

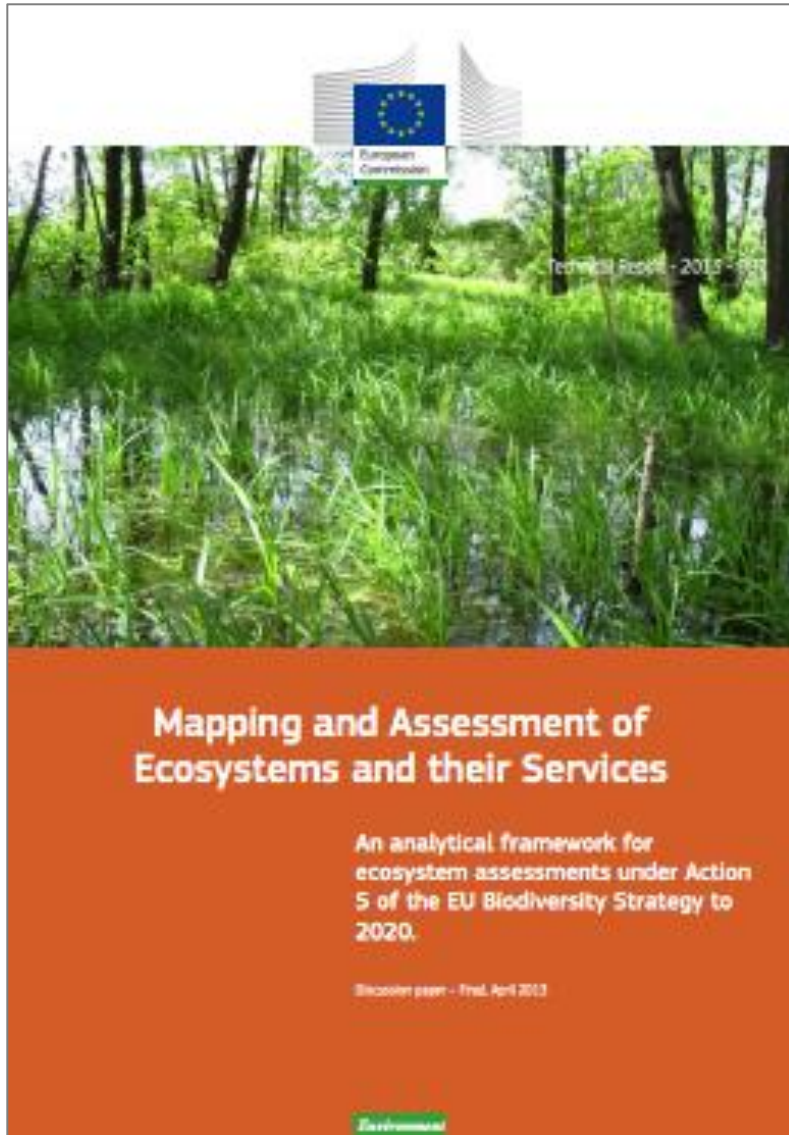


Pollinators: policy, knowledge, conservation

Vujadin Kovacevic

European Commission, Biodiversity unit

3 December 2019, ABLE, Laufen



EU biodiversity policy framework

- BDS 2020
- CBD, European Green Deal
- MAES – analytical framework
- 1st integrated assessment of ecosystems
- Pollinators – test case



EU Pollinators Initiative

- Adopted on 1 June 2018:

[COM\(2018\)395](#) + [SWD\(2018\)302](#)

High public interest

- Public consultation: > 66 000 replies
- Alarming situation: > 90%



I) Improving knowledge

- Monitoring and assessment
 - ❖ **EU common monitoring scheme + indicators, by May 2020**
- Research and innovation
 - ❖ H2020, Horizon Europe
- Knowledge sharing
 - ❖ Access to data
 - ❖ Pollinator knowledge hub – data infrastructure



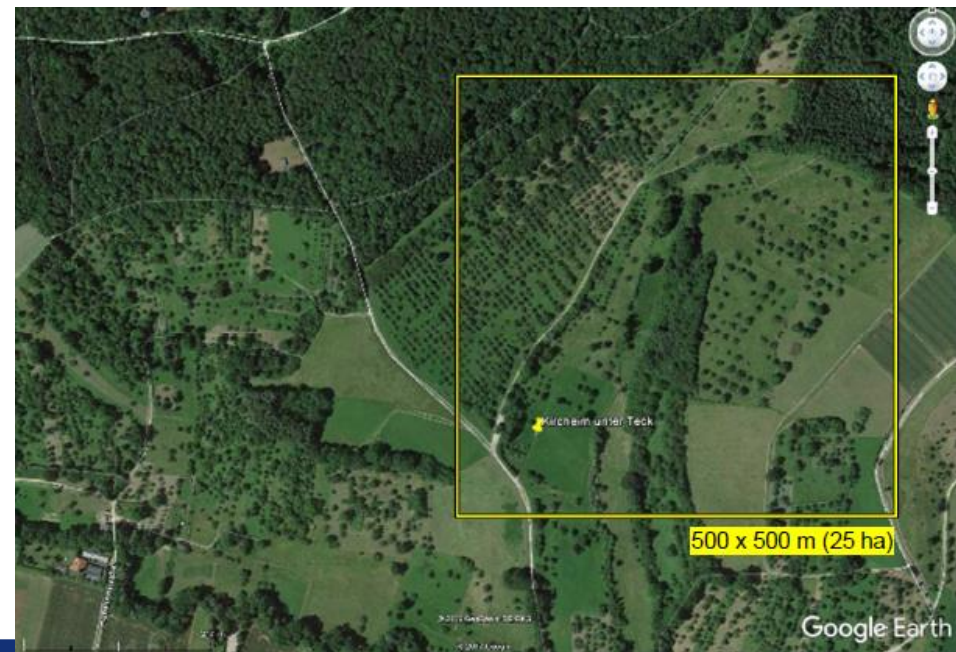
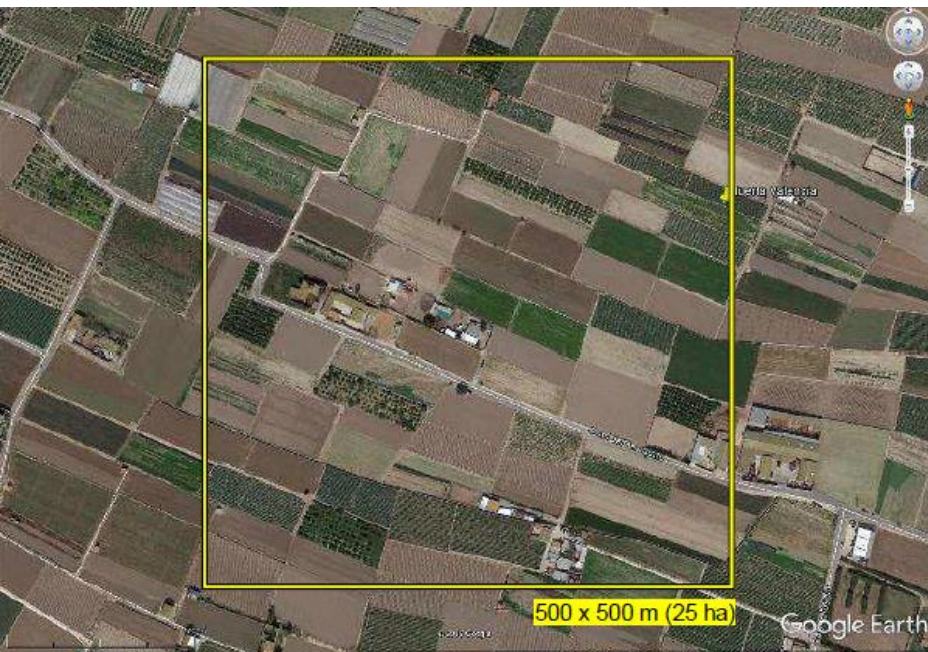
Pressures – loss of habitats

- Habitats of Community interest
- LUCAS - grassland module
- European **M**onitoring of **B**iodiversity in **A**gricultural **L**andscapes (EMBAL)

European monitoring of biodiversity in agricultural landscapes (EMBAL)

- *In situ* survey (LUCAS-inspired)
- Harmonized data collection at EU level
- Methodology in 2018
- Pilot (EUR 0.5mil): **launch in 2 days**

© IFAB





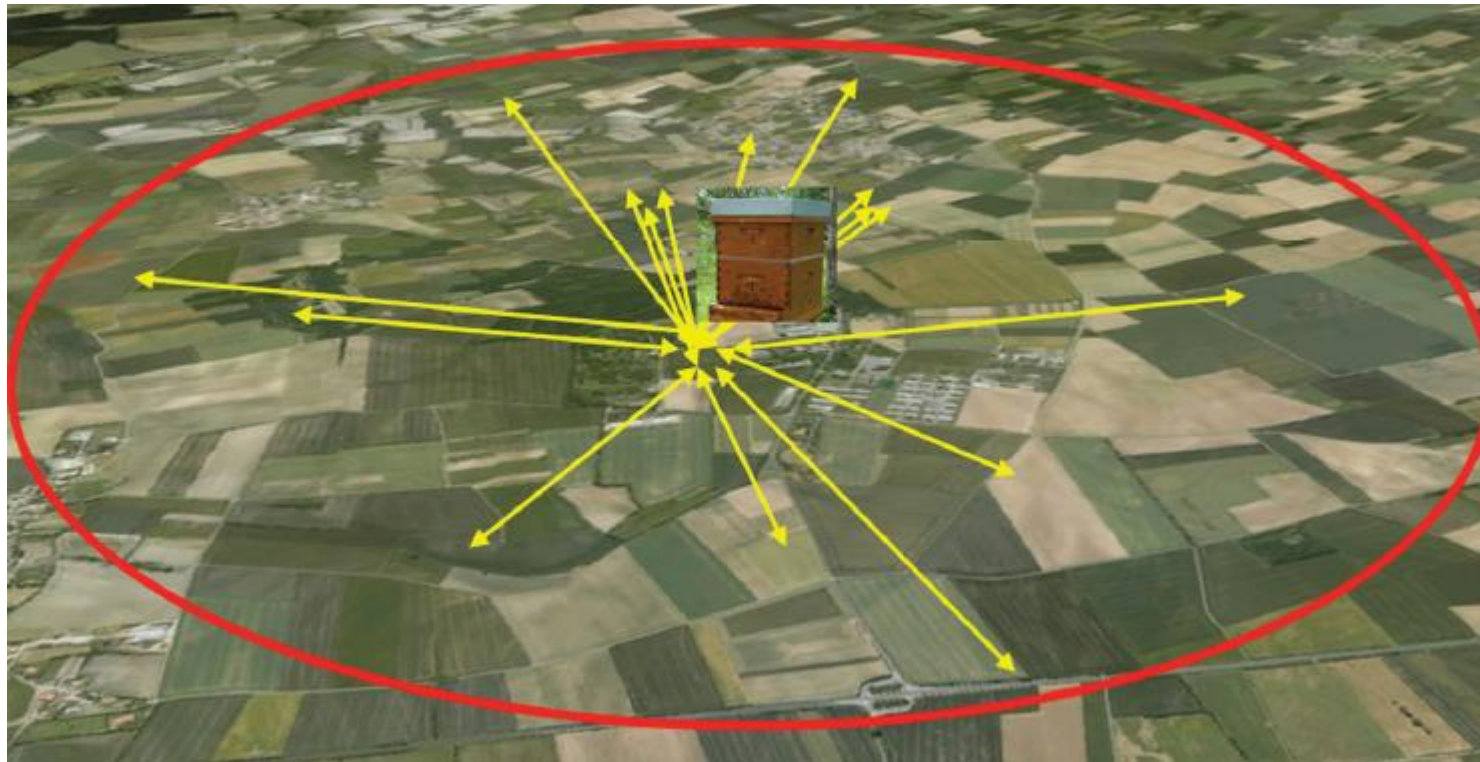
Pressures – loss of habitats

European **M**onitoring of **B**iodiversity in **A**gricultural **L**andscapes (EMBAL)

- ❖ Land use/cover
- ❖ Landscape elements + connectivity
- ❖ EUNIS habitat types
- ❖ Nature value – wild plant diversity
- ❖ *Soil biodiversity*
- ❖ *Intensification*
- ❖ *HNVF*

Pressures – pesticides

- Monitoring of pesticides through honeybee products (INSIGNIA)
 - ❖ EP pilot project 2018-2020
 - ❖ EUR 3mil for implementation
 - ❖ Potential to expand the scope: heavy metals, air pollutants etc.

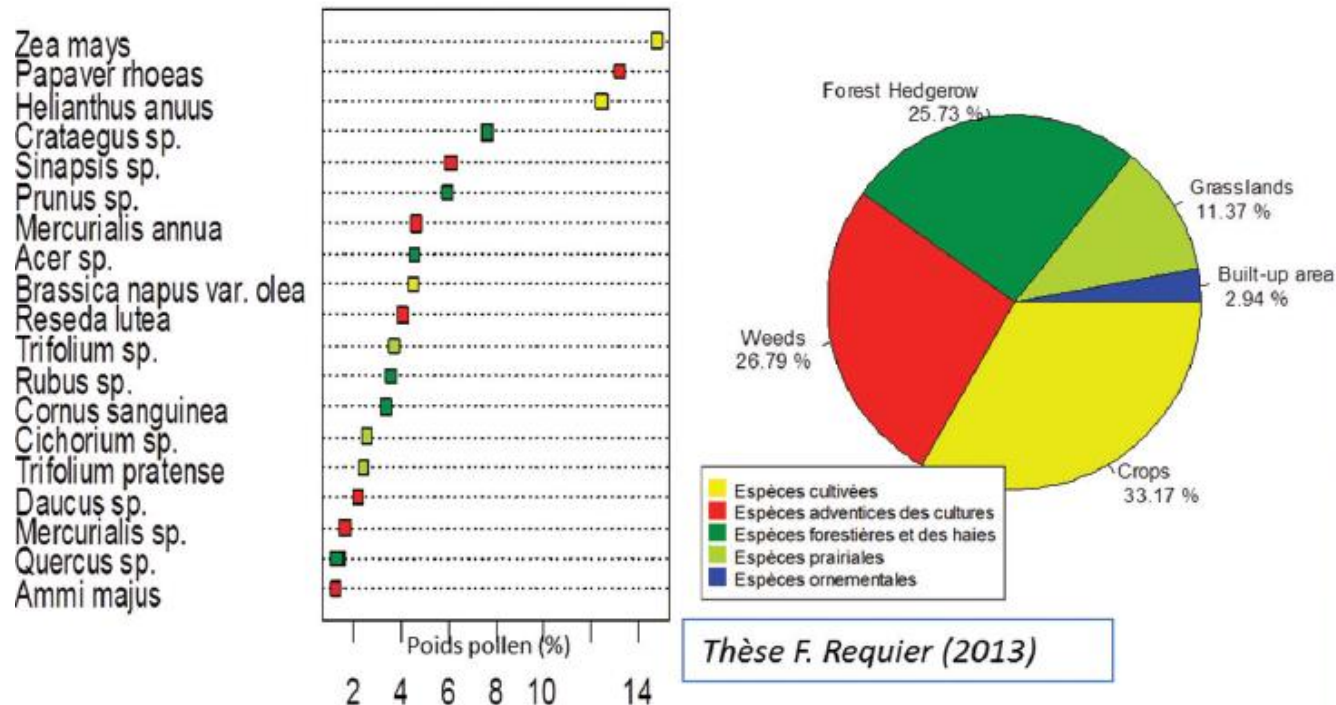


© INRA UE Apis



Pressures – pesticides

- Monitoring of pesticides through honeybee products
 - ❖ Provides in addition very good information on plant diversity





Crop pollination service

- Unlocking spatial data in public domain (INSPIRE)
- EU Common Agricultural Policy: Integrated Agricultural Control System (IACS)
- Good crop data is key!



II) Tackling causes of decline

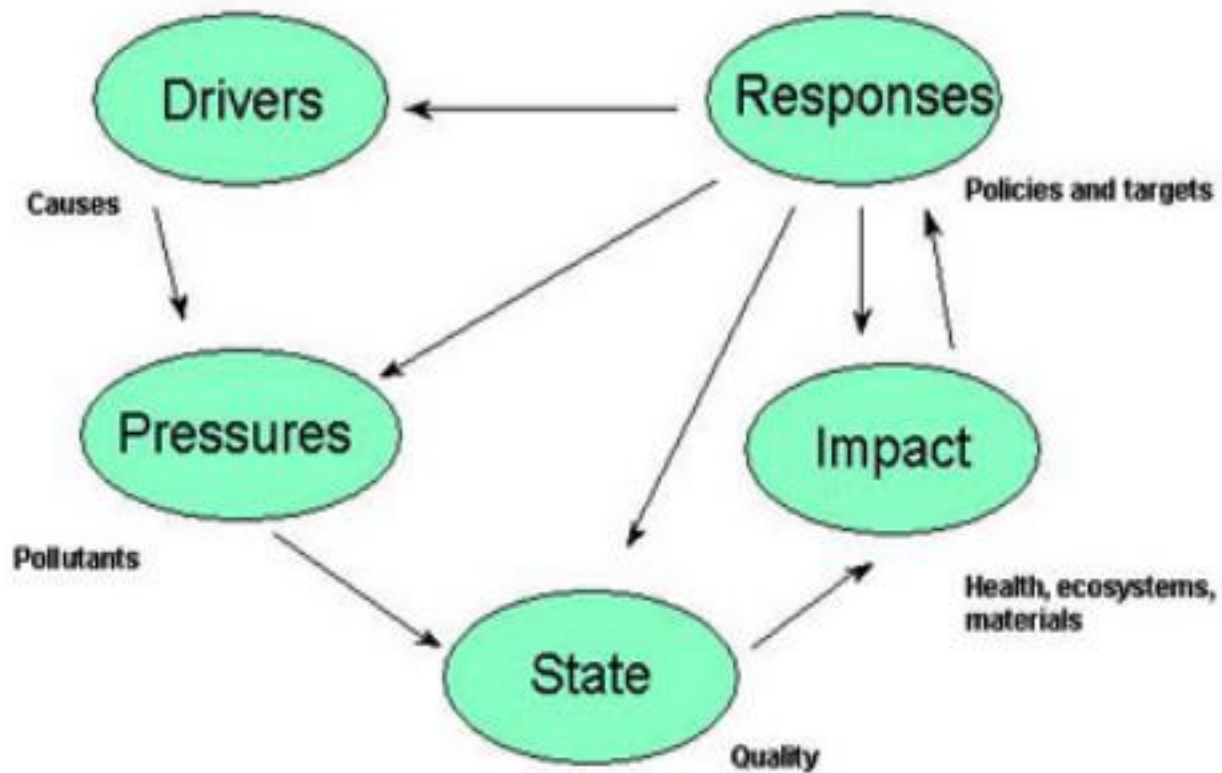
- Endangered species & habitats
 - ❖ Action Plans / LIFE
 - ❖ Conservation measures – Natura 2000
- Habitats in rural and urban areas
 - ❖ **EU Common Agricultural Policy: indicator, RBPS**
 - ❖ EU Cohesion Policy
- Pesticides
 - ❖ Authorization, restrictions, use (NAPs)
- Invasive alien species



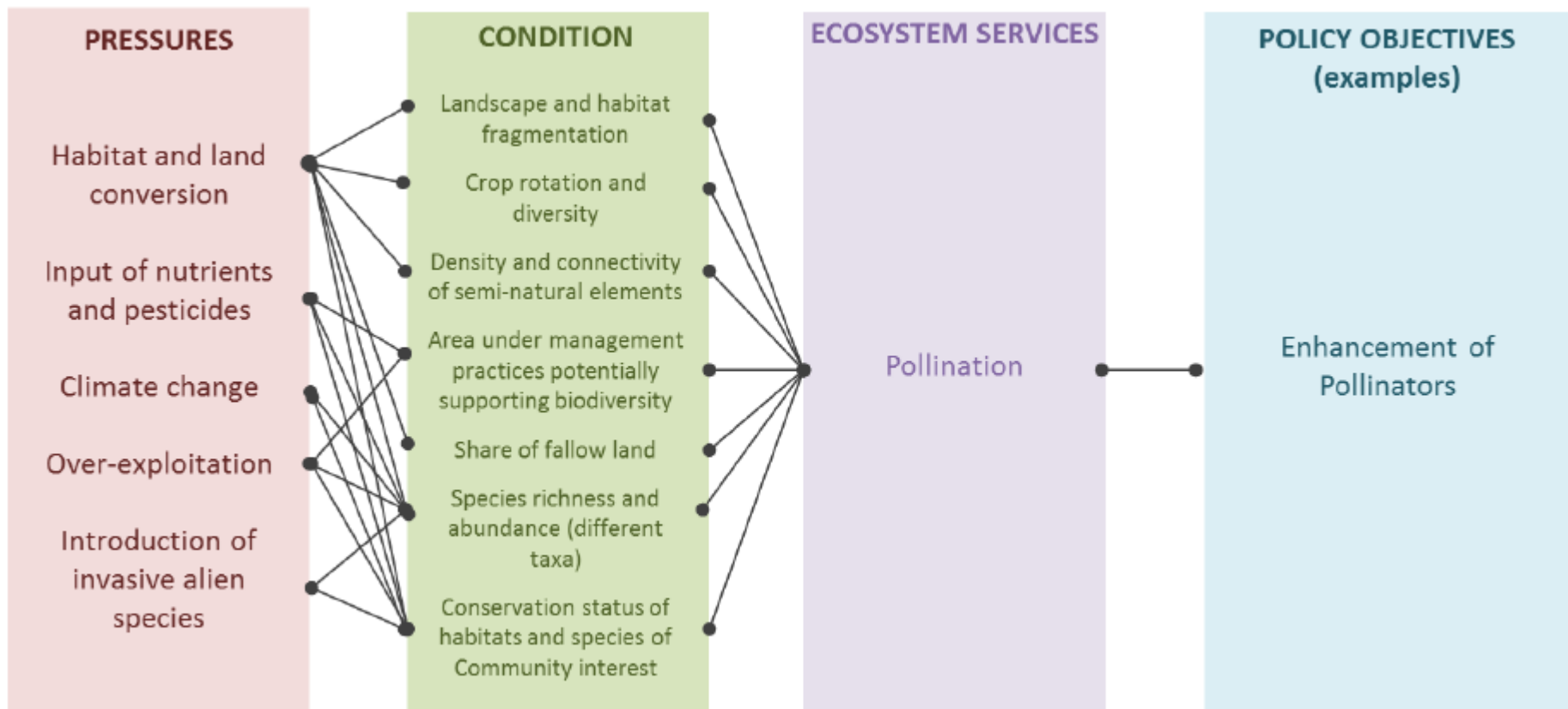
III) Engagement, collaboration

- Businesses & citizens
- Member States
 - ❖ Tools for national, regional and local pollinator strategies
 - ❖ Scoping activities (**policy response**)
- Platforms & networks
- Global action

DPSIR framework (EEA)



Integrated assessment – pollinators/pollination (MAES)





Timeline and context

- Actions by 2020 (review)
- Long-term perspective (2030)
- Joint EU-MS implementation
- European Parliament & Council support
- European Green Deal