

# Geo-Infographics created dynamically from PostGIS using ST\_AsSVG

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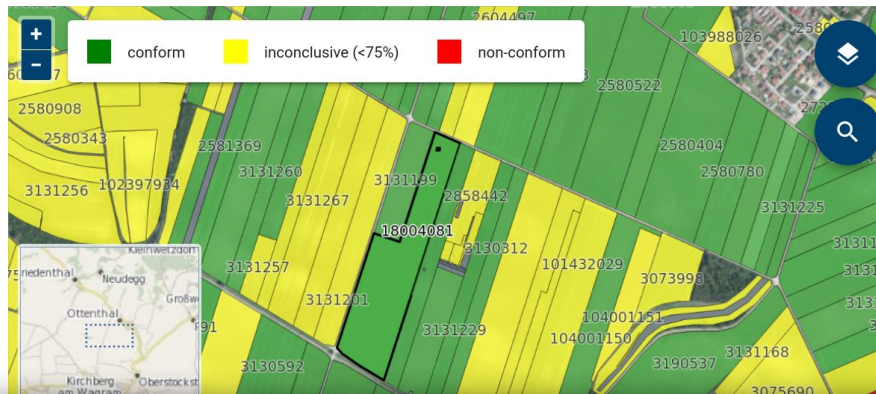


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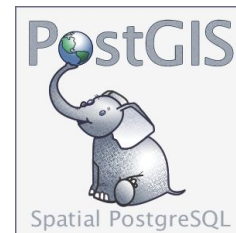
# Visualizing Tabular In Situ Information



native browser support  
→ no extra map library  
→ no javascript

ID	BODENBEDECKUNG	BESICHTIGUNGSdatum	KOMMENTAR	Affected Area
	BareSoil	2021-04-23		
	BareSoil	2021-04-23		
	Jungpflanzen	2021-05-21		

ST\_AsSVG



# Anatomy of Scalable Vector Graphics (SVG)

“SVG is to graphics what HTML is to text.”  
(Source: MDN)

```
<svg width="500px" height="100%"  
  viewBox="minx miny width height">  
  <circle ... />  
  <rect ... />  
  <path d="M -162 79 1 -2 0 5 0 -2 1 z M ..." />  
</svg>
```

# viewBox is a bit tricky...

`viewBox="minx miny width height"`

→ SVG's y-axis is flipped

```
display_svg(viewBox="0 0 360 180")
```



```
display_svg(viewBox="-180 0 360 180")
```



```
display_svg(viewBox="-180 -90 360 180")
```

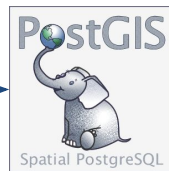
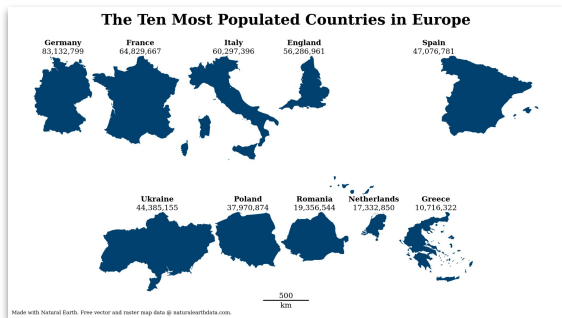


```
display_svg(viewBox="-10 -70 35 35")
```

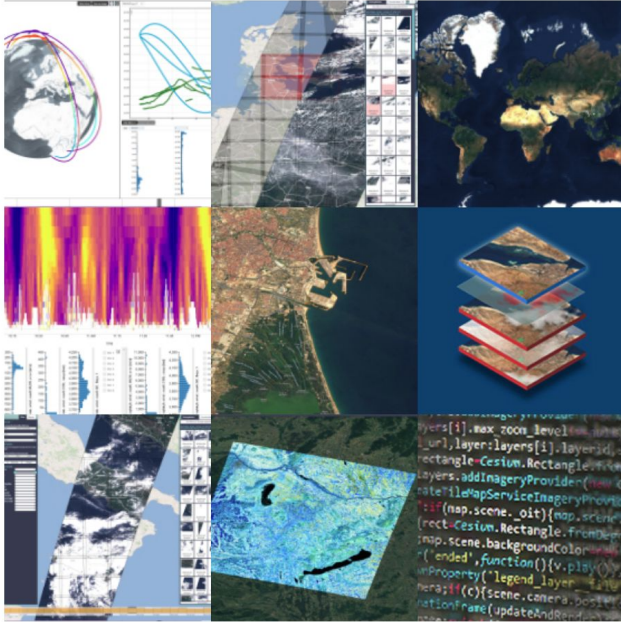


# Try it out yourself! (Source on GitHub)

```
git clone https://github.com/StefanBrand/geo-info-svg
cd geo-info-svg
docker-compose up
firefox http://0.0.0.0:8000/
```



<https://github.com/StefanBrand/geo-info-svg>



## VIEW THE WORLD THROUGH OUR EYES



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