Berlin I 02.04.2019



Tourism and environment. Towards a Reporting Mechanism in Europe

Jaume Fons-Esteve

Measuring Sustainability Tourism – Opportunities and Limitations

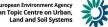


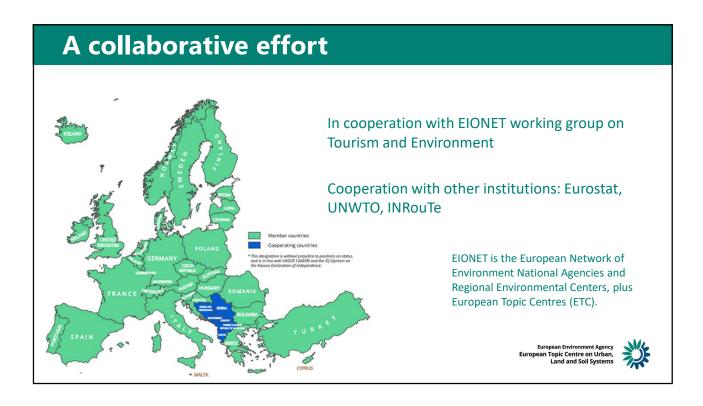


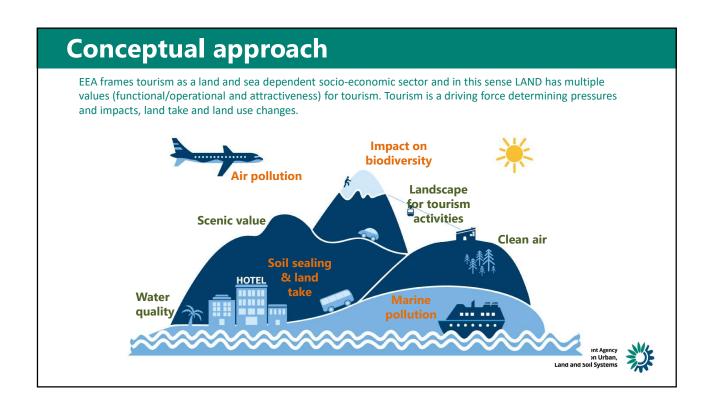


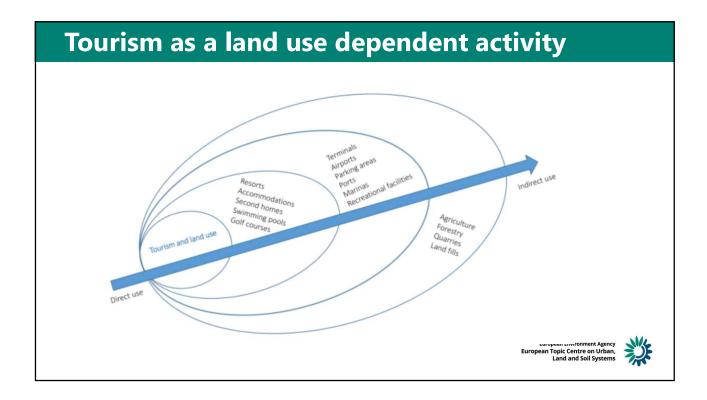
Why?

- Europe is the world's primary tourism destination and tourism Generates 10% of EU GDP. The European Union (EU) aims to promote tourism in order to maintain the region's position as a leading destination
- Nevertheless a comprehensive policy reference specifically for tourism and environment doesn't yet exist.
- Policy responses to the sustainability challenges are fragmented across large areas of EU legislation.
- **Policy fragmentation** leads to problems of **data availability**, especially with regard to environmental impacts.
- However evidence base to track progress is still fragmented!
- Within the core mission of the EEA, a comprehensive picture of tourism was missing
 in the frame of monitoring and informing on pressures and impacts as well as
 sustainability trends of European industry sectors





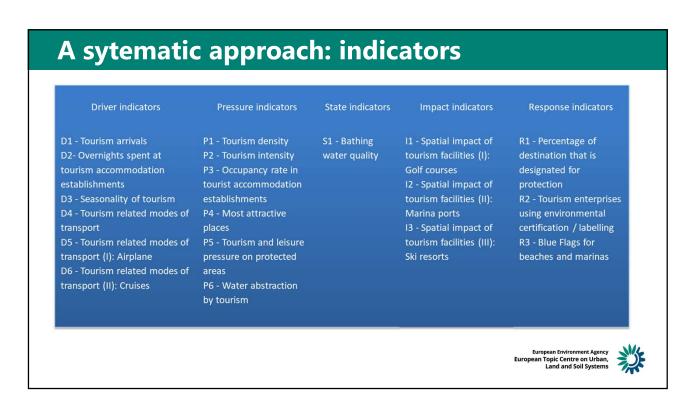


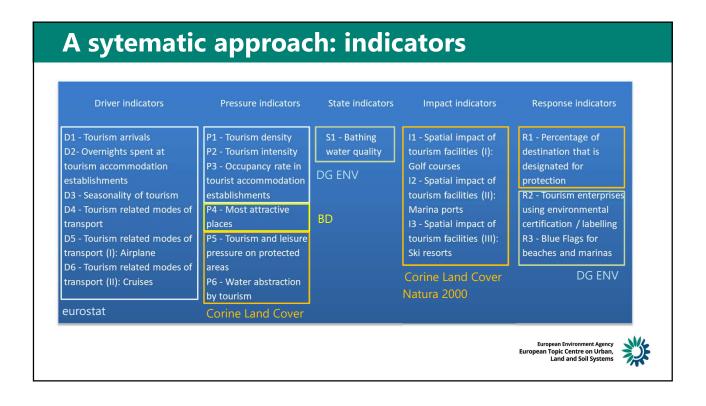


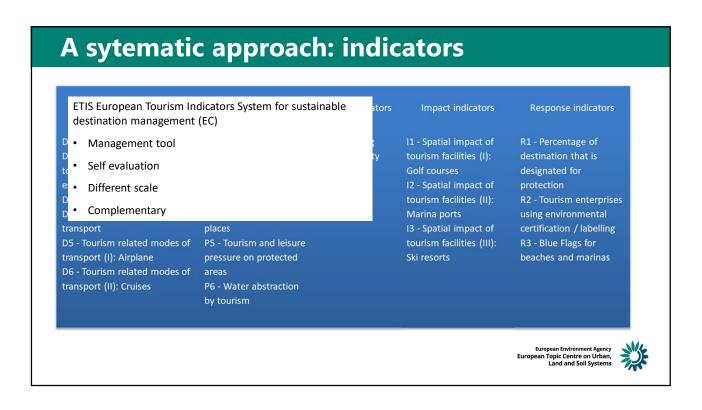
A sytematic approach: indicators

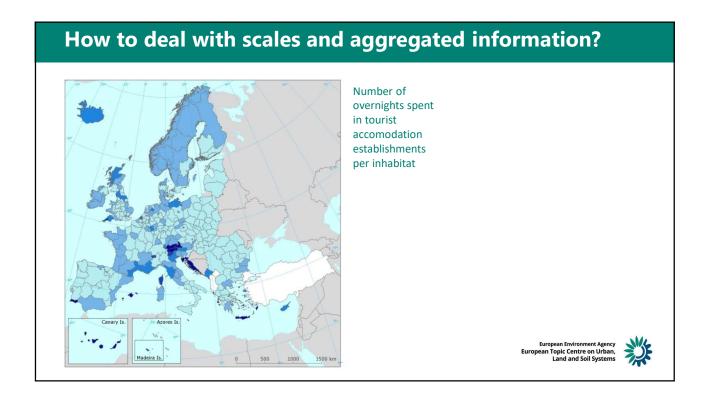
- Use existing data
- Ensure continuity (regular update)
- Learn from national initiatives

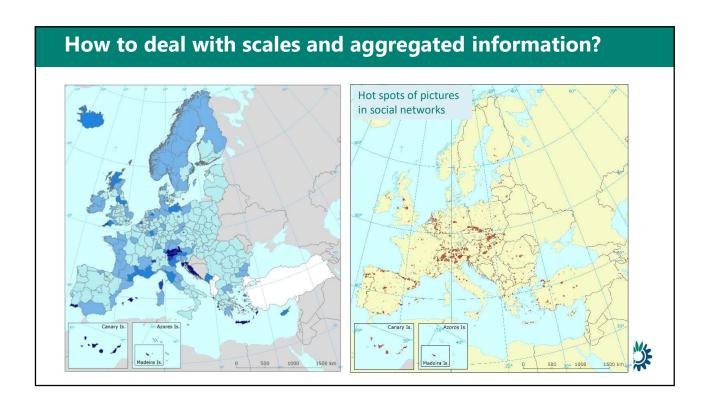


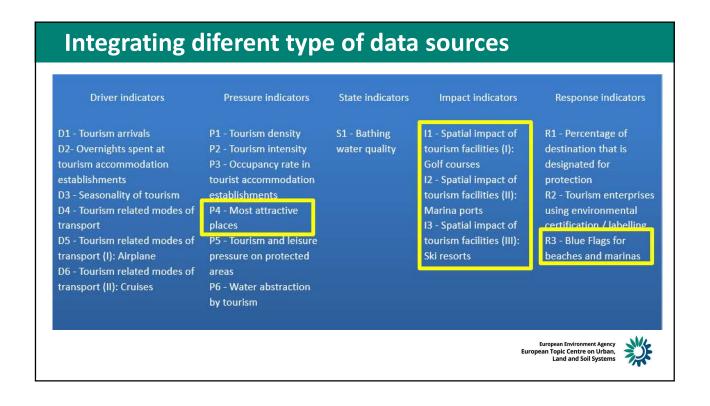












Golf courses: impact of associated infrastructure



Delineation of golf courses: OSM, web

scrapping open data

Land use change: Corine Land Cover



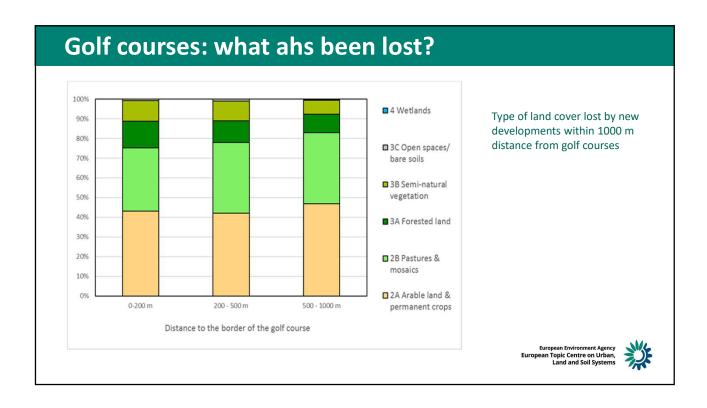
Golf courses Golf course surface Percentage of NUTS 3 surface - 0,05 - 0,15 - 0,15 - 0,15 - 0,15 - 1 -> 1 -> 1 -> 1 -> 1 -> 0,05-0.1 -> 0

Aggregated data: descriptive

Changes

5.830 ha of new infrastructure and resorts have been developed within 1 km buffer of golf courses (2012-2017)





Golf courses: different patterns

	Golf courses	Average size (ha)	Land take (00-06)	Land take (06-12)
Spain	605	31	22%	7,50%
UK	1156	96	0,76%	0,45%

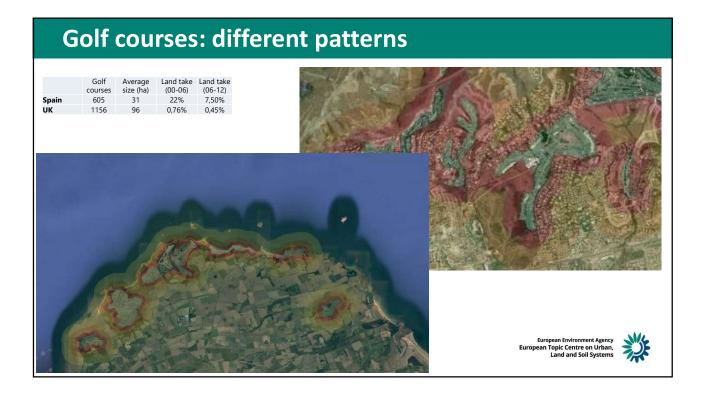


Golf courses: different patterns

	Golf courses	Average size (ha)	Land take (00-06)	Land take (06-12)
Spain	605	31	22%	7,50%
UK	1156	96	0,76%	0,45%







Challenges

Need to collect data and develop methodologies to **isolate tourism contribution** to environmental pressures deriving from waste production, water consumption, land take, air and noise pollution by different means of transport (out of available European statistics).

Low stocktaking of environmental aspects of tourism by the respective institutions responsible for the sector at national level in member countries.

Scarce rate of adoption of **strategies/plans for monitoring environmental performance** of the sector and impacts of tourist flows, despite governments' investments in attracting more and more tourists in certain destinations.



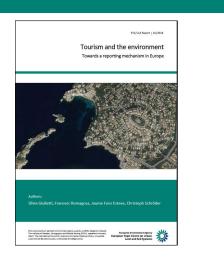
Opportunities

- Downscaling statistical data
- Integration of big data
- New data from Copernicus (e.g. data at higher resolution for the first 10 km of the coast)



Next steps

- Published report (2018)
- EIONET working group
 - SOER 2020
 - Roadmap beyond 2020



https://uls.eionet.europa.eu/Reports/TOUR_index_html



