

PAN

harnessing geospatial technology for the enrichment of archaeological data

Daniella Vos, Stijn Heeren,
Niek van Ruler, Kiki Smallenbroek
and Ronnie Lassche

The screenshot shows the homepage of the PAN (Portable Antiquities of the Netherlands) website. At the top, there's a navigation bar with the PAN logo, a search icon, and links for 'NIEUWS', 'OVER PAN', and 'INLOGGEN'. The main title 'PORTABLE ANTIQUITIES of the NETHERLANDS' is displayed above a photograph of people in a field. Below the photo, the text 'WELKOM BIJ HET PAN-PROJECT' and 'KIJK MEE MET VERZAMELAARS VAN NEDERLANDSE BODEMVONDSTEN' is visible. A callout bubble highlights 'RECENT GEVONDEN OPMERKELIJKE VONDSTEN' with three images: a bronze vessel fragment, a small bronze object, and a bronze bear figurine. Below this section, under 'VERSCHILLENDE RUBRIEKEN', are three cards: 'PREHISTORIE 300.000 TOT 10.000 VOOR CHRISTUS' showing a hand holding a flint tool; 'ROMAINE Tijd 50 VOOR TOT 450 NA CHRISTUS' showing a Roman head and coin; and 'MIDDELEEUVEN 450 TOT 1500 NA CHRISTUS' showing a medieval cross-shaped object.

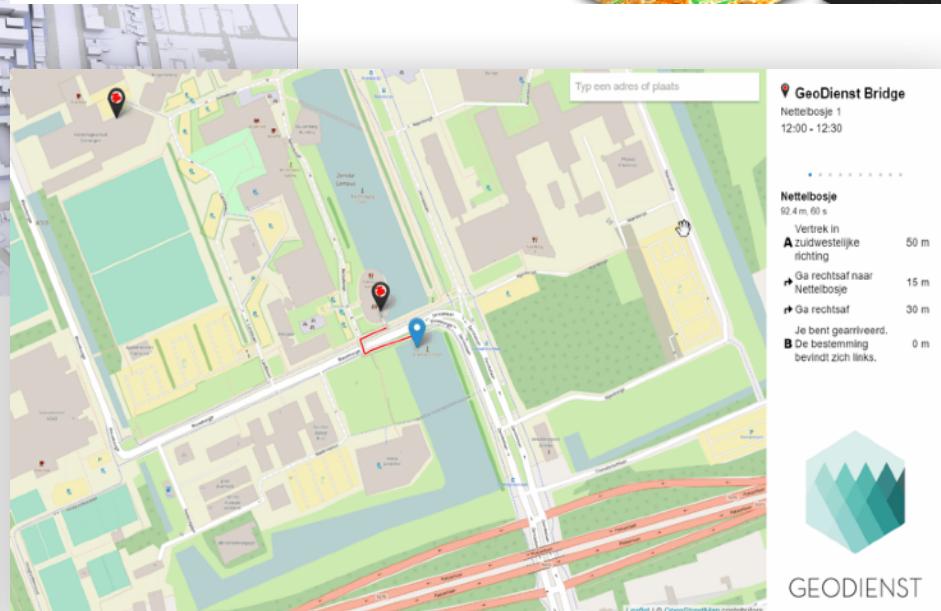
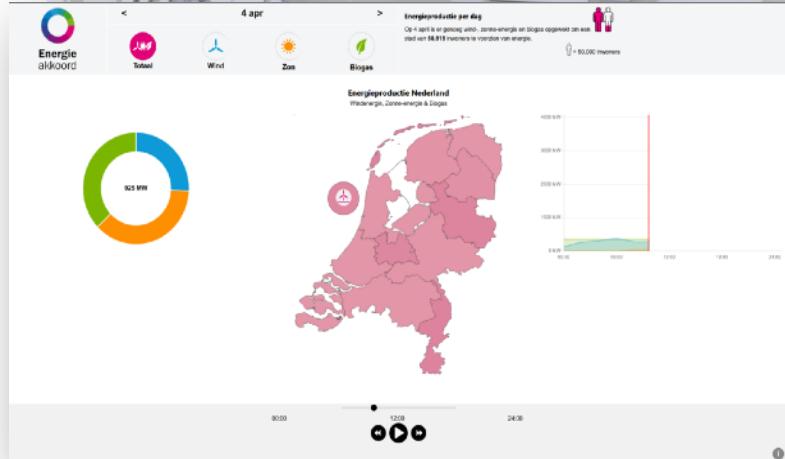
Geodienst

University of Groningen

To boldly geo where no one
has gone before!



GEODIENST

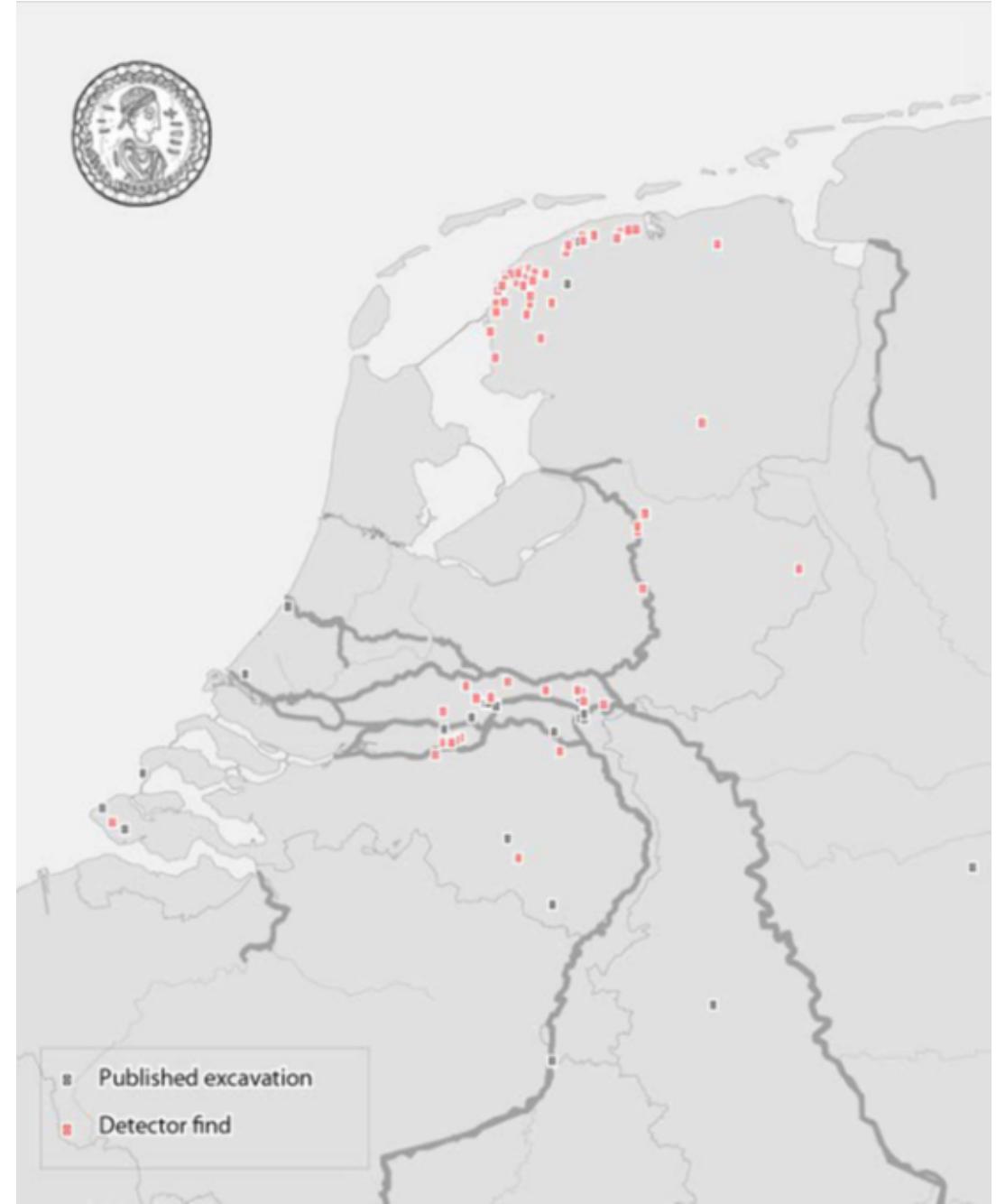


GEODIENST

PAN Background

The spatial distribution
of pseudo-coin brooches
and their recovery
method

Adapted after Heeren & Van de Feijst
2017, 223, fig. 4.172.



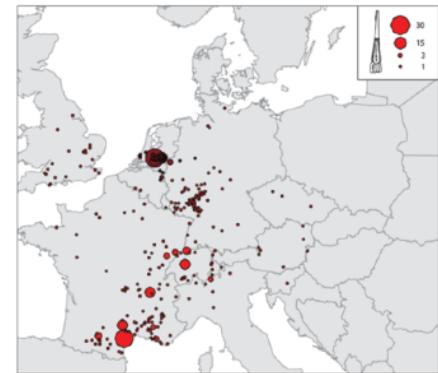
PAN = citizen science



Creation of valuable open data

Discovery and protection of sites

Urgency in recording collections of
first generation of metal detector
users



PAN = WWW

World Wide Web



Where



What

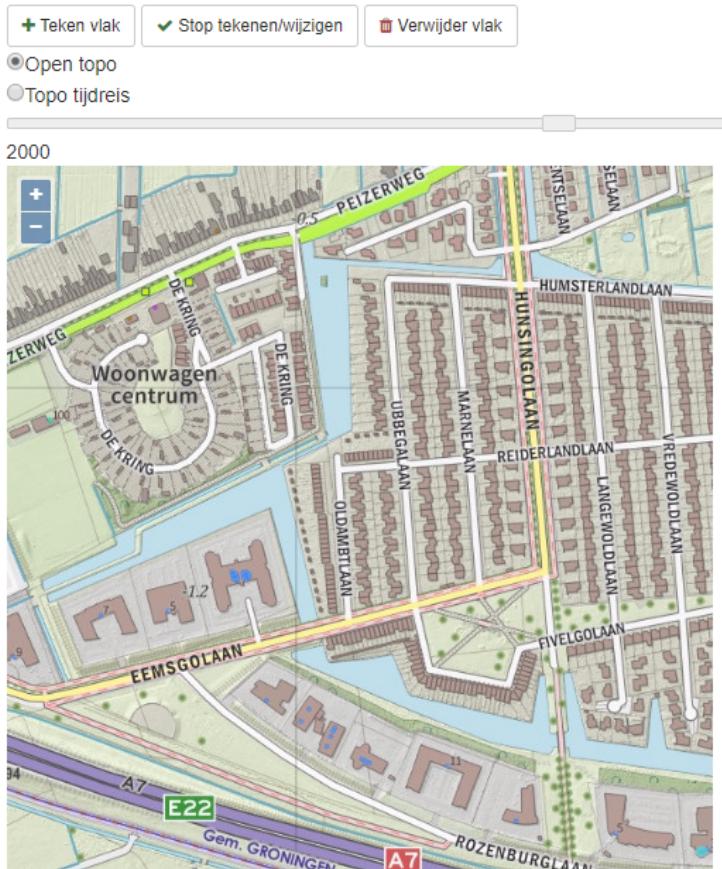


Who

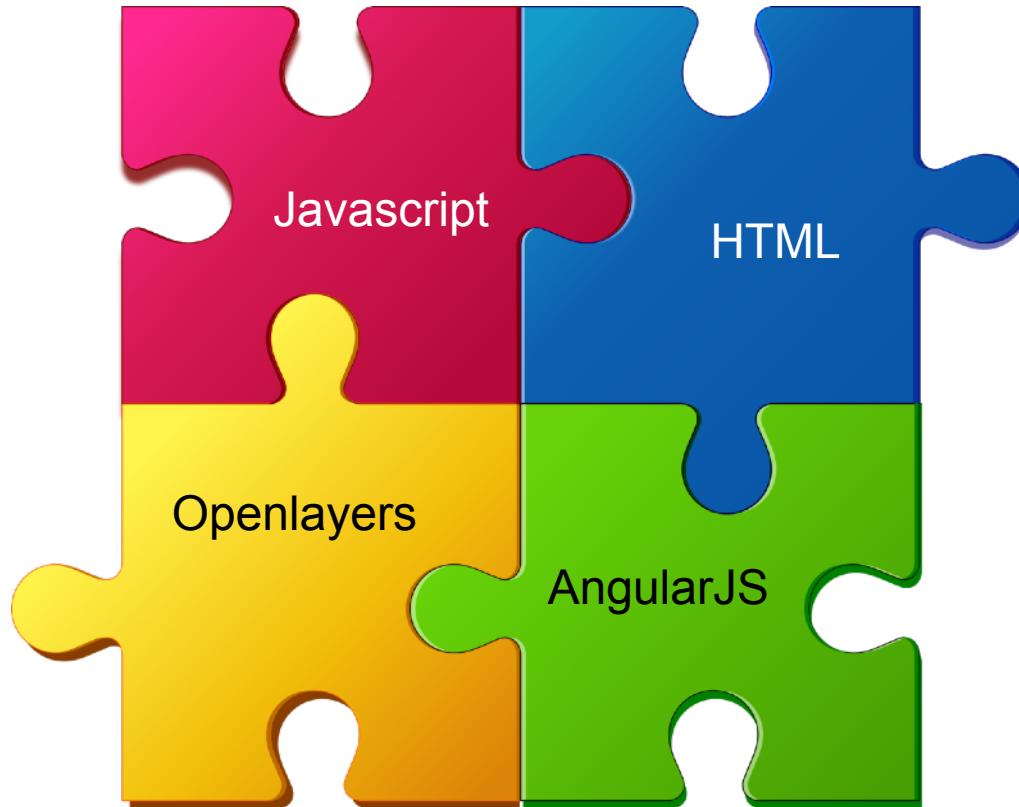
PAN Location



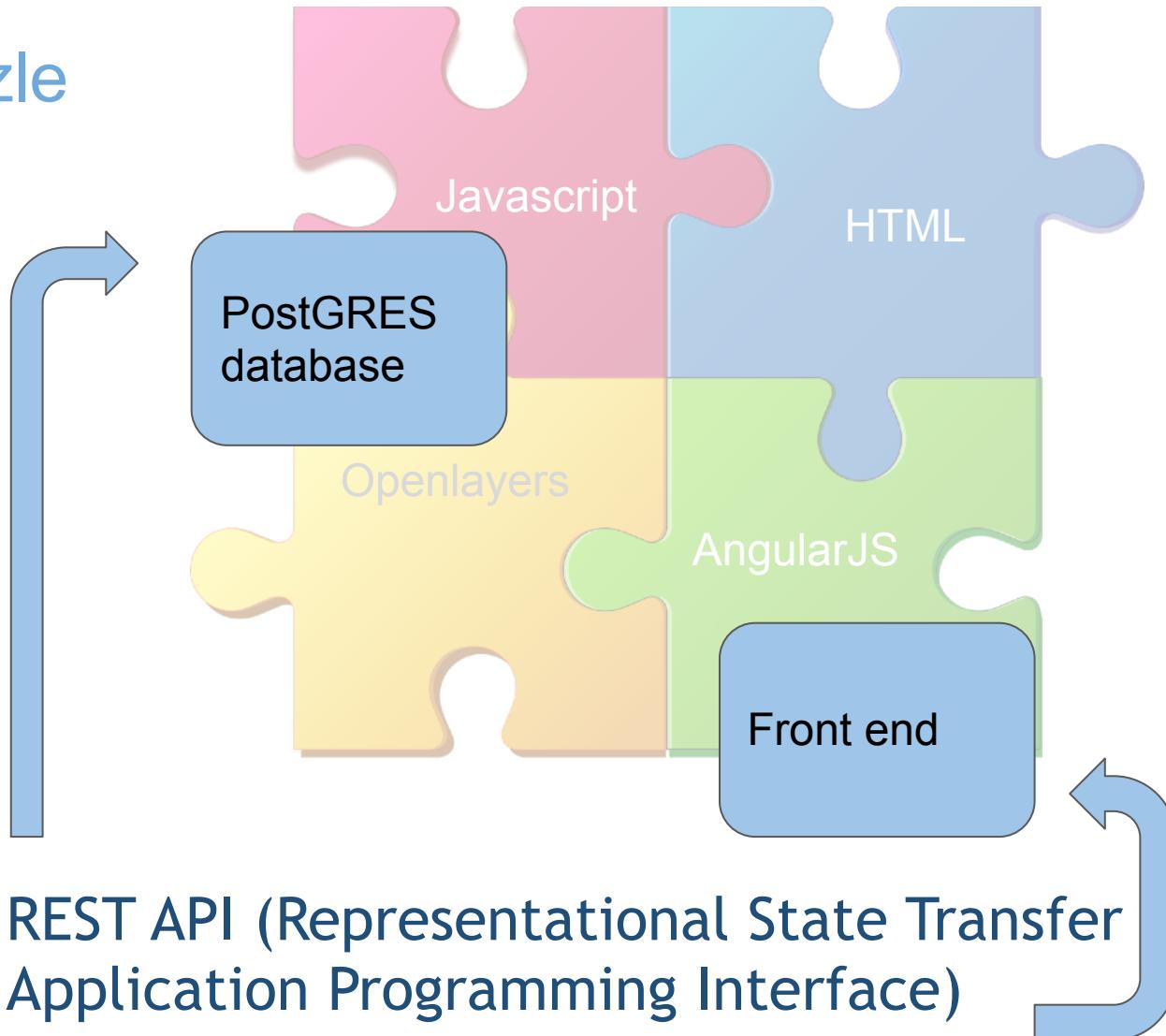
PAN Location



PAN Puzzle

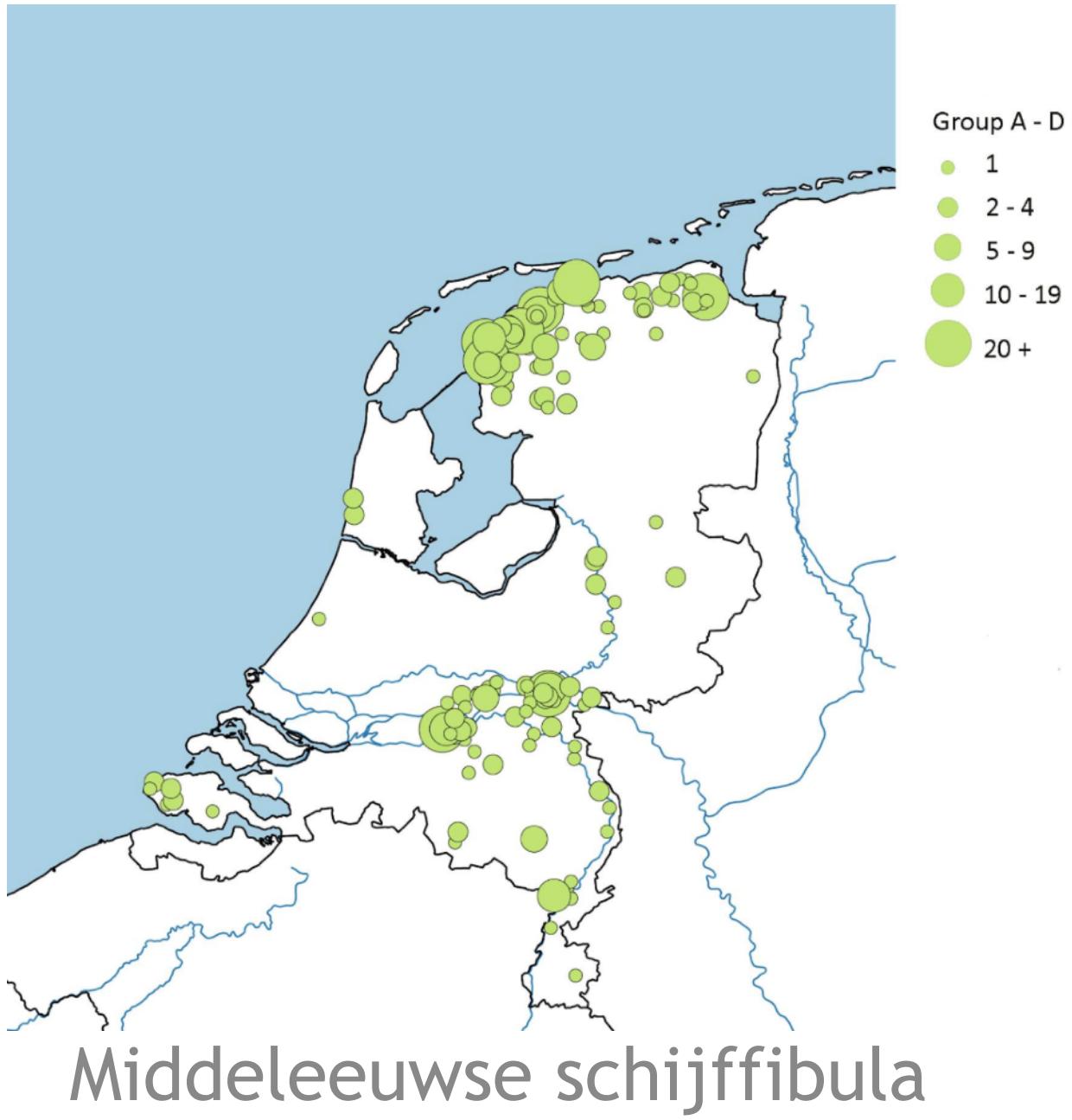


PAN Puzzle



PAN use of Free and Open Source Software for Geospatial (FOSS4G)

- Open Layers 3.0
- Opentopo (Jan Willem van Aalst and others), based on open sources:
 - TOP10NL
 - AHN (Actual Height Netherlands)
 - BAG (Basic Registration addresses and buildings)
 - BRT (Basic Registration Topography)
 - Openstreetmap
 - Others
- Topotijdreis (Topo time travel) (Dutch Topographic Service)
- Postgres with PostGIS
- AngularJS
- Bootstrap



PAN Demo

 PAN

NIEUWS OVER PAN INLOGGEN

PORTABLE ANTIQUITIES of the NETHERLANDS

WELKOM BIJ HET PAN-PROJECT
KIJK MEE MET VERZAMELAARS VAN NEDERLANDSE BODEMVONDSTEN



RECENT GEVONDEN
OPMERKELIJKE VONDSTEN



VERSCHILLEENDE
RUBRIEKEN



PREHISTORIE
300.000 TOT 15 VOOR CHRISTUS

De oudste (metaal)vondsten uit Nederland.

ROMEINSE TIJD
15 VOOR TOT 450 NA CHRISTUS

Vondsten uit alle hoeken van het Romeinse rijk die in Nederland zijn.

MIDDELEEUVEN
450 TOT 1500 NA CHRISTUS

Vondsten uit Nederlandse bodem van ongeveer 500 tot 1500 jaar oud.

<https://www.portable-antiquities.nl/>

Thank you!

Visit us at: www.portable-antiquities.nl



rug.nl/geo
geodienst@rug.nl
[@rug_geo](https://twitter.com/rug_geo)

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Lijst

Kaart

Distribution

