



The GEO VENER Initiative

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#EGW2022

ATHENS 7-9 DECEMBER 2022





GEO VENER (Vision for Energy)

- Ensure an efficient link between the renewable energies and the GEO communities
- Stress the benefits of EO data for decision making in the development of RE
- Development of operational EO based services available for the RE community
- Contribution to SDG7 targets, REPOWER-EU, the Green Deal objectives, Paris Agreement



GEO VENER

- Legacy of the Energy Community of Practices (GEO WP 2005 - 2015)
- All Renewable energies under concern, but more focus on solar and wind
- Downstream applications supporting development, operation and maintenance of RE systems
- Support decision making on the choice of the future energy mixes

EUROGEO WORKSHOP 2022



Home | webservice-energy

www.webservice-energy.org

Connexion au client W... MINES PARISTECH - C... GEO - Group on Earth ... Home | webservice-en... SoDa Service - Knowle... Min&Tel - Accueil PSL - Research Univer... Applications CCSI e-shape Other Bookmarks

WEBSERVICE-ENERGY

Home Catalog & Web Services Resources » Tools & Applications

TOOLS & APPLICATIONS

Access energy-related visualizations tools, apps and WebGIS clients.

READ MORE

TOOLS & APPLICATIONS

Access to **In-situ networks - Time-series measurements:**



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GEO VENER past and current contributions

- Copernicus Atmosphere Monitoring Service for solar radiation
- Compilation of resources in the webservice-energy.org catalogue
- Copernicus Climate Change Service for Energy
- New European Atlas for Wind
- Series of tools and applications dedicated to RE
- RE showcase in e-shape
- FlexiGIS
- REMIX



GEO VENER next topics

- Platform on solar in-situ and IoT measurements
- Solar services for urban areas
- Pilots for RE in e-shape



Next steps

- Establish a new programme for 2023-2025 period and for the GEO post-2025 WP
- Extend the GEO VENER community
- Organize the Community contribution to support the development of RE
- Extend on other RE sources than solar and wind
- Work on visibility of GEO VENER activities
- Work on animation of the GEO VENER community