



TUESDAY MARCH 28TH 2023

TERRAINDEX

How to promote the exchange,
understanding and use of data for
sustainable land management?

ABOUT US

We help fieldwork and consultancy companies to improve their quality and efficiency of environmental research by continually digitalising, standardising and optimising work process in the entire research-chain.



SOME OBSTACLES



A LOT OF PAPERWORK

Manual work creates a lot of paperwork. This leads to duplication of work and is often repetitive and time consuming.

SOME OBSTACLES



MULTIPLICATION OF DIGITAL TOOLS

A lot of equipment has to be transported and a lot of operations have to be performed to carry out the fieldwork.

SOME OBSTACLES



INEFFICIENT USE OF DATA

Data is collected in different ways in different systems that do not communicate with each other:

- No overview
- Difficult access
- Not usable because incomplete
- Or we simply do not know that it exists

SOME OBSTACLES



CONTRACTORS

Increasing pressure from clients to deliver files digitally, to get faster results and better understanding.

SOME OBSTACLES



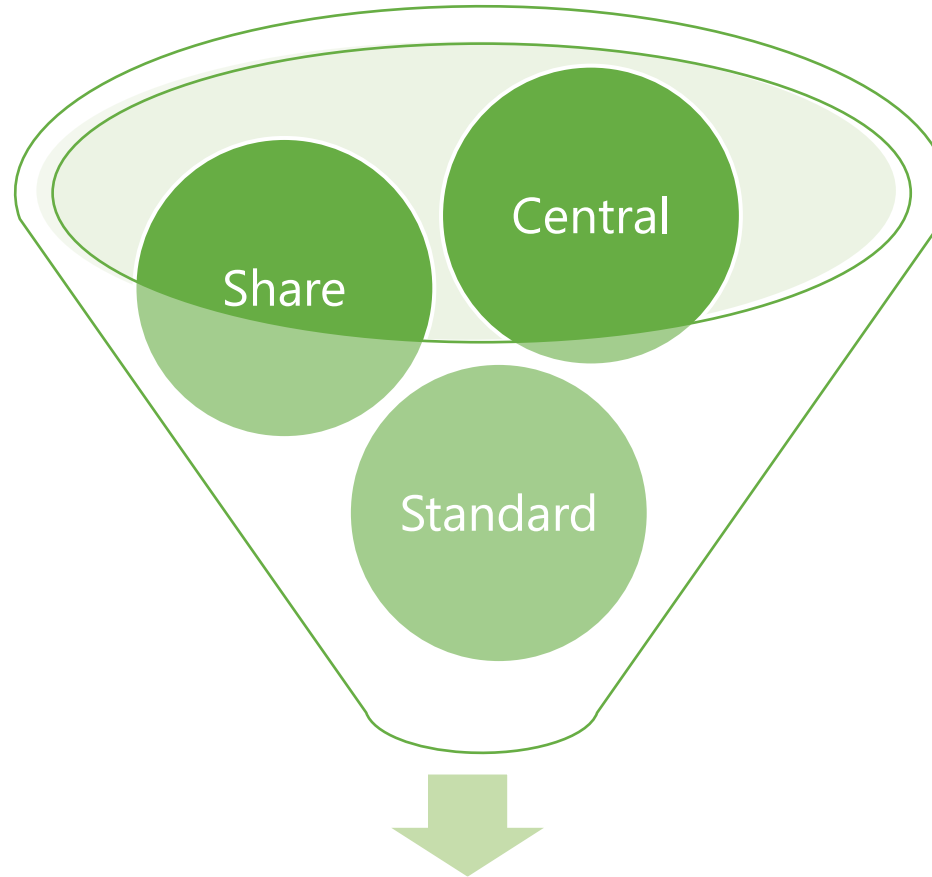
LAW AND REGULATION

Compliance with the regulations requires the optimization of administrative procedures.

PHASES OF DIGITISATION



NECESSARY CONDITIONS



Digital transformation

SOLUTION

- making systems more efficient for customers, organisations and stakeholders.
- promote convenience, reduced costs, and accuracy.



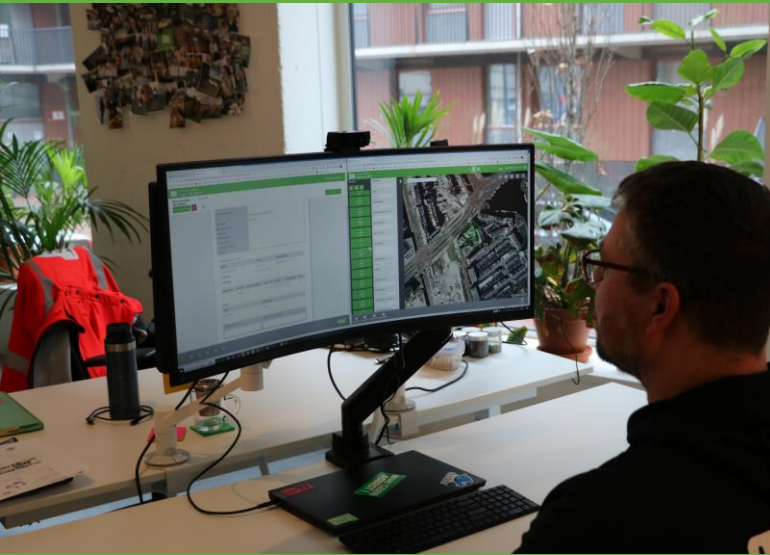
TERRAINDEX SOLUTION



FIELDWORK

- ✓ Standard input templates (ISO 14688/89)
- ✓ Scan of the barcodes samples
- ✓ Immediate data sharing with the office
- ✓ GPS positioning, photos..

TERRAINDEX SOLUTION



CONSULTANCY

- ✓ Structured & uniform display data
- ✓ Automatic reports generation
- ✓ Lab communication
- ✓ Exports to other applications (GIS, geostatistics, teleportals...)

TERRAINDEX SOLUTION



LABORATORIES

- ✓ Live communication with laboratories from TerraIndex platform
- ✓ Import of data without re-entry or manual intervention
- ✓ Major international laboratories already working with TerraIndex



TERRAINDEX SOLUTION



AUTHORITIES & CONTRACTORS

- ✓ Creation of standardized data exchange formats for industry associations, laboratories and government organisations



Basisregistratie
Ondergrond



Rijkswaterstaat
Ministerie van Infrastructuur en Waterstaat

MERCI

Au plaisir d'échanger avec vous sur
les possibilités de la numérisation de
l'étude des sols

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