



Lab on Geographic Information Science for
sustainable development and smart cities



ÉCOLE NATIONALE
DES SCIENCES
GÉOGRAPHIQUES



INSTITUT NATIONAL
DE L'INFORMATION
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ET FORESTIÈRE

Geodata quality and nation-wide DT

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LaSTIG, Univ Gustave Eiffel, IGN-ENSG, EuroSDR

**Workshop Nation-wide Digital Twins
Delft - June 13th 2023**

quality

degree to which a set of inherent **characteristics** (3.10.1) of an **object** (3.6.1) fulfils **requirements** (3.6.4)

Note 1 to entry: The term “quality” can be used with adjectives such as poor, good or excellent.

Note 2 to entry: “Inherent”, as opposed to “assigned”, means existing in the **object** (3.6.1).

*ISO 9000 Quality management systems
Fundamentals and vocabulary*

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**nation-wide DT purpose : accompanying
societies in the ecological transition.**

Accompanying ecological transition is **not** predictive maintenance...



“Our Vision [..] is not about predicting the future for the built environment. It is about describing the future we want.”

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Need for geodata fitted for :

- domain integration to embrace complexity of sustainability
- connection between multiple scales
- comparability across places
- make info visible and connected to reality
-

quality

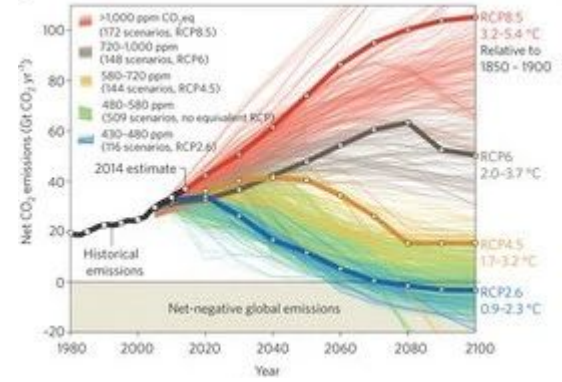
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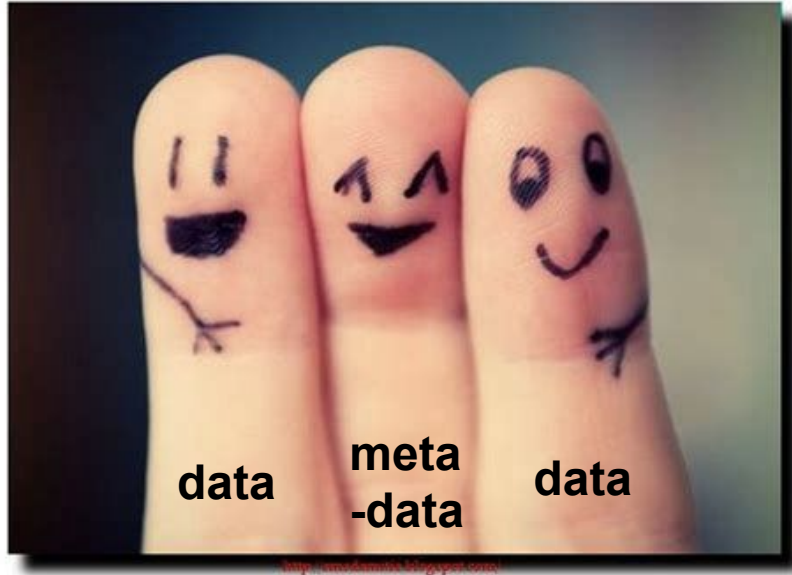
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**specifications, precision,
accuracy, consistency, completeness**



the word you don't speak





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