.dmap.co.uk/>

Thank you for your attention.

