

EUROPEAN SPACE WEEK

#EUSpaceWeek

ONLINE EDITION

EGNOS Visibility Maps

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Organised by:



European
Global Navigation
Satellite Systems
Agency



Under the auspices of:



EU Space Programme:



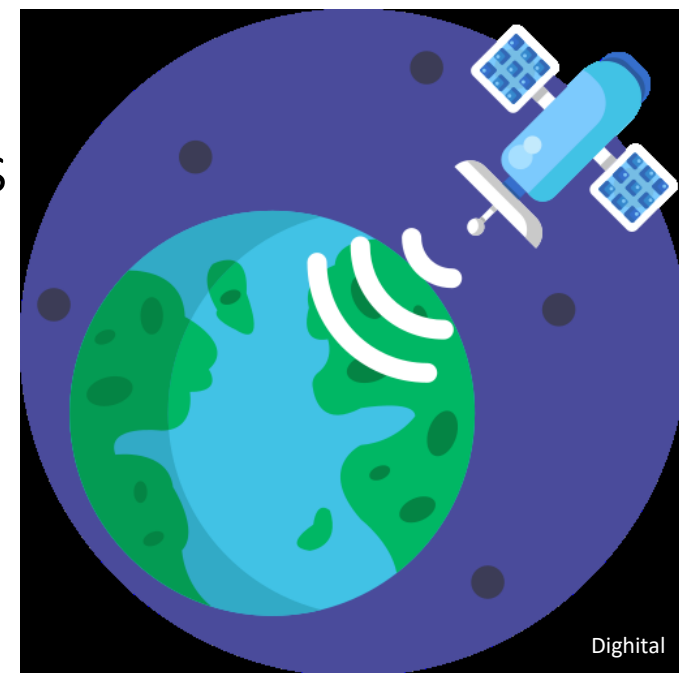
Copernicus

EGNOS



EGNOS visibility maps

- EGNOS is available over all Europe, but the terrain orography could affect the visibility of EGNOS satellites
- Provides support to users to identify EGNOS “shadow areas”



EGNOS visibility maps

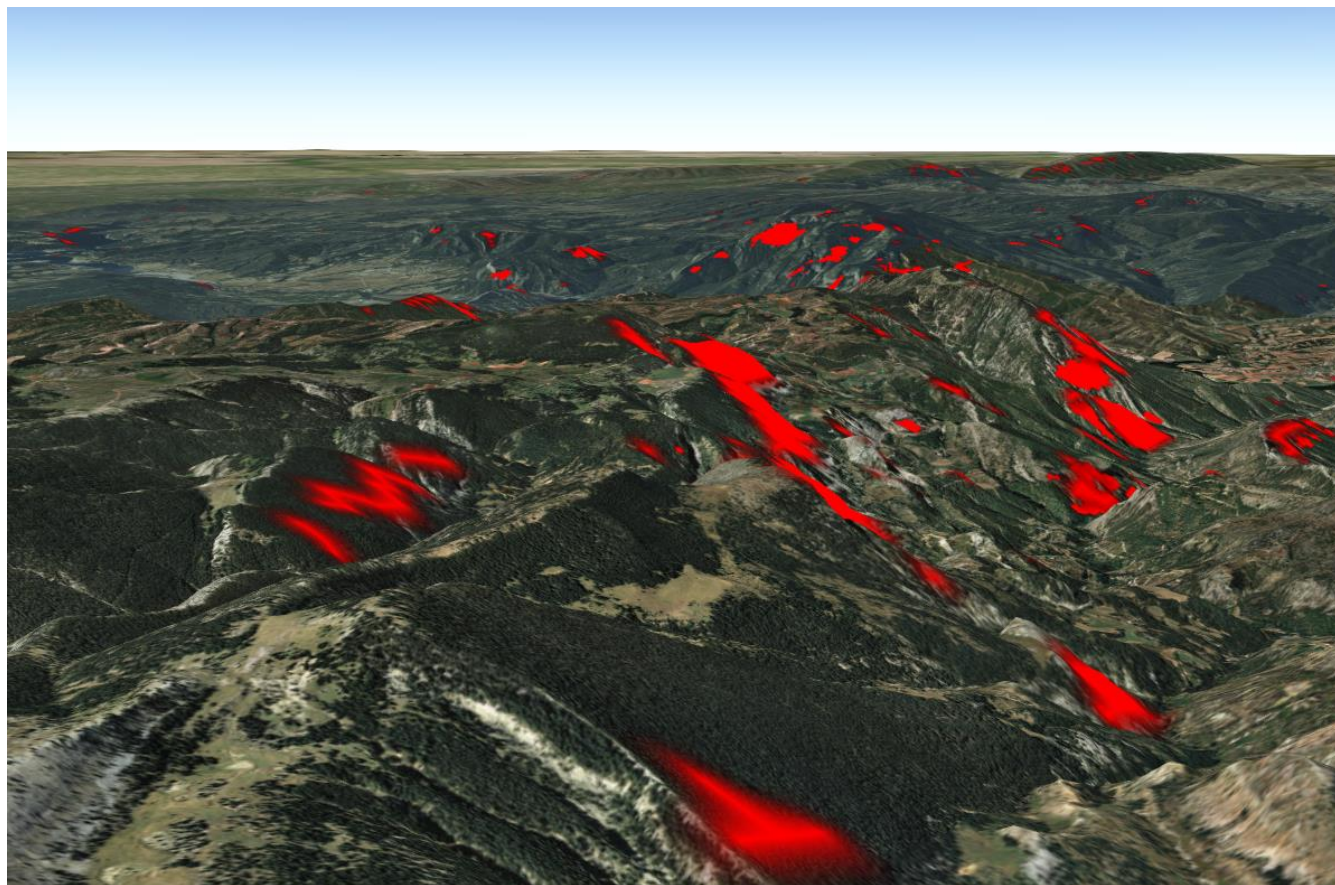
- Visualization of natural areas.
- Map based on the Digital Elevation Model over Europe (Copernicus Programme)

https://egnos-user-support.essp-sas.eu/new_egnos_ops/resources-tools/egnos-visibility-maps



EGNOS visibility maps - Visualization

- Maps can be zoomed in and out, allowing 3D view.
- Possible to select shadow areas for one GEO or for both



EGNOS visibility maps- Switzerland

PRN 123



PRN 136



Combined
PRN 123
and 136



EGNOS visibility city maps

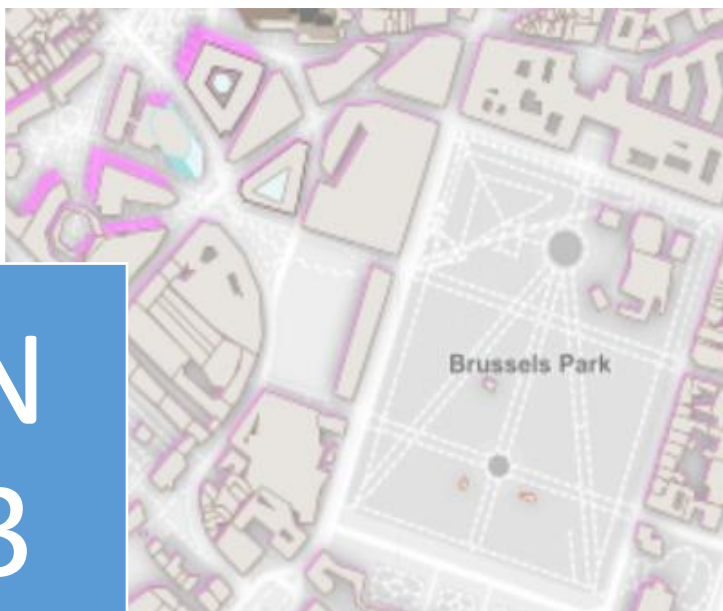
- Focused in urban areas
- Map computed using a city model based on OpenStreetMap

https://egnos-user-support.essp-sas.eu/new_egnos_ops/resources-tools/egnos-visibility-city-map

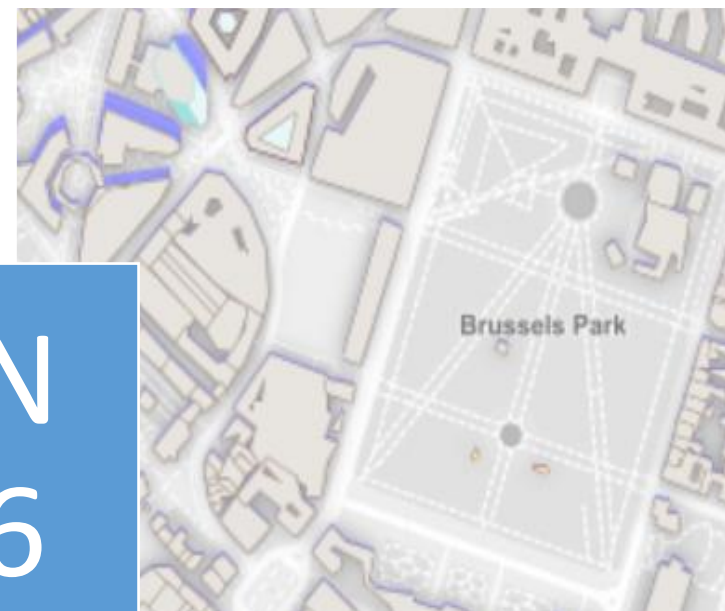


EGNOS visibility city maps- Brussels

PRN
123



PRN
136



User survey

- Were you aware of this free tool?
- Do you find easy the use?
- Is there anything you miss in the visualization?
- In case you use it, do you process it before or after data campaign?

https://egnos-user-support.essp-sas.eu/new_egnos_ops/resources-tools/egnos-visibility-maps

Linking space to user needs



How to get in touch:



European
Global Navigation
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www.GSA.europa.eu



EGNOS-portal.eu



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