

Introduction to big data

Mr Guillaume Pierre
European Evaluation Helpdesk for the CAP
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Introduction to big data



What is big data?

Too large, too fast, and too complex for traditional data tools to handle.

- Volume
- Velocity
- Variety



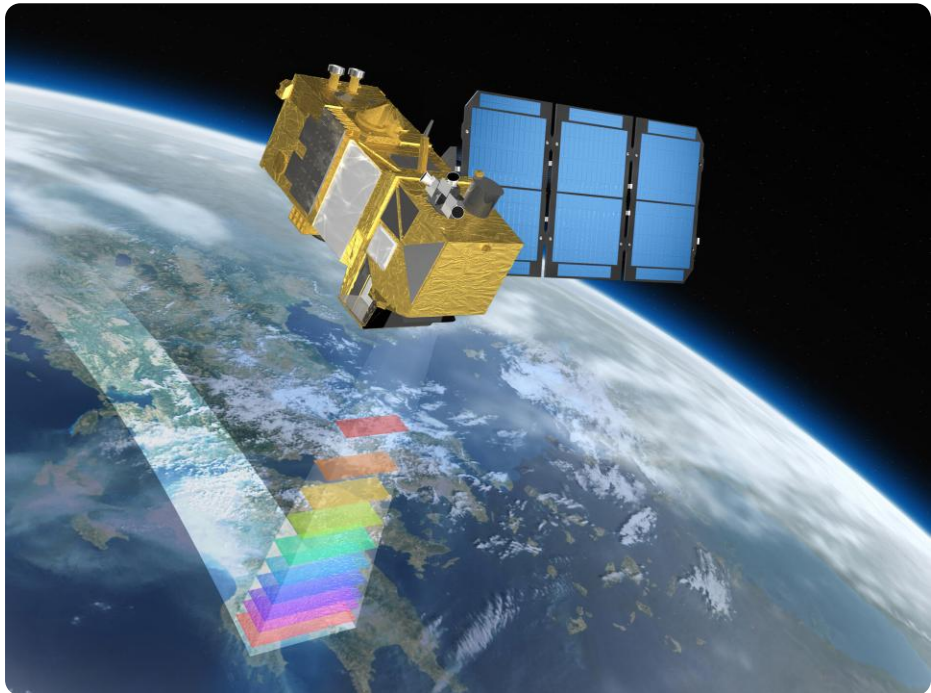
Why using big data?

Policy has become greener — our tools for evaluation must become smarter.

- The CAP has become greener
- More data is now available than ever
- The private sector is ahead



Where to find big data?

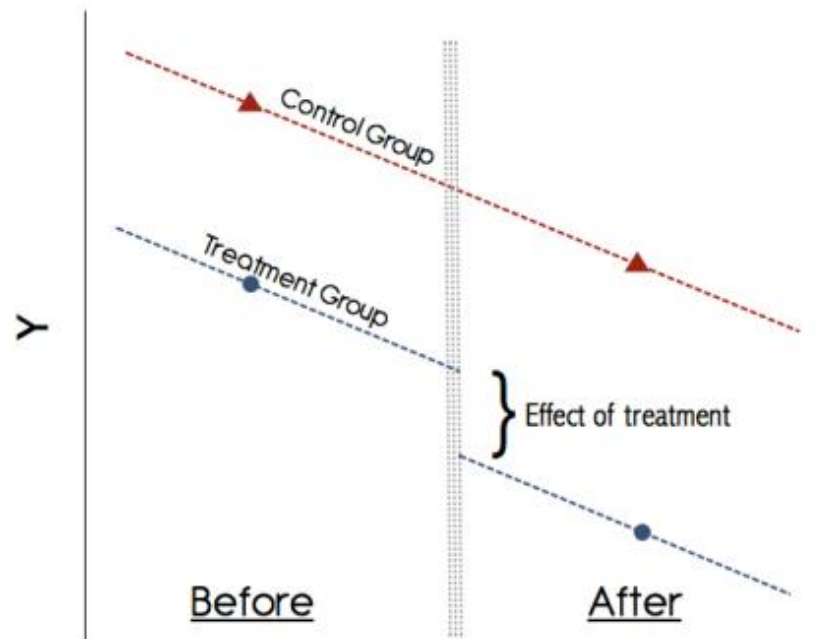


- Remote sensing : aerial imagery and satellite images.
- Weather data
- Admin data: you have it
- Large datasets (quasi big data):
 - Sensors
 - Surveys (environmental, or economic)



What for?

- Impact indicators calculations
 - Practice detection
 - Modelling of aggregates
- Impact indicators netting out
 - Estimating impact on practices or aggregates



Interesting applications outside the CAP



- Decision support
- MRVs
 - Carbon Farming
 - Biodiversity
 - Forest management
 - Certification
- Insurance

