

10 GOOD HABITS

TO LIMIT DATA'S ENVIRONMENTAL IMPACT

CPENDATA
FRANCE



Initiate and lead a process to coordinate and share these open and sustainable practices.

1

Prioritize the publication of datasets according to their level of interest and make pragmatic choices.

2

Standardize datasets to ensure their interoperability and usefulness.

3

Choosing to do differently, less or not at all.

Digital technology (including data opening) and its availability and associated services, are sources of a significant environmental footprint. In order to reduce this negative externality, these good habits target data sobriety.

Consider a sustainable way to limit the replacement and technological stacking, or even the rebound effect. First and foremost and at all times, we must question the need to collectively evaluate the relevance of producing, publishing and maintaining certain datasets.

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Accurately document metadata to facilitate data management and reuse.

4

Offer a temporal and geographical granularity and scope to limit data flows and unnecessary downloads.

5

Reduce data volume to limit data storage and exchange flows.

6

Provide API access to data to facilitate dynamic data collection and reduce data transmission.

7

Make data discovery easily accessible and avoid duplication of data sets.

8

Implement an archiving process to ensure data integrity.

9

Control data hosting with the help of the European code of conduct for data centers.

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