

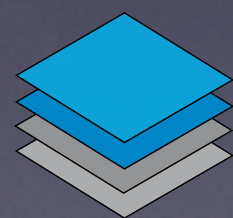


Neue Features im Überblick



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Intergeo 2008 , Bremen



OpenLayers™

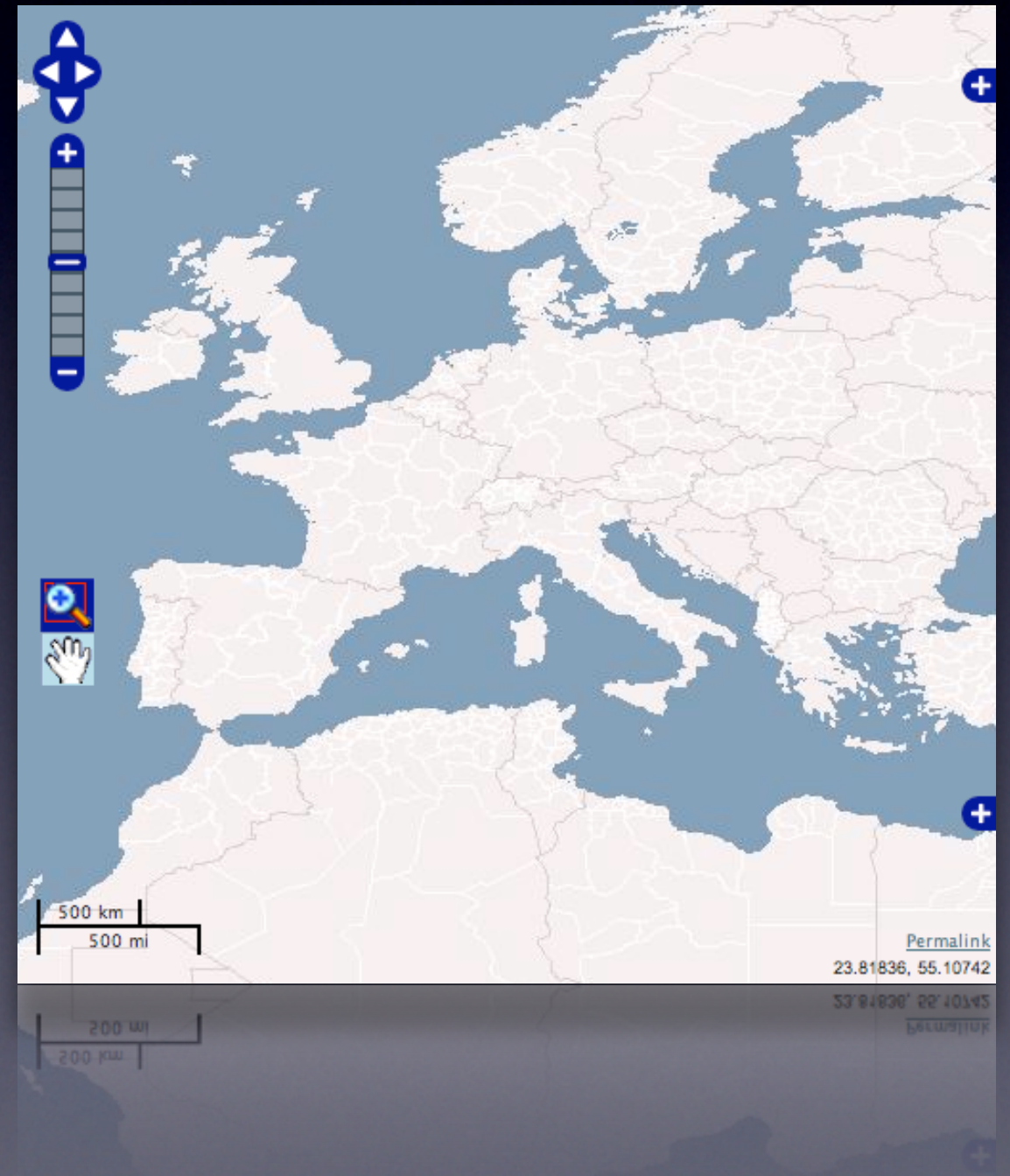


Gliederung

1. Was ist OpenLayers?
2. Was kann OpenLayers? (Demos)
3. Warum OpenLayers?
4. Ausblick

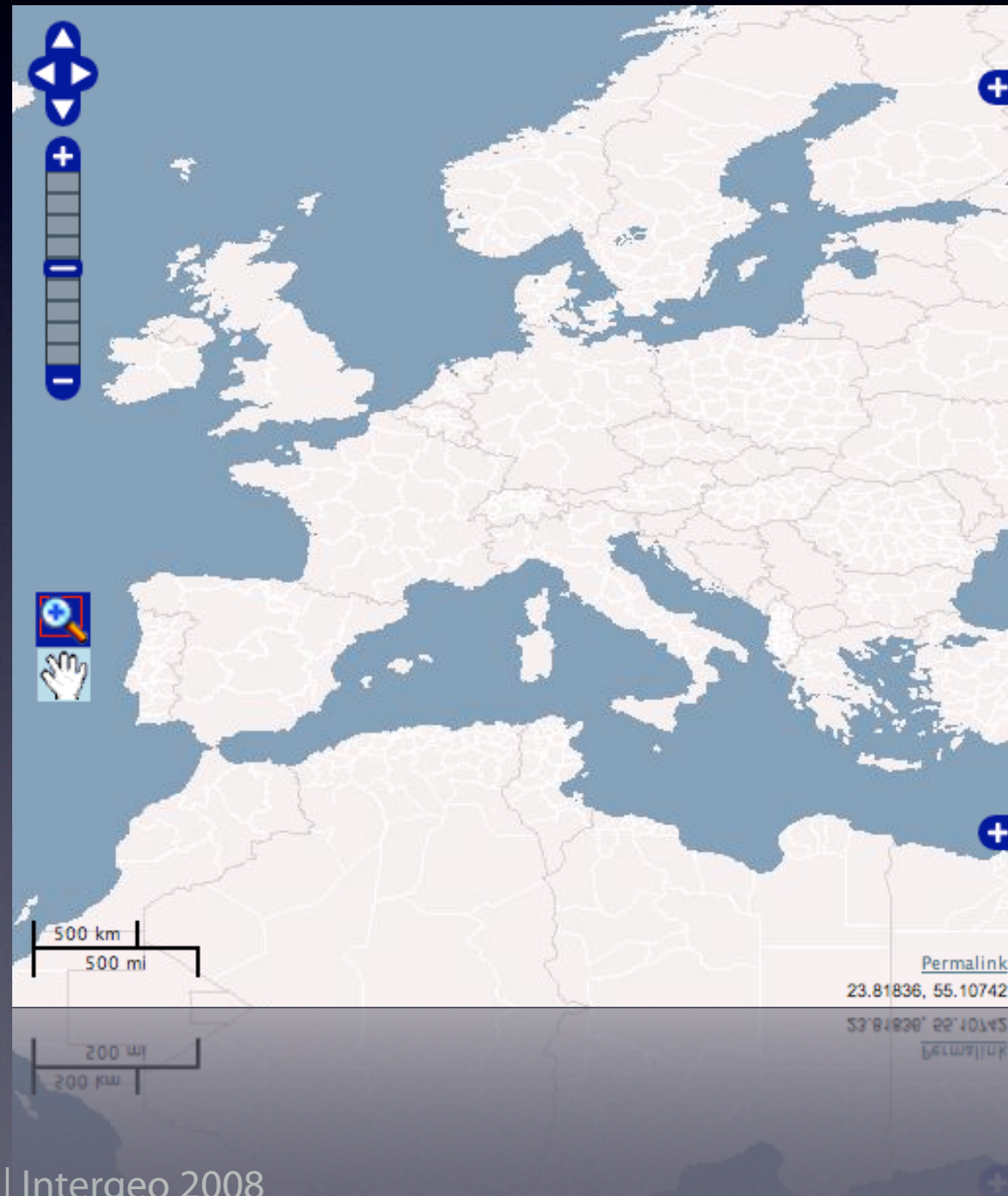
1. Was ist OpenLayers?

- Freie Software (BSD Lizenz)
- Bibliothek (API) zur Erstellung interaktiver Karten auf Webseiten
- 100% clientseitig (JavaScript)
- AJAX
- unterstützt offene und proprietäre Formate



2. Was kann OpenLayers?

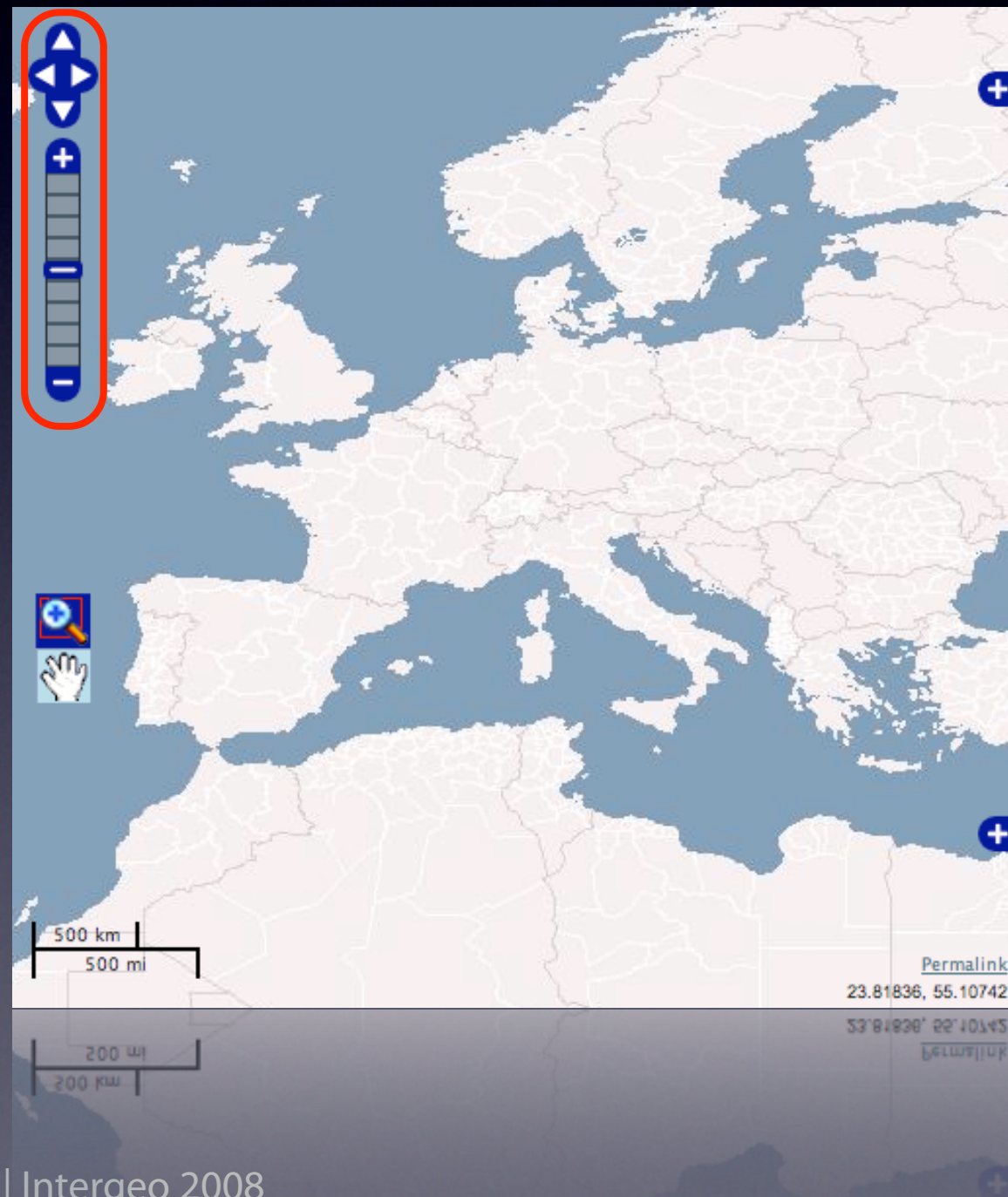
Standardkomponenten



2. Was kann OpenLayers?

Standardkomponenten

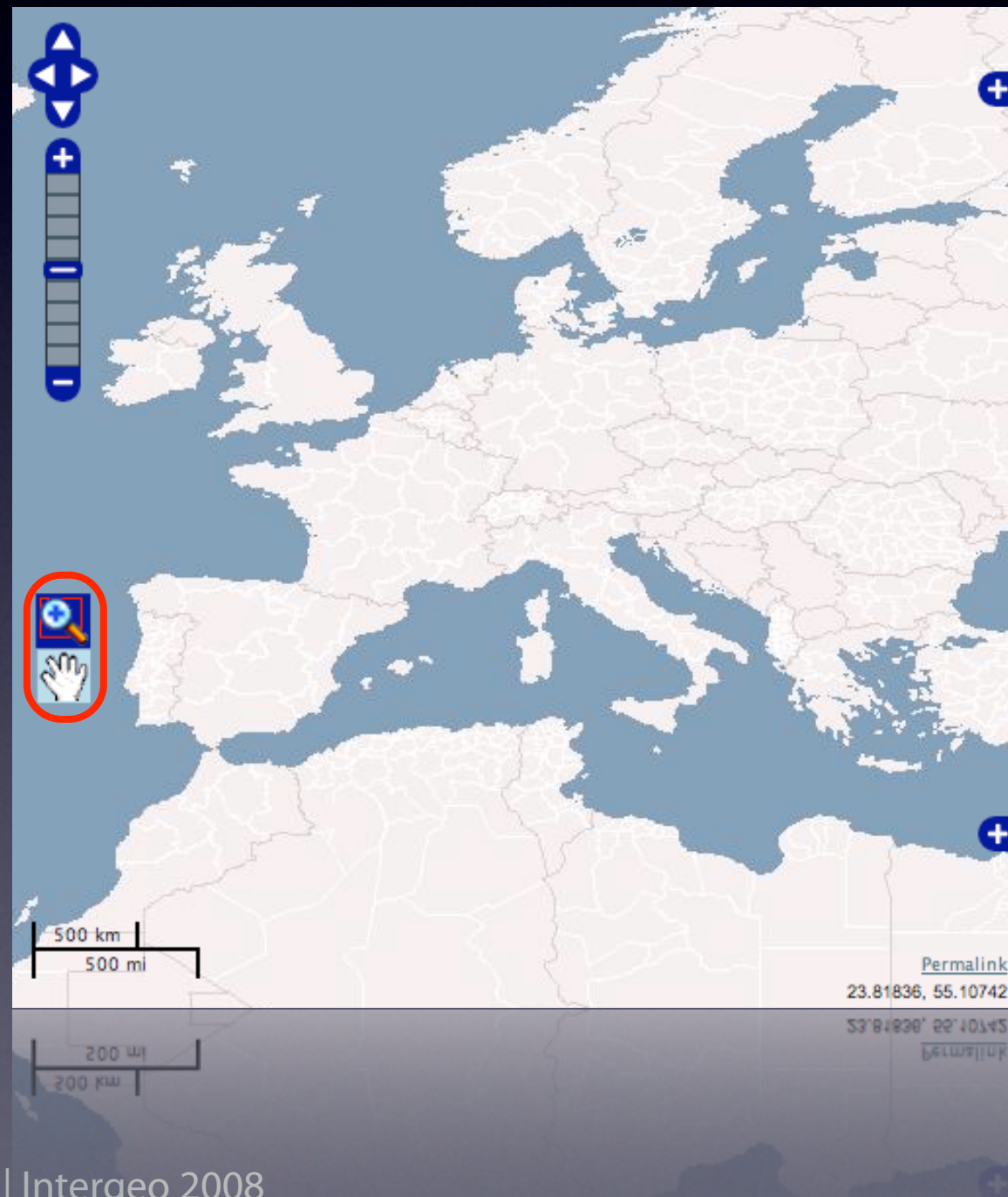
Pan-Zoom-Navigationsleiste



2. Was kann OpenLayers?

Standardkomponenten

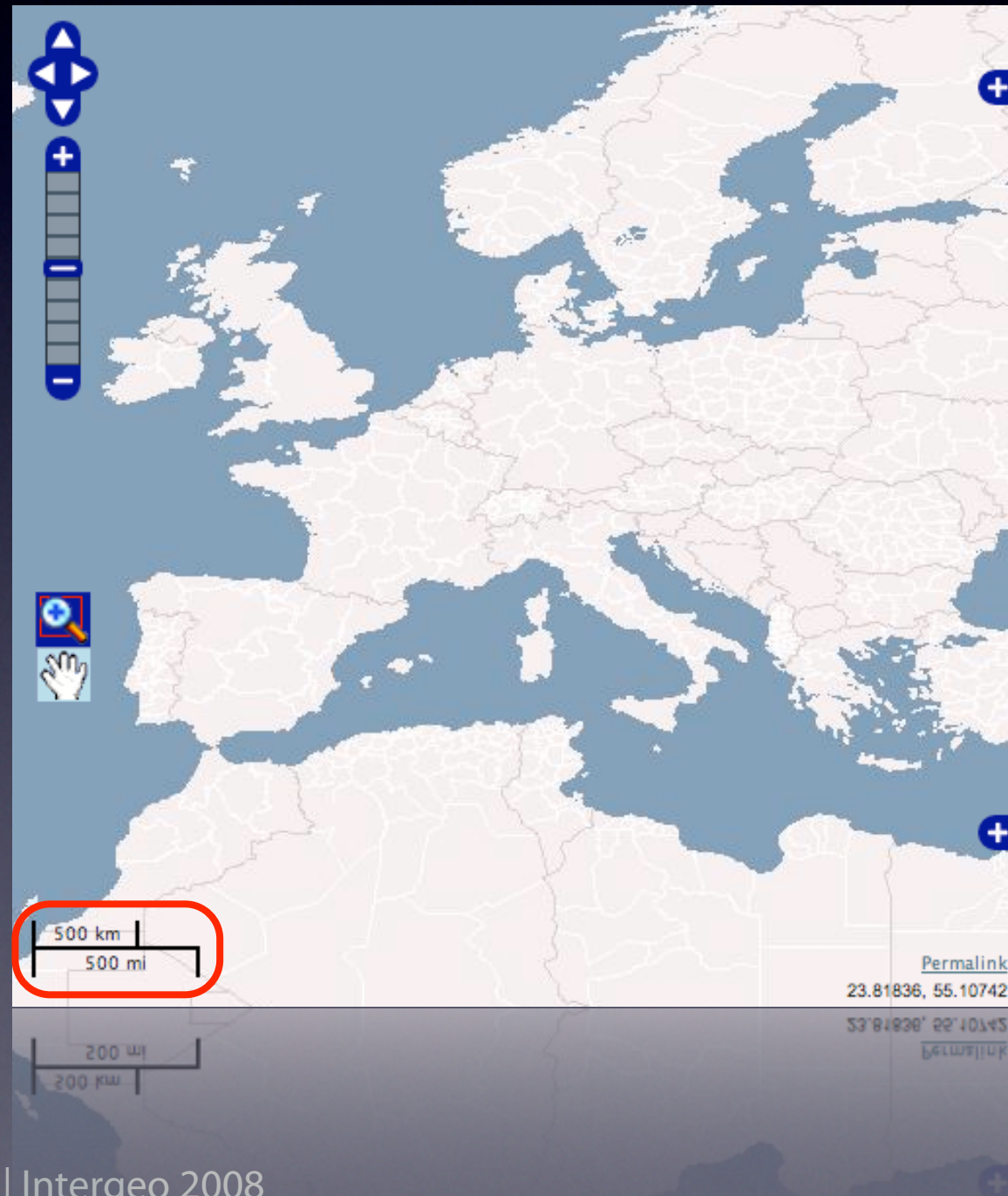
Werkzeugleiste



2. Was kann OpenLayers?

Standardkomponenten

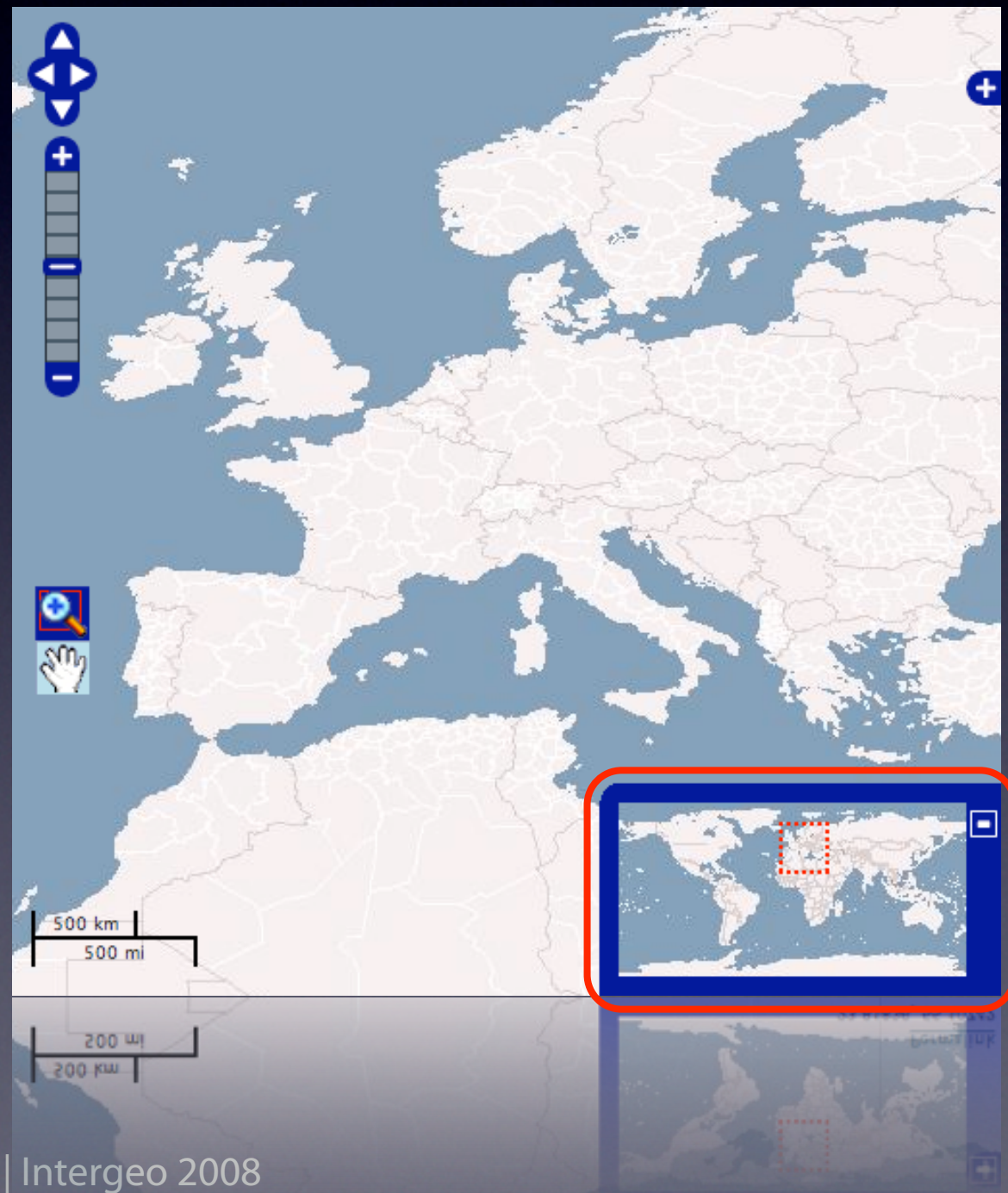
Maßstabsbalken



2. Was kann OpenLayers?

Standardkomponenten

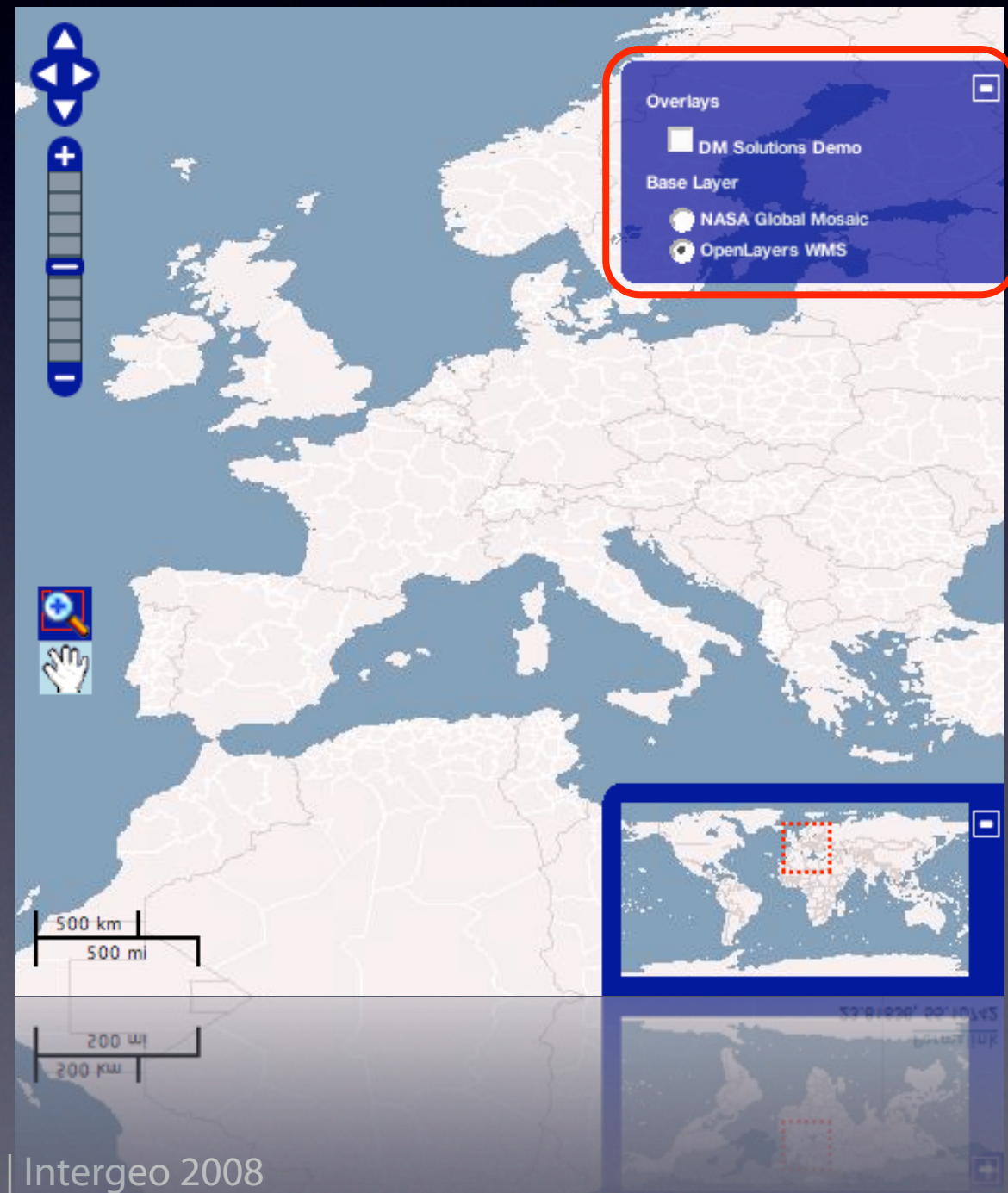
Übersichtskarte



2. Was kann OpenLayers?

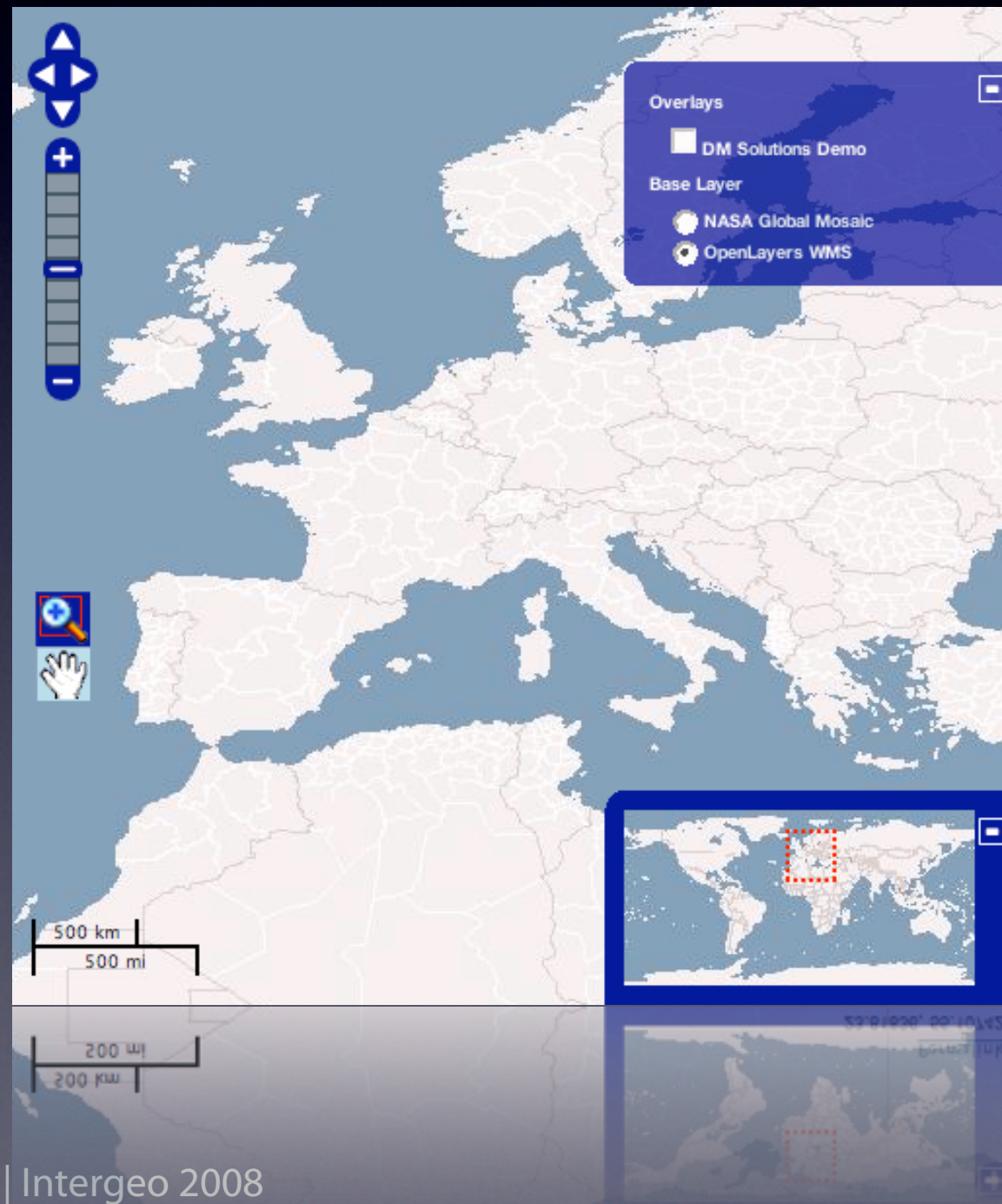
Standardkomponenten

Ebenenübersicht



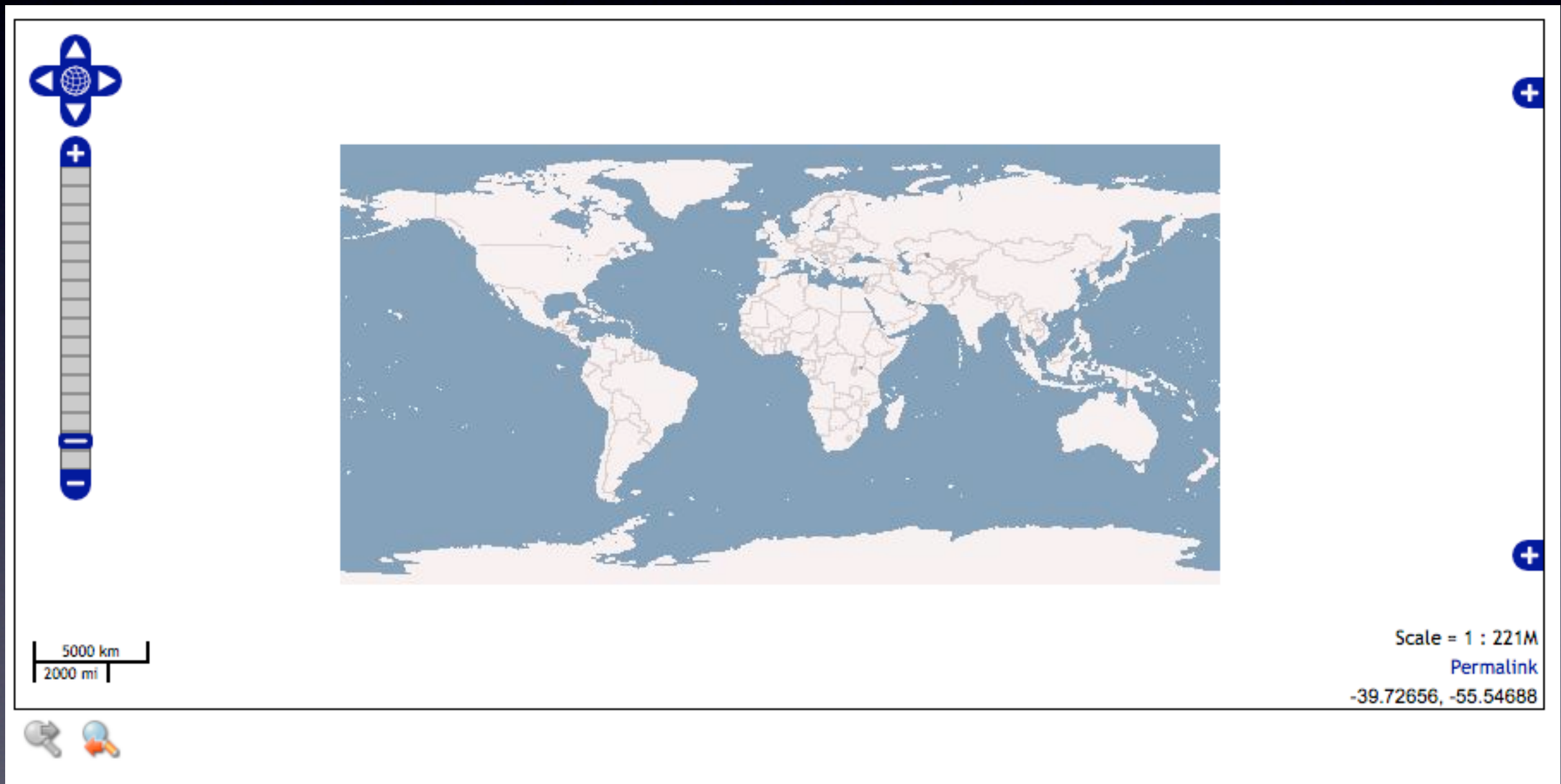
2. Was kann OpenLayers?

Standardkomponenten

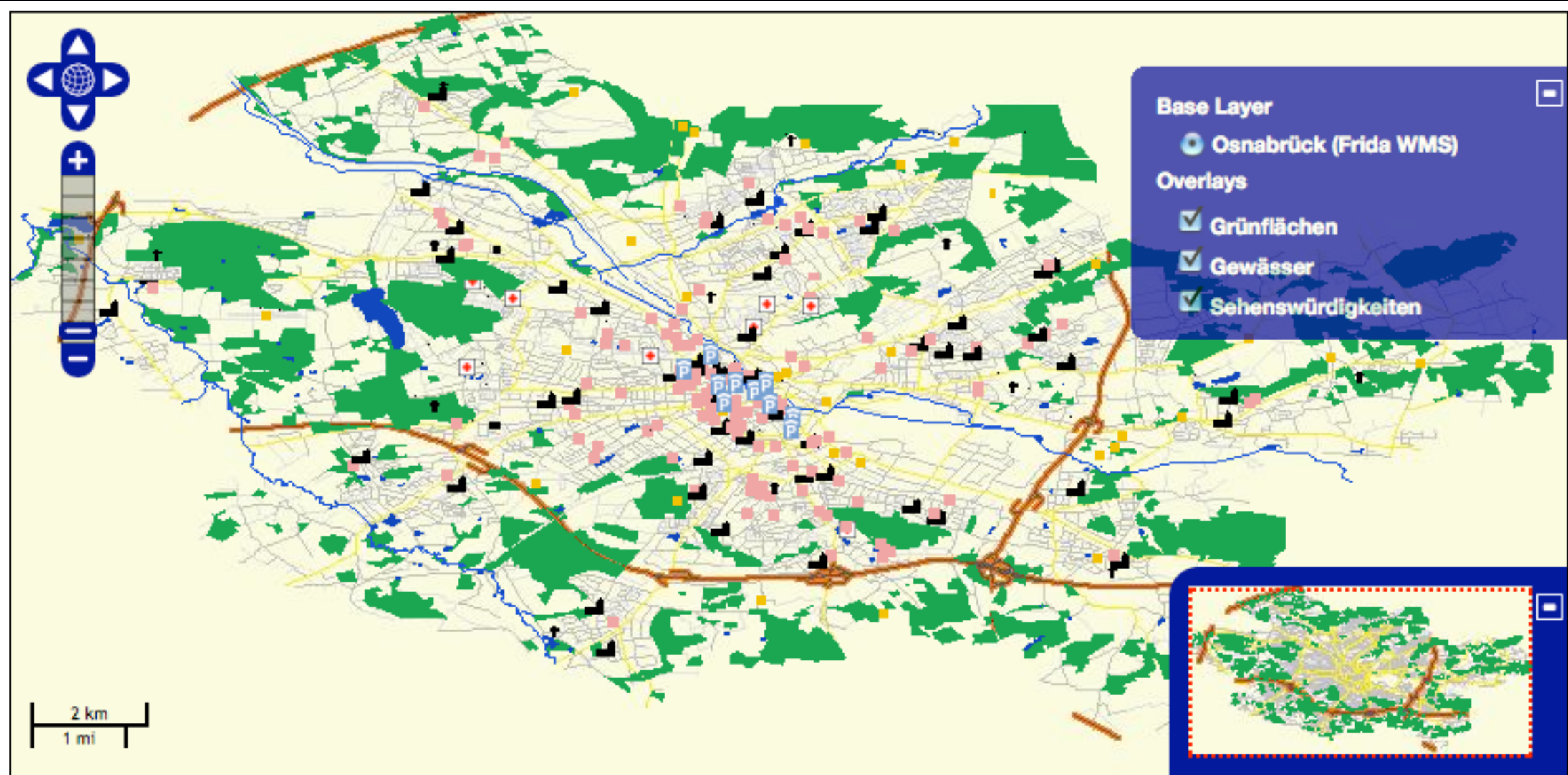


Demo

Demo 1: Navigation



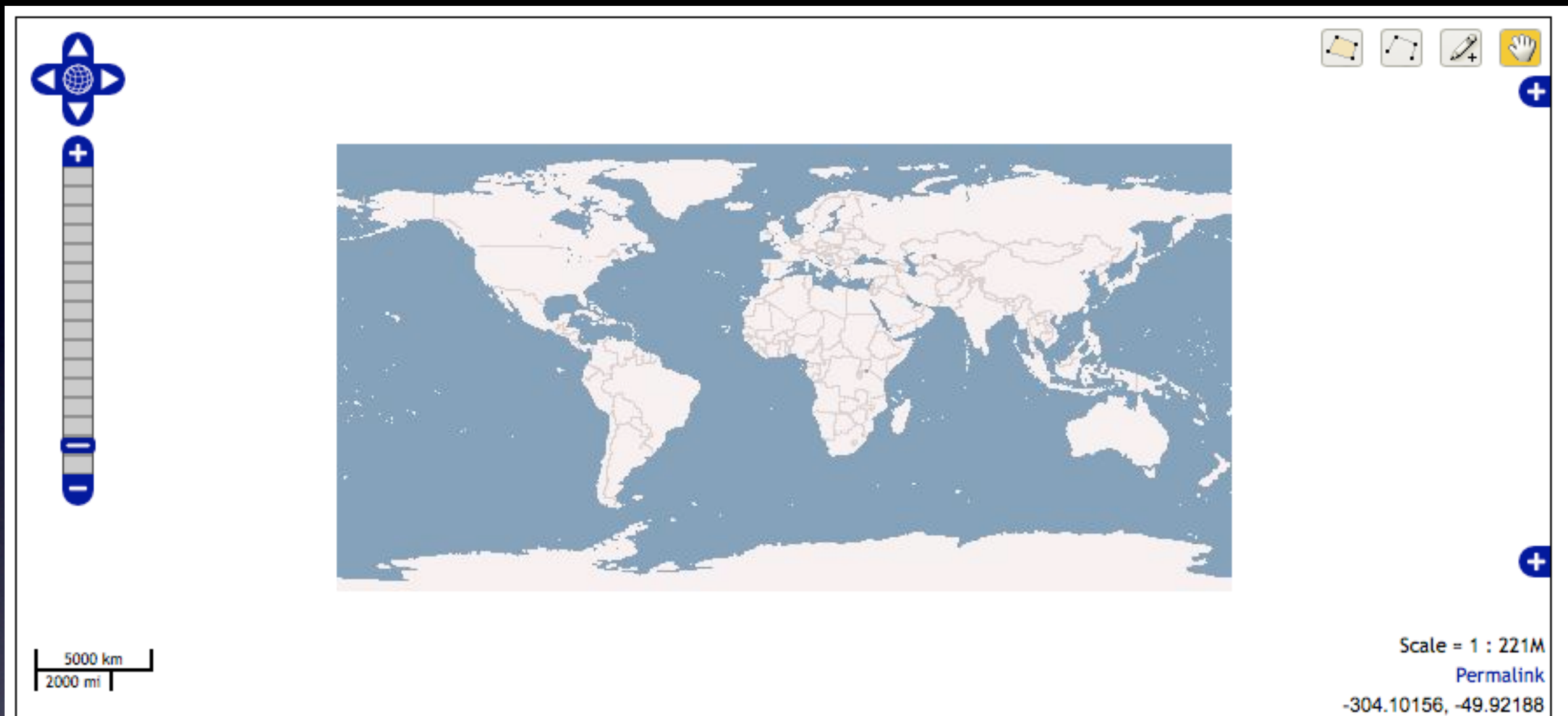
Demo 2: Projektion



Projektion:

- ☒ EPSG 4326
- ☐ EPSG 31467

Demo 3: Vektor Features



The screenshot displays a web-based map application interface. On the left side, there is a vertical toolbar with a compass icon at the top, followed by a zoom-in (+) button, a zoom slider, and a zoom-out (-) button. In the top right corner, there are icons for drawing a polygon, a line, a point, and a hand for panning, along with a plus sign for additional tools. The main area shows a world map with a light blue ocean and light green landmasses. At the bottom left, a scale bar indicates 5000 km and 2000 mi. At the bottom right, the text "Scale = 1 : 221M" is displayed, followed by a "Permalink" link and the coordinates "-304.10156, -49.92188".

- ☒ navigate
- ☐ draw regular polygon - sides
 - ☐ irregular
- ☐ modify feature
 - ☐ allow rotation
 - ☐ allow resizing
 - ☐ allow dragging

2. Was kann OpenLayers?

Weitere Features

2. Was kann OpenLayers?

Weitere Features

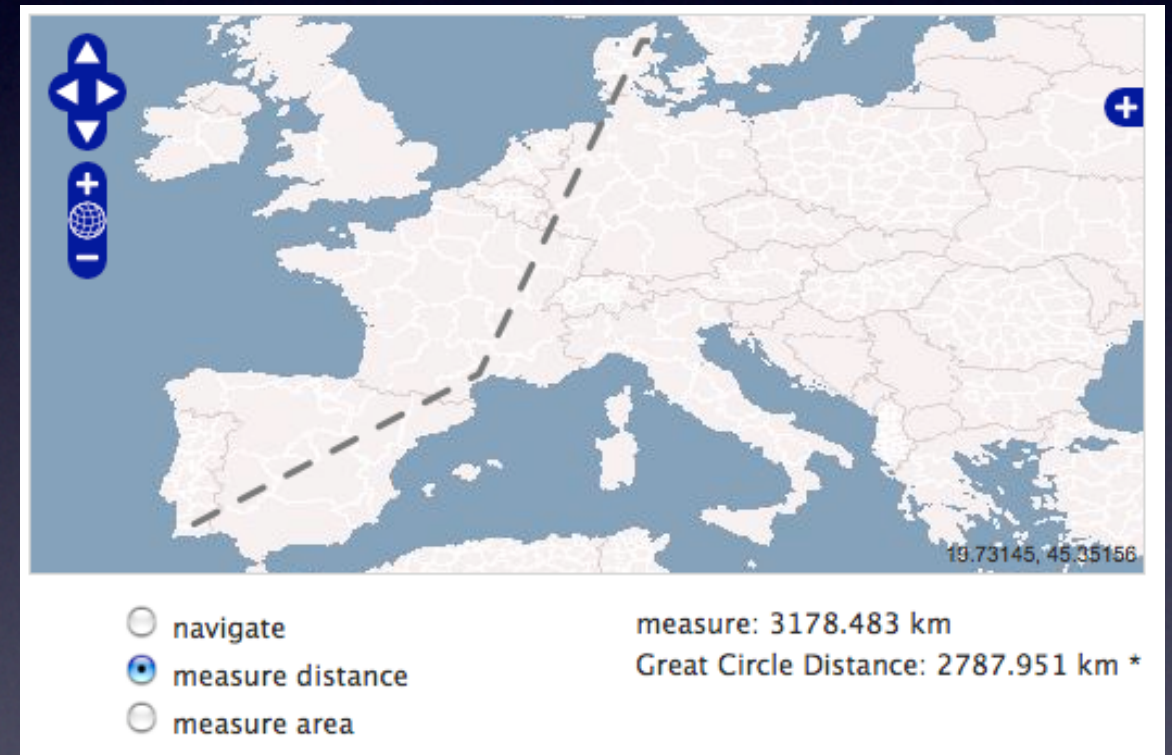
- Markers & Popups
(im Google Maps Style)



2. Was kann OpenLayers?

Weitere Features

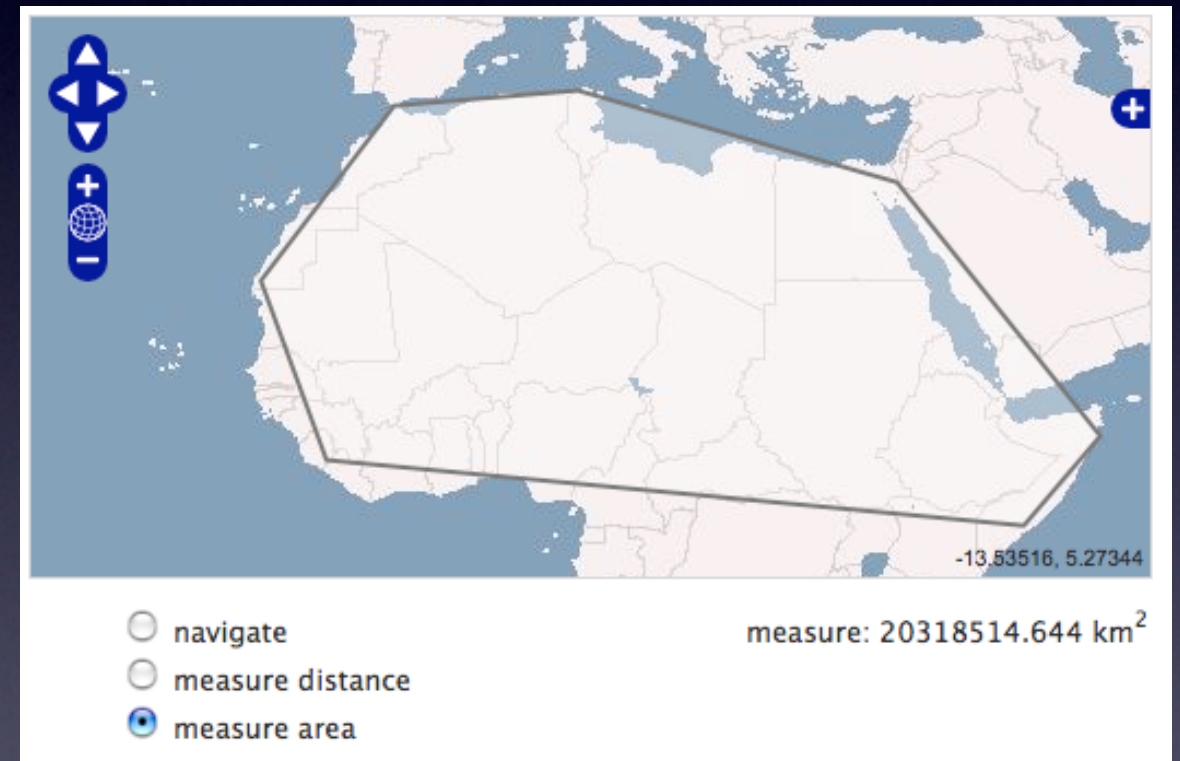
- Markers & Popups
(im Google Maps Style)
- Messwerkzeug



2. Was kann OpenLayers?

Weitere Features

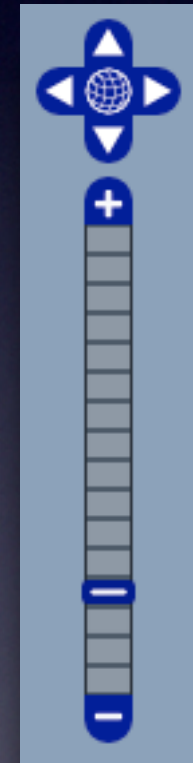
- Markers & Popups
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2. Was kann OpenLayers?

Weitere Features

- Markers & Popups
(im Google Maps Style)
- Messwerkzeug
- einfache od. erweiterte
Zoom-Navigationsleiste

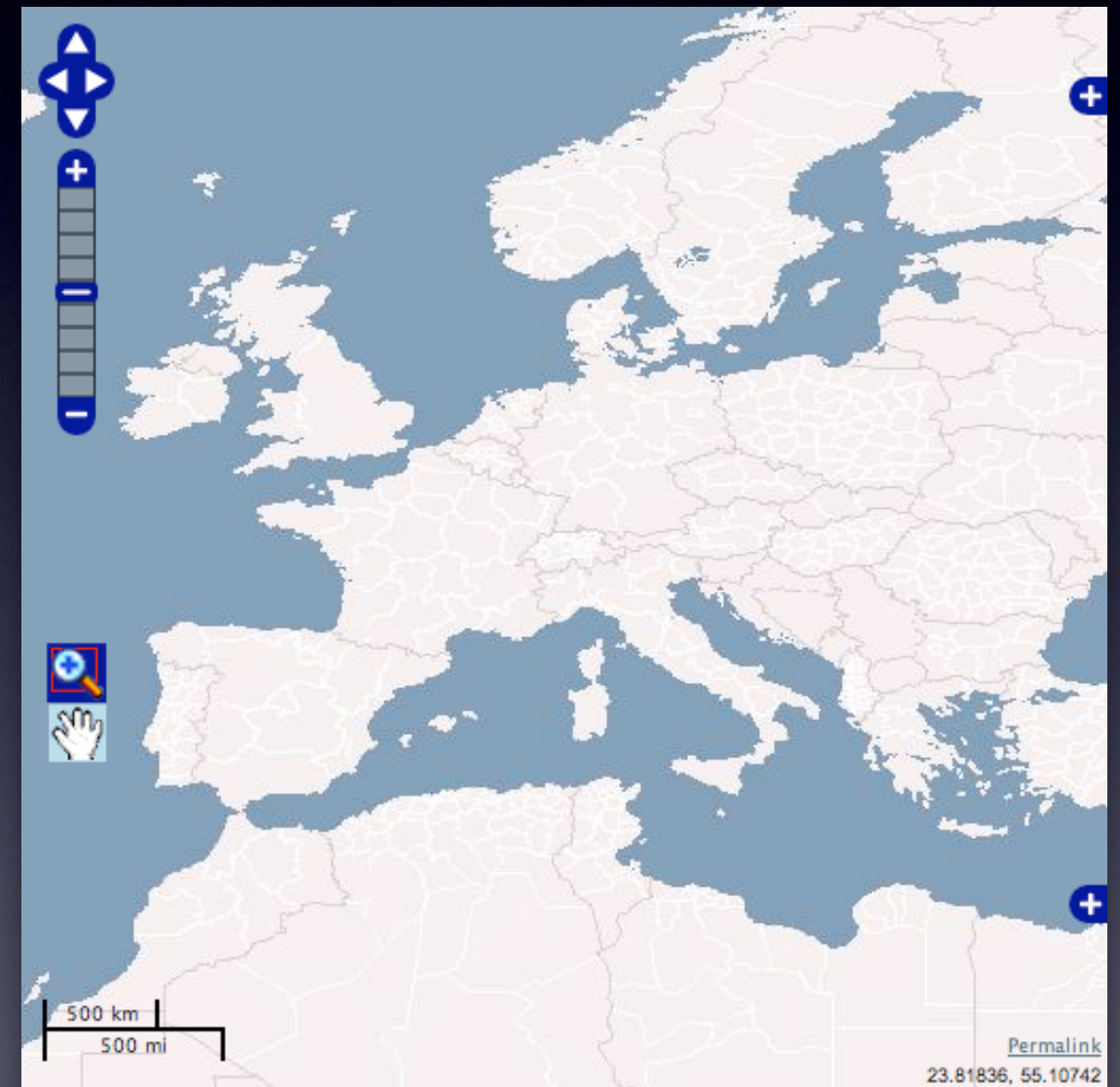


Demo 4: **WMS Manager** (BETA)

Quelle: http://www.ominiverdi.org/openlayers/sandbox/openlayers/examples/wms_manager.html

3. Warum OpenLayers?

- Freie Software!
- leistungsstarkes Tiling
- sehr aktive Community
- einfache Integration (durch JavaScript)
- zahlreiche Features



4. Ausblick

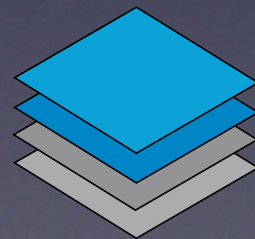
OpenLayers 2.8+

- ◎ verbesserte CSS-Unterstützung
- ◎ verbesserte Vektorbearbeitung
- ◎ verbesserte Popups
- ◎ unterschiedliche Projektionen in einer Karte
- ◎ ...

<http://trac.openlayers.org/roadmap>

Weitere Informationen

- <http://openlayers.org>
- <http://smartmapbrowsing.org>
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OpenLayers™