



Making Your Data Come Alive

Image: Benjamin Brede

Data are the lifeblood of decision-making. Our high-quality data make effective policies possible.



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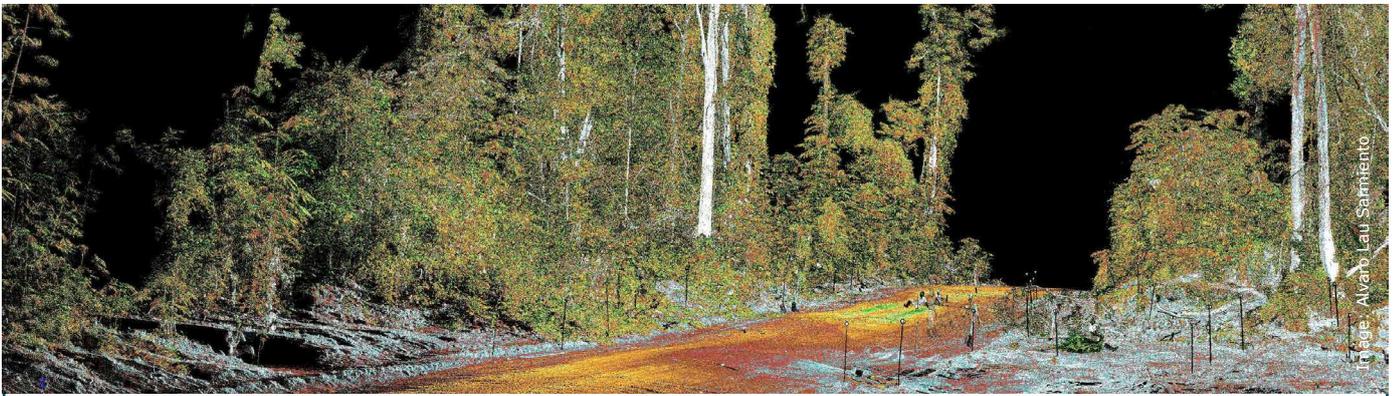


Image: Alvaro Lau Sarmiento

"Data are the lifeblood of decision-making and the raw material for accountability. Without high-quality data providing the right information on the right things at the right time, effective policies become almost impossible."

*United Nations Secretary-General's Independent Expert Advisory Group
on a Data Revolution for Sustainable Development*

Data Infrastructures and Standardisation

Accountability is a crucial factor for the uptake of scientific findings by policy makers and society. Therefore, access to the underlying data is essential, but the review of raw data and analyses is often difficult, time-consuming and expensive. To ease this task developing standards is necessary. We facilitate the creation, exchange, and use of data across information-sharing communities. We actively participate in national key registrations where key stakeholders create consensus on data, and adopt principles concerning legal, technical, geospatial and statistical standards which add accountability and facilitate openness and information exchange. We can help you out!

Visualization

Data visualization is the presentation of (geo)data in a pictorial or graphical format. Its primary goal is to communicate information clearly and efficiently via graphics, plots and maps. With interactive visualization, we bring the concept a step further by using technology to drill down into maps, charts and graphs for more detail, and interactively changing what data you see and how they are processed. Our work stretches from simple statistics to 3D and 4D presentations. Effective visualization helps users analyze and reason about data and evidence. It makes complex data more accessible, understandable and usable.

Examples

In order to achieve food security and promote sustainable agriculture, projects like CASCAPE (Ethiopia) or PAPAB (Burundi), have to work themselves through vast amounts of data. Together with the authorities we have developed standards to make this work easier and to come to a validated best practices leading to economic growth through increased agricultural productivity.

In The Netherlands we have realised the primary registry with public data of Dutch soil and subsoil (BRO). The BRO makes it possible to use standardized data for free to make informed choices about the use of soil and subsoil. Choices that can avoid failure costs in cases such as food production, nature and biodiversity, spatial planning and large-scale infrastructure.

Benefits

Data that it can be easily used and understand by you and your stakeholders.

Technology takeaways

- development and implementation of spatial data infrastructures
- development of standardized data models
- attractive and convincing visualisations

Results

- Improved data quality, integrity and usability
- Transparency and openness
- More effective policies

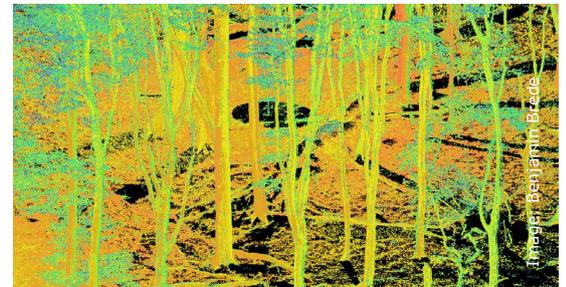


Image: Benjamin B. Zede



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