

De bodemschuif / The soil slider

Technology as a partner in communicating archaeology, soils and landscape

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**Flanders
Heritage
Agency**



soils with a story



photo: Erwin Brouwers

Illustration: Benoît Claris



and archaeology

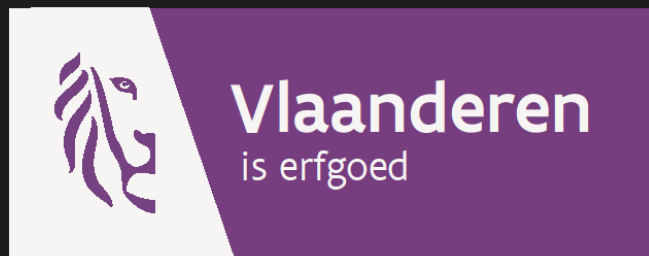
Soils and archaeology

Fantastic stories, yet very difficult to tell:
you are standing on it, but there is nothing to see.
Fundamental problem of archaeology!

Moreover: resistance to once again an information placard
or pillar in a nature reserve and archaeological monument



challenge: to bring an invisible story in an invisible way
de bodemschuif / the soil slider



In samenwerking met:



TECHNOLOGIECAMPUS GEEL

Flanders Heritage Agency: assignment, coordination, finances and content

Appeltien Engineering: design, development, installation and testing

Regional Landscape Kleine en Grote Nete: the spark (the original idea)

Natuurpunt: land owner (nature reserve Landschap de Liereman, archaeological monument)

KU Leuven Campus Geel and SSSB: expertise in presenting soils

Requirements

- 1 Discrete (nature area, no visual pollution)
- 2 Passive (no electricity, no engine)
- 3 Vandalism proof
- 4 All weather proof
- 5 Sand proof
- 6 Fungi and algae proof
- 7 Condensation proof
- 8 Aimed at the general public
- 9 Applicable to other situations (cities, ...)

Wow and aha

Wow

- Surprise and experience: “Is this under our feet all the time?!”

Aha

- Sudden insight in soils, archaeology and landscape

Prototype

Unique

Patented





lacquer profile







lacquer profile displayed
in the soil slider



archaeological reconstruction displayed on the other side of the soil slider, together with some artefacts (possibility to display objects up to 3 cm thick)

Illustration: Ulco Glimmerveen











[click on image for video](#)

pulled by hand



soils on the one side ...



... archaeology on the other side



the soil slider automatically goes down after the visitor has left the platform, ensuring the next visitor the best experience



the vegetation will regenerate,
also under the permeable platform





[click on image for video](#)

For more information

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