



## **Sustainable Tourism – data and documents**

Some background documents:

1) Tourists want to travel in a more sustainable way <https://globalnews.booking.com/bookingcom-reveals-key-findings-from-its-2019-sustainable-travel-report/>

2) Tourism after COVID-19: <https://www.unwto.org/news/covid-19-response-travel-restrictions> ,  
<https://www.unwto.org/impact-assessment-of-the-covid-19-outbreak-on-international-tourism> ,  
<https://www.unwto.org/covid-19-measures-to-support-travel-and-tourism> ,  
<https://www.europarl.europa.eu/news/en/headlines/society/20200429STO78175/covid-19-eu-support-for-the-tourism-industry> , [https://ec.europa.eu/commission/commissioners/2019-2024/breton/announcements/speech-commissioner-breton-marshall-plan-european-tourism\\_en](https://ec.europa.eu/commission/commissioners/2019-2024/breton/announcements/speech-commissioner-breton-marshall-plan-european-tourism_en)

**Lesson learned and future opportunities: this is the time to reshape the tourism industry and go towards a regenerative and sustainable tourism.**

**Solutions must use a system thinking approach, involving all stakeholders and several dimensions (economic but also environmental and social) in the touristic value chain and make a smart use of technologies (Big Data, ML, AI !!!).**

Current phase: from Over tourism (see documents attached by the European Parliament and UNWTO) to absence of tourism.

### **Measurement of Sustainability, Biodiversity and Sustainable Development Goals (SDGs):**

SDGs: <https://www.unece.org/high-impact-areas/general-introduction/measuring-and-monitoring-progress-towards-the-sdgs/assessing-sustainable-development-progress.html> ;  
<https://ourworldindata.org/> ; <https://sdg-tracker.org/> ;  
<https://sustainabledevelopment.un.org/index.php?page=view&type=400&nr=2013&menu=35> ;  
<https://www.unsdsn-ne.org/our-actions/initiatives/sdg-impact-tool/> ;  
<https://sdgimpactassessmenttool.org/>

Global Destination Index: <https://www.gds-index.com/>

Biodiversity assessment tools: <https://ibat-alliance.org/> , <https://www.nhm.ac.uk/our-science/our-work/biodiversity/human-impacts-biodiversity.html> ,

[https://ec.europa.eu/environment/nature/knowledge/eu2010\\_indicators/index\\_en.htm](https://ec.europa.eu/environment/nature/knowledge/eu2010_indicators/index_en.htm)  
[https://en.wikipedia.org/wiki/Biodiversity\\_Indicators\\_Partnership](https://en.wikipedia.org/wiki/Biodiversity_Indicators_Partnership), <https://www.bipindicators.net/>,  
Nagoya protocol on biodiversity: <https://www.cbd.int/abs/about/>

EU sustainable Tourism indicator:

[https://ec.europa.eu/growth/sectors/tourism/offer/sustainable/indicators\\_en](https://ec.europa.eu/growth/sectors/tourism/offer/sustainable/indicators_en)

### **Tourism datasets:**

OECD Tourism Statistics: <http://www.oecd.org/cfe/tourism/>, [data portal](#), [Receipts and expenditure](#), [Domestic tourism](#), [Inbound tourism](#), [Outbound tourism](#), [Enterprises and employment](#), [Internal tourism consumption](#), [Key indicators in percentage](#)

UNWTO: <https://www.e-unwto.org/toc/unwtotfb/current>, <http://www2.unwto.org/content/data>

World bank:

<https://data.worldbank.org/indicator/ST.INT.ARVL><https://data.worldbank.org/indicator/ST.INT.ARVL>

EU: <https://ec.europa.eu/eurostat/web/tourism/data/database>,  
<https://ec.europa.eu/commfrontoffice/publicopinion/index.cfm/Survey/index#p=1&search=touris>  
<https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Tourism>  
[https://ec.europa.eu/eurostat/statistics-explained/index.php/Tourism\\_statistics -  
nights spent at tourist accommodation establishments](https://ec.europa.eu/eurostat/statistics-explained/index.php/Tourism_statistics_-_nights_spent_at_tourist_accommodation_establishments)

Various: <https://www.europeandataportal.eu/en/highlights/open-data-tourism>,  
<https://www.citysdk.eu/citysdk-toolkit/benefits-for-cities/>,  
<https://knoema.com/atlas/topics/Tourism/datasets>,  
<https://www.kaggle.com/tags/tourist-destinations>  
<http://tour-pedia.org/about/datasets.html>  
<https://ourworldindata.org/tourism>

### **CO2 emissions of flights**

<https://www.icao.int/environmental-protection/Carbonoffset/Pages/default.aspx>

[https://co2.myclimate.org/en/flight\\_calculators/new?allow\\_cookies=true](https://co2.myclimate.org/en/flight_calculators/new?allow_cookies=true)

<https://www.ghgsat.com/>

<https://www.atmosfair.de/en/offset/flight/>

<https://www.co2logic.com/en/services/co2-calculator>

<https://footprint.wwf.org.uk/#/>

<https://www.axios.com/coronavirus-stimulus-carbon-emissions-fc694c72-33c5-4f1b-964a-a502f10ed8e7.html>

**Ecological Footprint:**

<https://www.footprintcalculator.org/>

<https://econation.co.nz/footprint-calculators/>

<https://www.conservation.org/carbon-footprint-calculator#/>

<https://www.nature.org/en-us/get-involved/how-to-help/carbon-footprint-calculator/>

**Sustainability certification:**

<https://greenglobe.com/>

[https://ec.europa.eu/environment/emas/index\\_en.htm](https://ec.europa.eu/environment/emas/index_en.htm)

<https://ec.europa.eu/environment/ecolabel/>

<https://www.greenkey.global/>

**Earth observation tools and websites:**

[https://ec.europa.eu/growth/tools-databases/dem/monitor/sites/default/files/DTM\\_Big%20Data%20in%20Earth%20Observation%20v1.pdf](https://ec.europa.eu/growth/tools-databases/dem/monitor/sites/default/files/DTM_Big%20Data%20in%20Earth%20Observation%20v1.pdf)

<https://earth.esa.int/eogateway/>

<https://www.earthobservations.org/article.php?id=201>

[https://www.oecd.org/environment/indicators-modelling-outlooks/Earth\\_Observation\\_for\\_Decision\\_Making.pdf](https://www.oecd.org/environment/indicators-modelling-outlooks/Earth_Observation_for_Decision_Making.pdf)

<https://www.europeandataportal.eu/en/highlights/geospatial-and-earth-observation-data>

<https://eodataspace.com/>

<https://www.geospatialworld.net/blogs/future-of-earth-observation/>

<https://travelsat.me.uk/>

**UN links and Documents**

<https://www.unwto.org/global/publication/overtourism-understanding-and-managing-urban-tourism-growth-beyond-perceptions-volume--0>

## **EU links and Documents**

[https://ec.europa.eu/research/iscp/pdf/policy/barcelona\\_declaration.pdf](https://ec.europa.eu/research/iscp/pdf/policy/barcelona_declaration.pdf)

[https://www.europarl.europa.eu/RegData/etudes/STUD/2018/617461/IPOL\\_STU\(2018\)617461\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/STUD/2018/617461/IPOL_STU(2018)617461_EN.pdf)

## **EU and International organisations tourism/sustainable tourism**

Slow Tourism: <http://www.slowtourism-italia.org/>

European tourism association - ETOA: <https://www.etoa.org/>

Digital Tourism Think Tank: <https://www.thinkdigital.travel/> (they organise weekly webinars on tourism industry after COVID-19)

European Travel Commission: <https://etc-corporate.org/>

Foundation for European Sustainable Tourism: <http://www.festfoundation.eu/>

Global Sustainable Tourism Council: <https://www.gstcouncil.org/>

<https://destinationsinternational.org/> : (they organise weekly webinars on tourism industry after COVID-19)

TaveLife: [https://www.travelife.info/index\\_new.php?menu=home&lang=en](https://www.travelife.info/index_new.php?menu=home&lang=en)

Sustainable Planning & Development in the Glocal World: <http://www.ilageurope.com/>

## **Useful webinars**

<https://mailchi.mp/99905ee20bb4/webinars-on-sustainable-tourism-covid-19?e=9bdf3dff30>

## **Best Practices tools/websites of start-ups:**

GreenVago ( Italian winners of Climathon 2019 organised by ClimateKic): <https://greenvago.org/>

<https://flockeo.com/en/>

<https://www.biohotels.info/it/>

<https://www.atmosfair.de/en/offset/flight/>

<https://doconomy.com/en>

<https://greenglobe.com/>

<https://www.fairtrip.org/about>

<https://greenseat.nl/en/>

<https://eatyourworld.com/>

<http://www.greentravelchoice.com/>

<https://greenglobe.com/>

<https://iphone.appstorm.net/reviews/lifestyle/its-easy-being-green-with-inbloom/>

<https://www.ecosia.org/>

### **Apps:**

- green genie
- GoodGuide
- Carbon Tracker
- Find Green
- Get Green
- This is green
- BreadCrumbz

### **What about social dimension?!?:**

Human rights play also a role in the sustainability frame

<http://www.fairtrade.travel/home/>

### **EU funds:**

[https://ec.europa.eu/growth/content/guide-eu-funding-tourism-sector-updated-version\\_en](https://ec.europa.eu/growth/content/guide-eu-funding-tourism-sector-updated-version_en)

<https://ec.europa.eu/easme/en/section/cosme/cos-tourcoop-2019-3-01-boosting-sustainable-tourism-development>

<https://sustainable-tourism.interreg-med.eu/>

<https://climathon.climate-kic.org/>, <https://italy.climate-kic.org/>

<https://italy.climate-kic.org/events/climathon-2019-hackathon-cambiamenti-climatici/>

<https://climathon.climate-kic.org/>

<https://ec.europa.eu/easme/en/section/sme-instrument/eic-accelerator-funding-opportunities>

[https://ec.europa.eu/info/research-and-innovation/research-area/industrial-research-and-innovation/key-enabling-technologies/artificial-intelligence-ai\\_en](https://ec.europa.eu/info/research-and-innovation/research-area/industrial-research-and-innovation/key-enabling-technologies/artificial-intelligence-ai_en)

UN funds:

<https://www.unwto.org/healing-solutions-tourism-challenge>

Last but not least:

<http://www.techforgood.global/>

<https://goodtourismblog.com/>

<https://www.globalecotourismnetwork.org/>

<https://ecotourism.org/>

<https://isto.international/> , *E-week of Fair and Sustainable Tourism for All:*

<https://isto.international/virtual-week/>

*Eco-Hotels summit:* <https://www.ecohotelsummit.com/>

## **Relevant documents**

European Parliament studies on over tourism and European tourism labelling:

[https://www.europarl.europa.eu/RegData/etudes/STUD/2018/629184/IPOL\\_STU\(2018\)629184\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/STUD/2018/629184/IPOL_STU(2018)629184_EN.pdf)

[https://www.europarl.europa.eu/RegData/etudes/STUD/2018/617461/IPOL\\_STU\(2018\)617461\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/STUD/2018/617461/IPOL_STU(2018)617461_EN.pdf)

European Commission (EUROSAT) paper on Big Data for official statistics:

<https://ec.europa.eu/eurostat/documents/7894008/8031877/Pages+from+KS-04-15-737-EN-N.pdf>

[http://nt17.pg2.at/data/abstracts/abstract\\_175.html](http://nt17.pg2.at/data/abstracts/abstract_175.html)

UNWTO publications on over tourism:

<https://www.e-unwto.org/doi/pdf/10.18111/9789284420070>

<https://www.e-unwto.org/doi/book/10.18111/9789284419999>

<https://www.e-unwto.org/doi/book/10.18111/9789284420629>

<https://www.e-unwto.org/doi/book/10.18111/9789284419340>

...and some articles:

<https://www.thenationalherald.com/227232/european-parliament-report-says-overtourism-ruining-santorini/>

<https://www.cstt.nl/Projects/Research-study-on-Overtourism--impact-and-possible-policy-responses/30>

<https://www.placemanagement.org/4779.aspx>

<https://www.emerald.com/insight/content/doi/10.1108/WHATT-06-2019-0044/full/html#loginreload>

<https://edition.cnn.com/travel/article/overtourism-europe-2020-destination-measures/index.html>

<https://www.insider.com/places-europe-ruined-overtourism-last-decade-2020-1>

<https://edition.cnn.com/travel/article/least-visited-countries-travel/index.html>

<https://www.nationalgeographic.com/travel/features/overtourism-alternative-destinations-to-visit/>

<https://www.onceinalifetimejourney.com/inspiration/worlds-20-least-visited-countries/>

<https://www.farandwide.com/s/least-visited-countries-a103798e095a4ea3>