



Services portfolio

Innovative solutions for tomorrow's green pioneers

Welcome to Nefino!

In a world increasingly shaped by data and technology, Nefino stands at the forefront—providing you with the best tools and solutions for efficient planning and implementation of your energy projects. Our mission is to actively shape progress in the energy sector through outstanding geodata, innovative analytics, and tailored Software-as-a-Service solutions.

With in-depth expertise, years of experience, and strong knowledge of the industry, we understand the complexity and challenges of developing renewable energy projects. That’s why we are committed to supporting our clients with precise, up-to-date, and comprehensive geodata, alongside needs-based analytics.

Through our web-based software solutions, we enable our clients to independently benefit from our geodata and analysis tools. This allows them to access the required information anytime, make data-driven decisions, and implement projects safely and efficiently.

Whether for wind farms, solar installations, or other energy projects — Nefino is your reliable partner.

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Infrastructure Types

The **energy transition needs specialists** for every building block. Our geodata, analyses, and intelligence services cover the entire spectrum of future-proof energy infrastructure. The following icons help you see at a glance which of our solutions support your **specific projects**.



Wind Energy

From site search to repowering — we optimize every step of your wind project. **Our 6,000+ geodatasets and AI-powered market analyses minimize risk and maximize returns.** Precise flight-path analyses and site assessments secure your project's success.



Solar Energy

Open ground, Agri-PV, or floating — we find the optimal sites for every solar concept. Detailed soil assessments, shading analyses, and regulatory checks accelerate your approval procedures. **Data-driven strategies for maximum returns.**



Battery Storage (BESS)

Storage is the key to the energy transition — we find the best sites for it. From grid connection analysis to site optimization for location-based projects. **Our intelligence services identify synergies between generation, storage, and offtake.**



Hydrogen

H₂ is the future — we make it plannable. Regional demand analyses, electrolyzer site evaluations, and identification. **With our feasibility study, we accompany you through the first steps of your hydrogen project.**



Grid Expansion/Substations

No grid, no energy transition. Grid capacity analyses, substation site planning, and bottleneck identification. **Intelligent solutions for a resilient and future-proof grid infrastructure.**

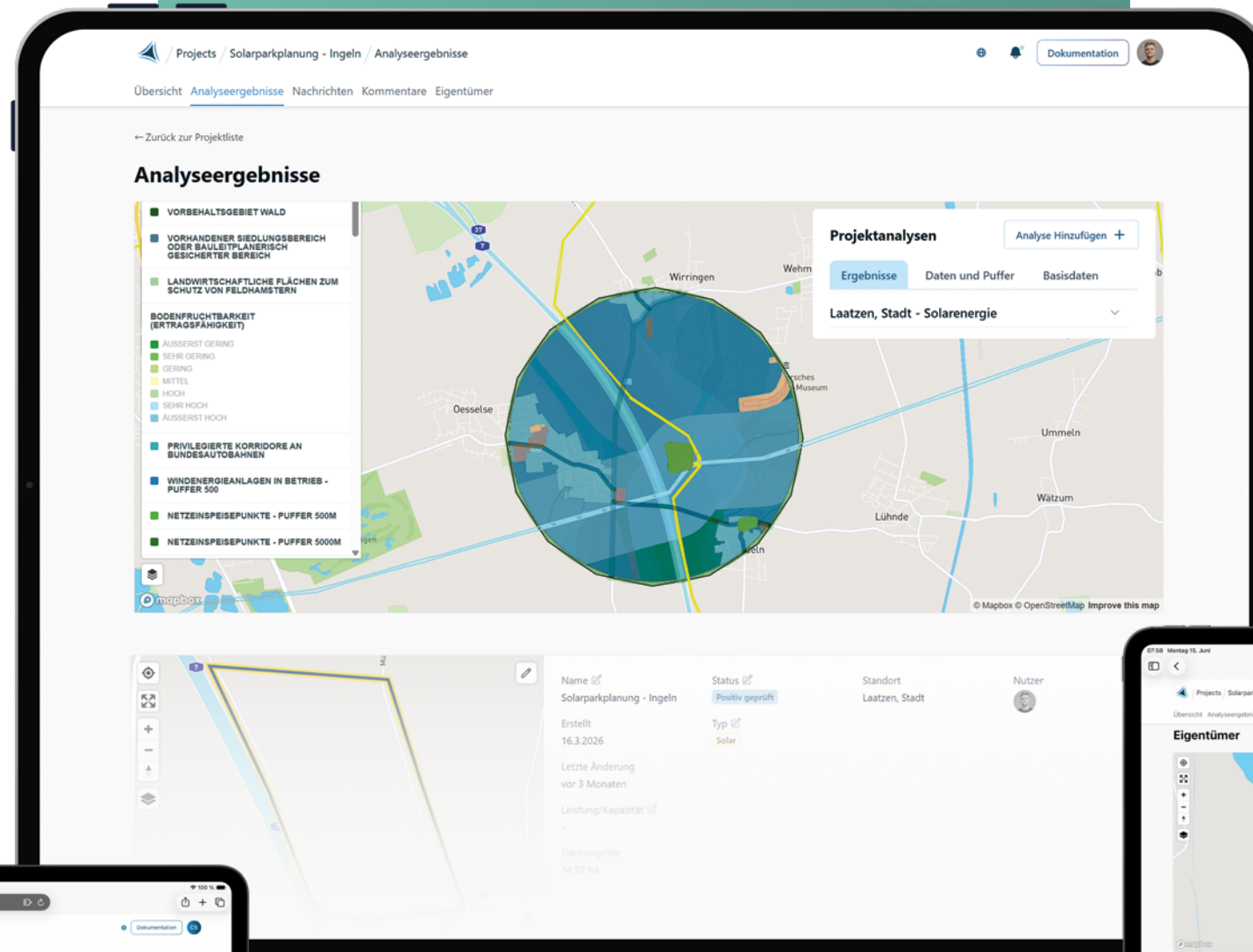


Nefino.LI Projects

Area analyses, procedural information, and land parcels – for the first time project-specific in a single tool.

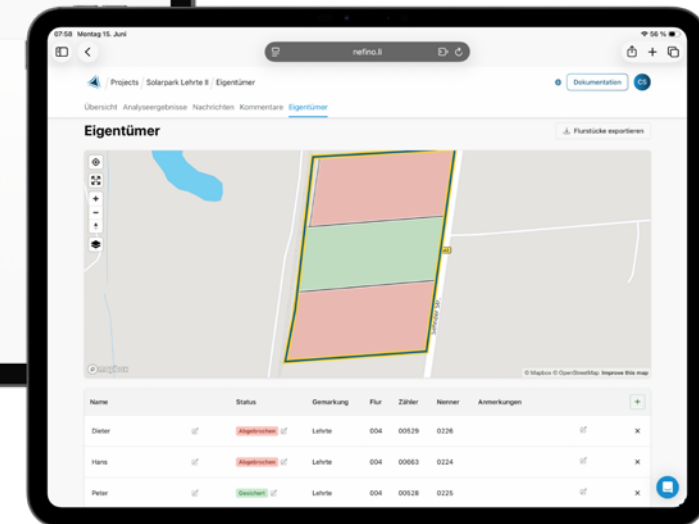
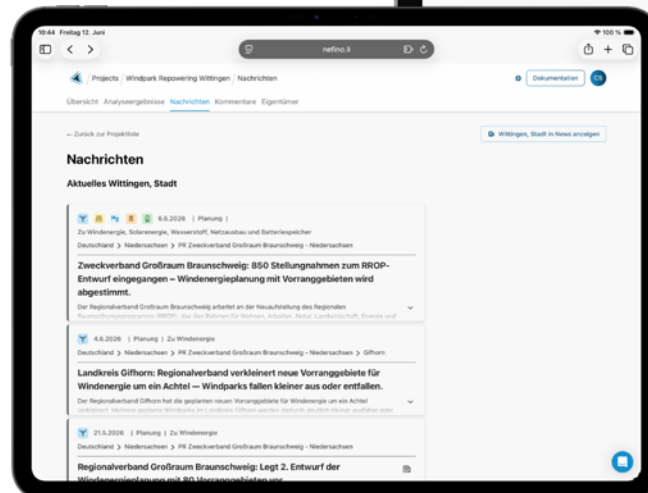
From the first glance at a site to land acquisition – everything in one application.

- Bundle every site in a project – procedures and parcels are automatically assigned to the correct project context
- Evaluate locations directly in the project: exclusion zones and restriction areas visible immediately, without a separate GIS
- Keep the procedural status in view per project – resolutions and plans are automatically assigned to the relevant sites
- Manage parcels and owners on a project basis – with a clear status from first contact to land acquisition
- All projects, sites, and procedures in one view – the entire team working from a single data basis



Your Benefits

- Faster from site to decision – Initial assessments completed in minutes and all information already in the project context
- No missed opportunities, no nasty surprises – See early on what is happening in your planning and approval areas
- Less friction in the team – one maintained database instead of scattered spreadsheets and isolated solutions
- More projects with the same team – Less research and maintenance effort per site leaves more time for development



Nefino.LI News

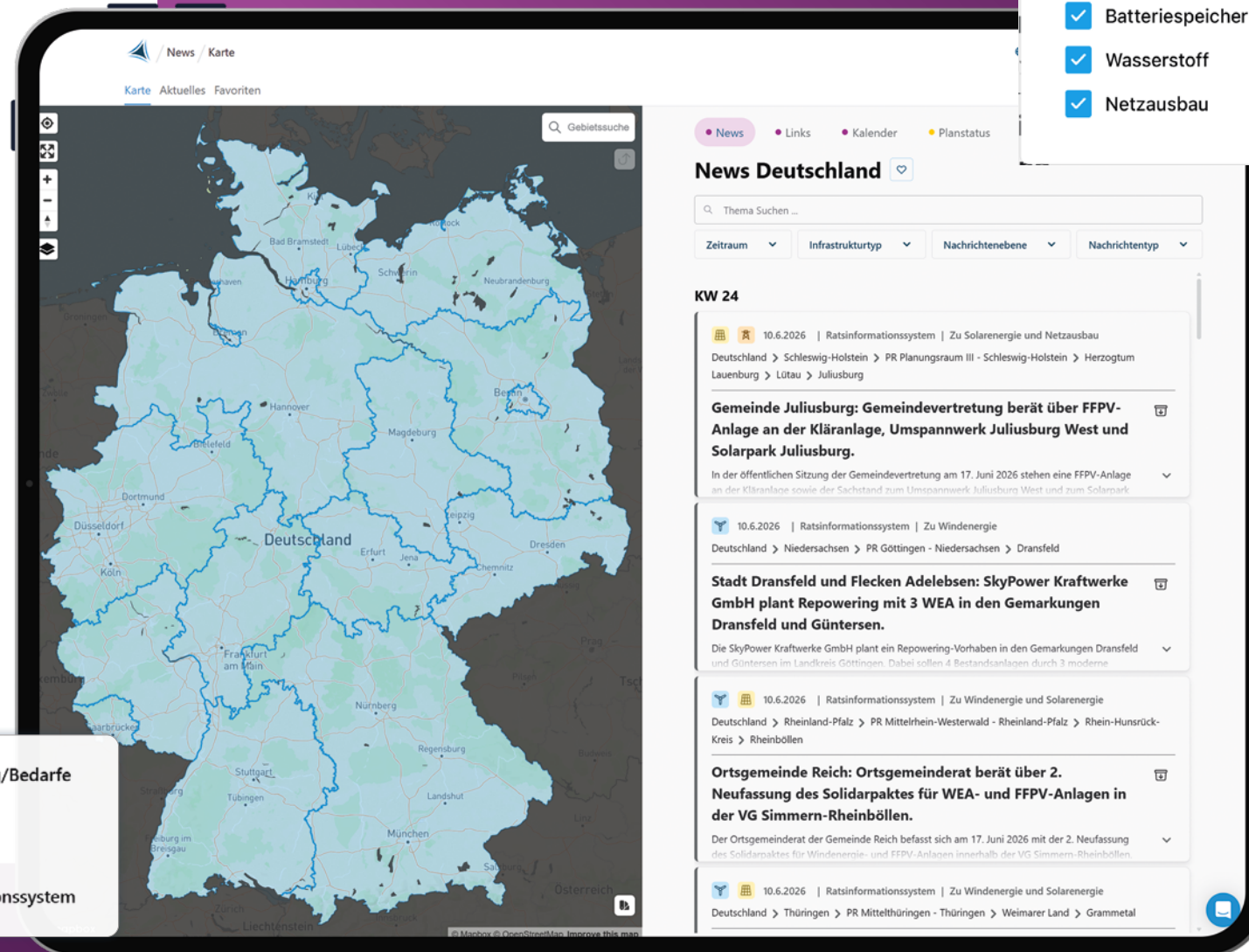
Germany's central InfoHub for renewable energy project developers.

Three Tasks. One Platform.

Nefino.LI News addresses three central tasks in a developer's daily work: Recognizing land opportunities early, monitoring ongoing projects against regulatory risks, and observing the competition systematically – updated daily, AI-supported.

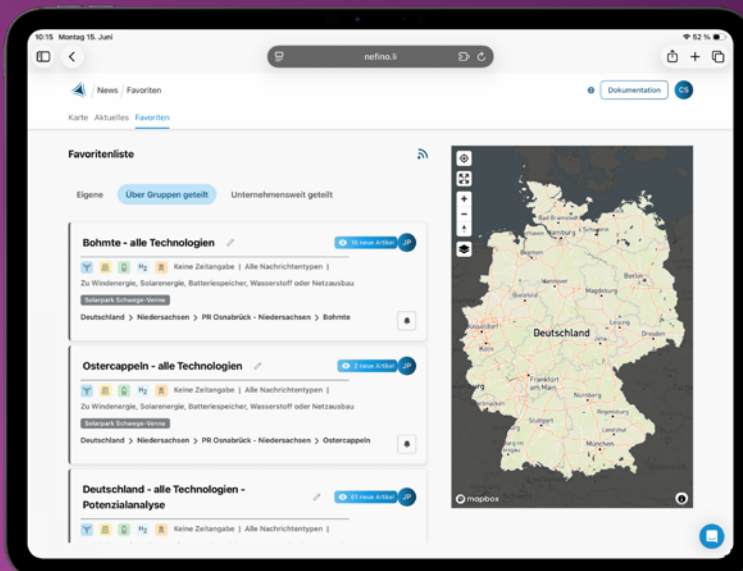
- New area designations and tenders for wind, solar, BESS, H₂, and grid expansion at a glance
- Overview of complex planning developments despite the multitude of planning authorities in Germany
- Council information systems and planning portals at all levels tracked automatically on a daily basis
- Approval procedures, new protected areas, and regional plan amendments in view – before they endanger existing projects
- Systematically track competitor activities and recognize spatially adjacent projects as cooperation potential

- ✓ Ausschreibung/Bedarfe
- ✓ Planung
- ✓ Projekte
- ✓ Ratsinformationssystem



Your Benefits

- Daily updated market picture across technologies and regions – without manual research effort
- Competitive landscape at a glance – defensively and offensively (e.g., cooperation potential in grid connection planning)
- Quick overview of planning statuses of all planning authorities – from municipality to federal level
- Direct integration of council information systems for a clear information advantage
- Diverse filters, **favorites**, and **push notifications**
- Unlimited number of users – market information becomes team knowledge
- Web-based, no IT effort, direct support via chat or phone



Informed earlier.
Better decision-making.
Nefino.LI News.



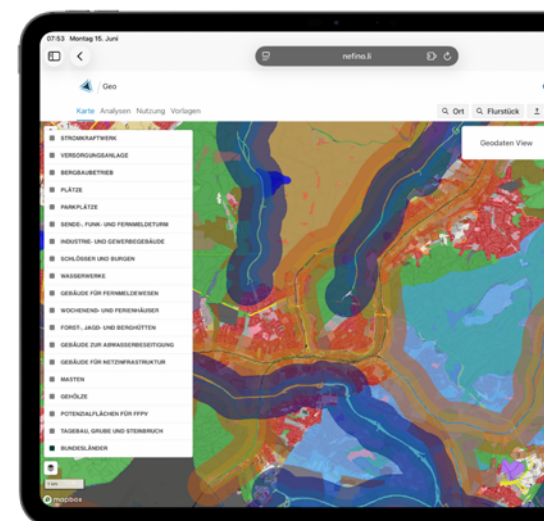
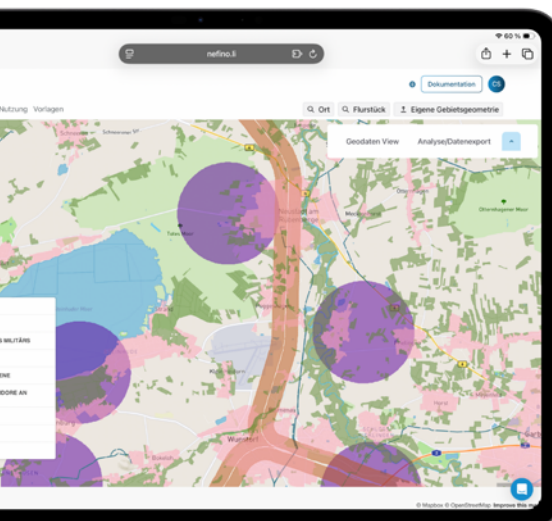
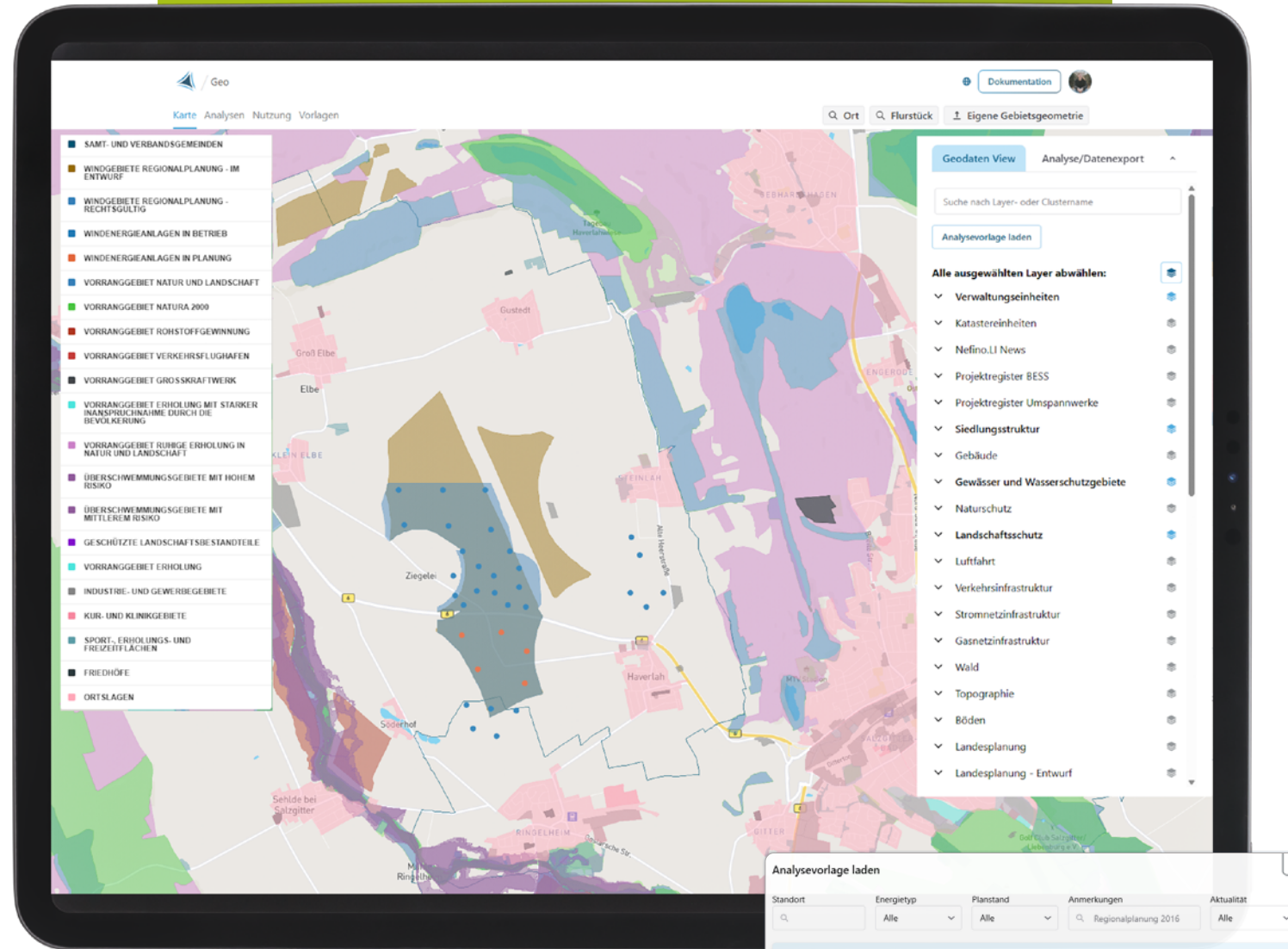


Nefino.LI Geo

Independent, fast, and precise area analyses.

Web-based area analysis for wind, solar, BESS, and hydrogen – with integrated WebGIS, over 6,000 geodata layers, and assistant-based user guidance.

- Integrated WebGIS: Visualize, query, and print geodata and analyses directly as maps
- Analysis templates for wind, solar, and BESS – site-specific, regulatorily up-to-date, shareable within the team
- Assistant-based user guidance from area selection to export
- Upload own geometries, select high-resolution raster data
- Results integrable via API and download into your own GIS systems



Develop more efficiently
without GIS expertise –
with Nefino.LI Geo.

Your Benefits

- **Integrated WebGIS**
no external viewers needed
- **Flat rate for analyses**
unlimited runs, no individual pricing
- **6,000+ geodata layers**
27 data clusters, continuously updated
- **Address and parcel search**
including multi-selection for targeted navigation
- **Flexible buffering**
extensive options for nearly every criterion
- **Direct data export**
all common formats and coordinate systems
- **No GIS know-how required**
assistant-guided, intuitively operable



Planning Status

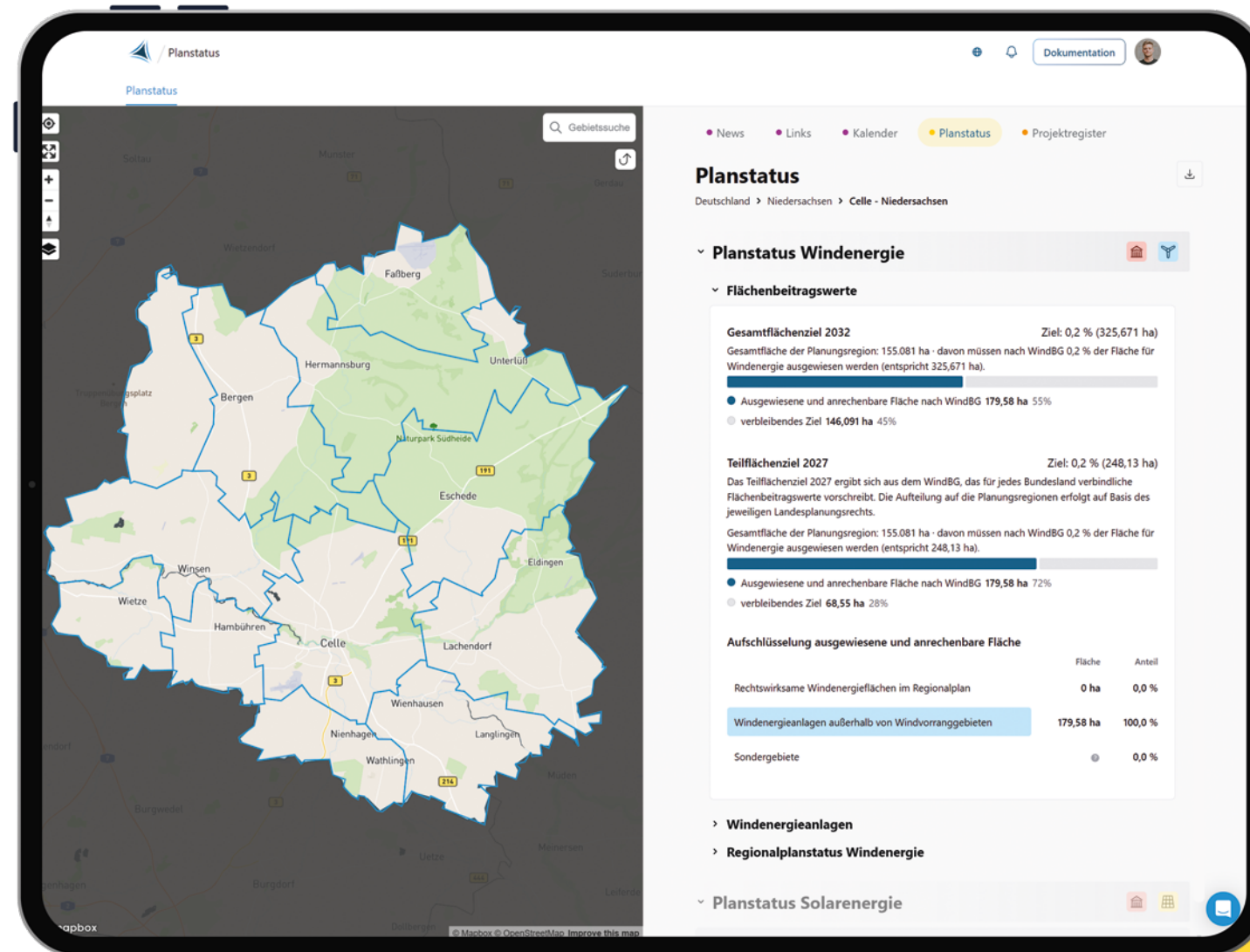
Strategic Planning Basis

Timeliness and Quality

- A **monthly updated** dataset showing the current status at different planning levels in Germany
- Explicit evaluations of area targets as well as designated, developed, and planned areas
- Tabular provision of results for analytical comparisons and systematic prioritization of planning regions

Your Benefits

- **Strategic planning basis**
Sound decisions for land acquisition and resource allocation
- **Identify potentials**
Identify regions that designate more area than legally required
- **Identify gaps**
Find the largest difference between area targets and actual designation
- **Measure progress**
Planning progress according to §5 WindEG and municipal solar concepts at a glance
- **Source-linked**
Every data point with original source & download
- **Web & Download**
Interactive map, no installation, no IT effort



Understand area designation.
Recognize potential.
Nefino.LI Planning Status.

WIND AND SOLAR

One product. Two energy types.
Complete coverage.

PLANNING STATUS WIND ENERGY

Monthly updated status of wind energy planning
at regional planning level in all 16 federal states.

- Area contribution values per planning region
- Designated vs. Planned areas
- Planning progress according to §5 WindEG
- Direct links to regional plans
- Export as .gpkg, .shp, .gdb, .xlsx

PLANNING STATUS SOLAR ENERGY

Recording of solar energy planning at municipal
level, with area designations and planning
concepts.

- Municipal planning concepts
- Direct links to planning documents
- Overview of existing and planned solar projects
- Export as .gpkg, .shp, .gdb, .xlsx, as well as heatmaps

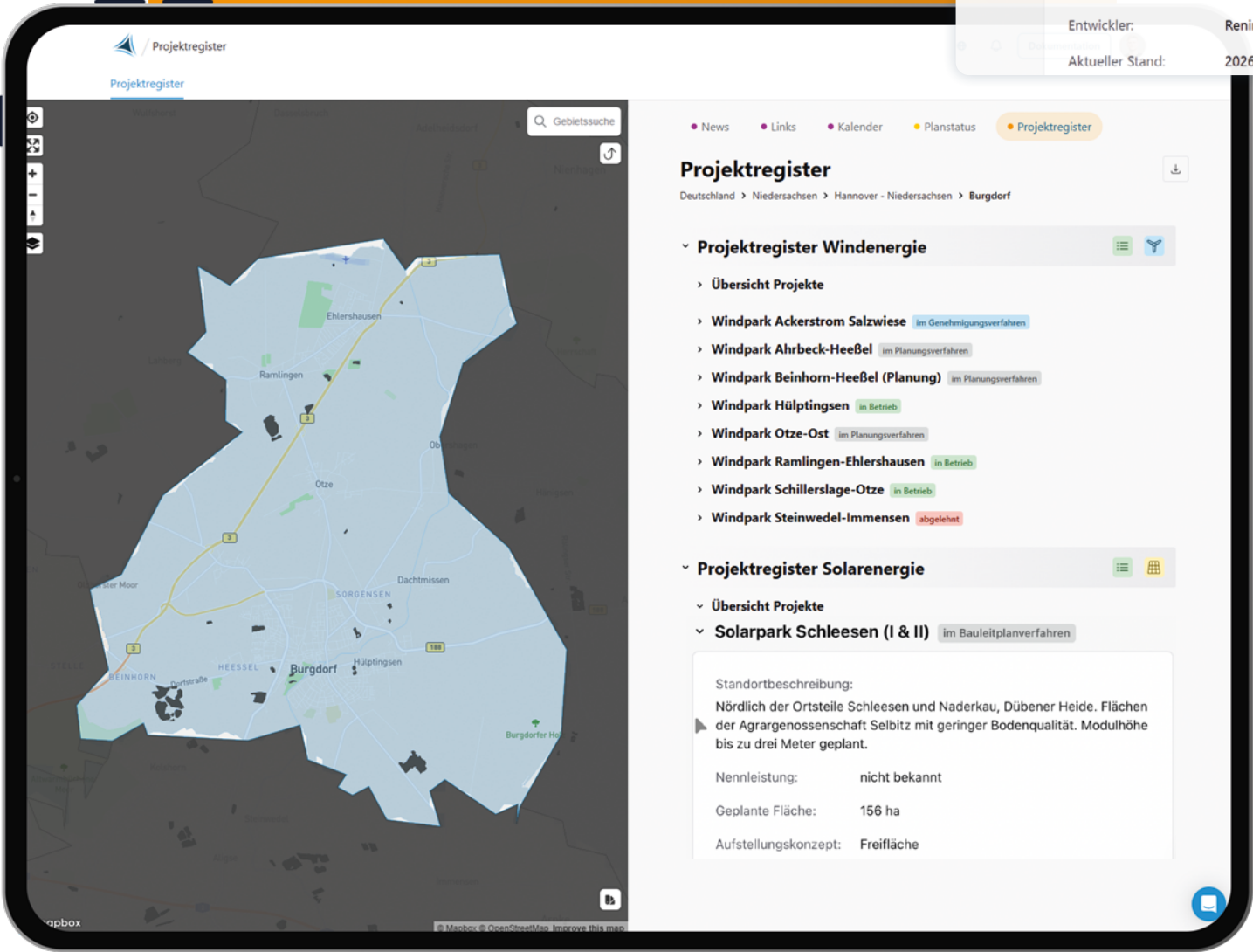
Project Registry

Knowing, where Germany is planning.

At a Glance.

Wind and solar energy projects, as well as BESS and substations in Germany. Now as a standalone web app with interactive map and export function (.gpkg, .shp, .gdb, .xlsx).

- 4,500+ planned and ongoing energy projects nationwide
- Interactive map with area search – wind, solar, and BESS in one view
- Rated capacity, number of units, developer, planning status at a click, and more
- Complete project history incl. rejections
- Direct links to council information systems, planning documents, and press articles



Your Benefits

- **Unique Market Transparency**
Overview of Germany's energy infrastructure pipeline
- **Project Acquisition**
Evaluate portfolios and approach developers in a targeted manner
- **Flexible Data Formats**
.xlsx, .gpkg, .gdb, .shp for seamless GIS integration
- **Monthly Updated**
AI-supported capture from Nefino.LI News

To keep an eye on the competition – with Nefino.LI Project Registry.

USE CASES

From site securing to grid planning

Competitive Monitoring
Keep an eye on competing projects in spatial proximity

Land Acquisition
Focus on regions with little competition

Cooperations
Create synergies and identify cooperation potential

Geodata as a Service

Germany's highest-quality geo-database for renewable energy projects.

A central source for all relevant geodata – prepared, harmonized, and analysis-ready via API.

- **Harmonized nationwide**
Uniform structure across all 16 federal states, no manual mapping
- **Immediately analysis-ready**
Harmonized attributes, cleaned geometries, uniform data types
- **Fully documented**
Source information, timeliness information, and changelog for every dataset
- **Seamless integration via API**
One access point for all layers, directly integrable into existing GIS systems

Selected Geodata Sets:

Nature and Environment

- Forest
- (Avi-)Fauna
- Nature conservation
- Water bodies & water protection
- Landscape conservation
- Soils
- Open land
- Topography
- Raw materials

Infrastructure and Space

- Settlement structure
- Aviation
- Buildings
- Transport infrastructure
- Other infrastructure
- Administrative units
- Cadastral units
- Telecommunications

300+
integrated sources

110+
planning regions
fully recorded

30+
geodata clusters

Planning and Law

- Regional planning
- Development planning
- EIA-requiring projects
- Regional planning – Draft

Energy

- Power grid infrastructure
- Energy-intensive industry
- Wind energy
- Solar energy
- Wind energy area framework
- Other generation units
- Gas grid infrastructure
- Storage infrastructure
- Favorability criteria open-ground PV

Regional planning

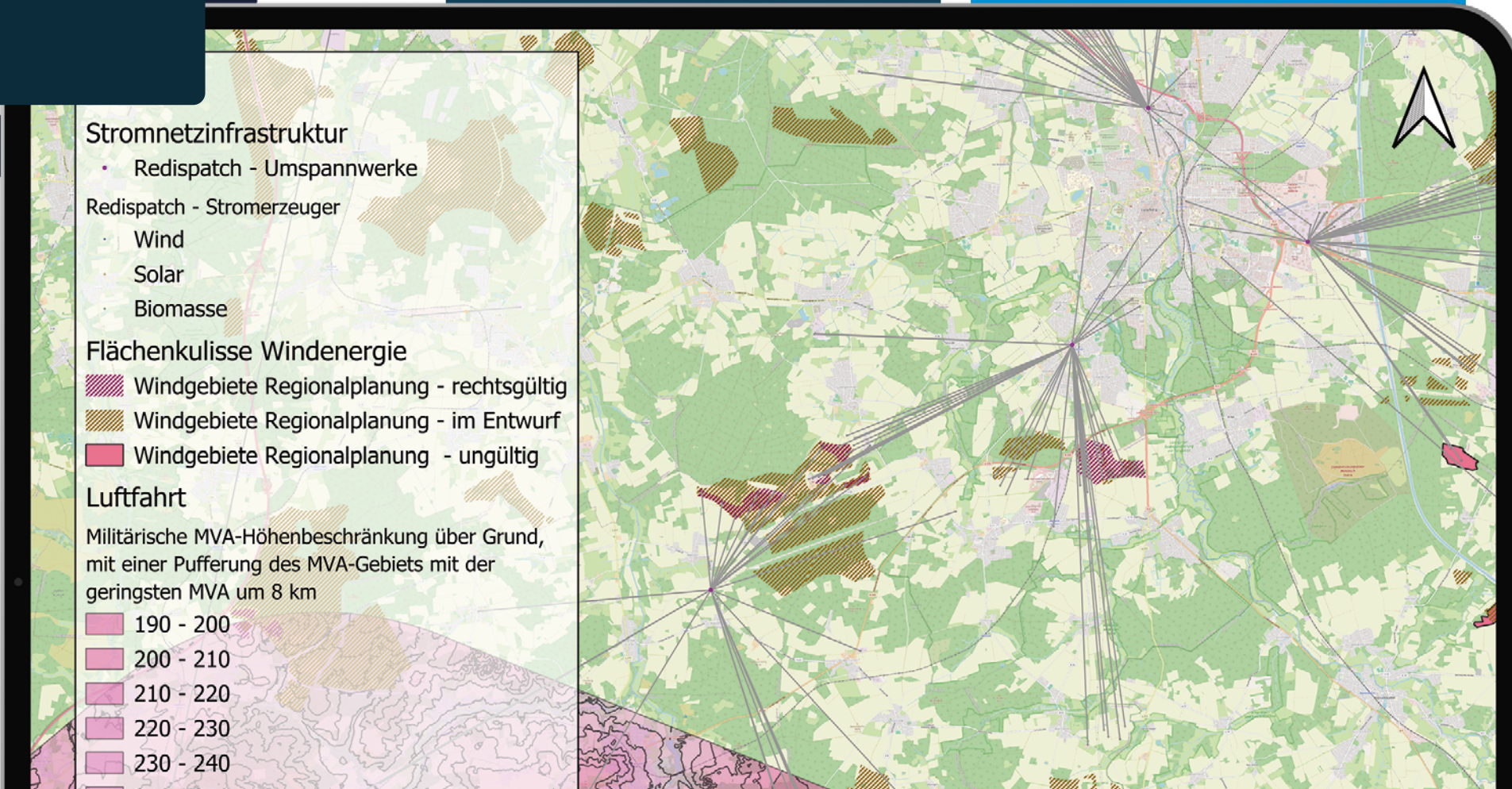
110+
Planning regions recorded

- Regional planning
- Regional planning – Draft
- Regional planning – Invalid

We implement changes to planning regions directly – without any effort for your team.

Missing a dataset you need?

Contact us – we will source it. Nefino is not a static catalog, but an active partner.



Area Analysis for Project Proposals

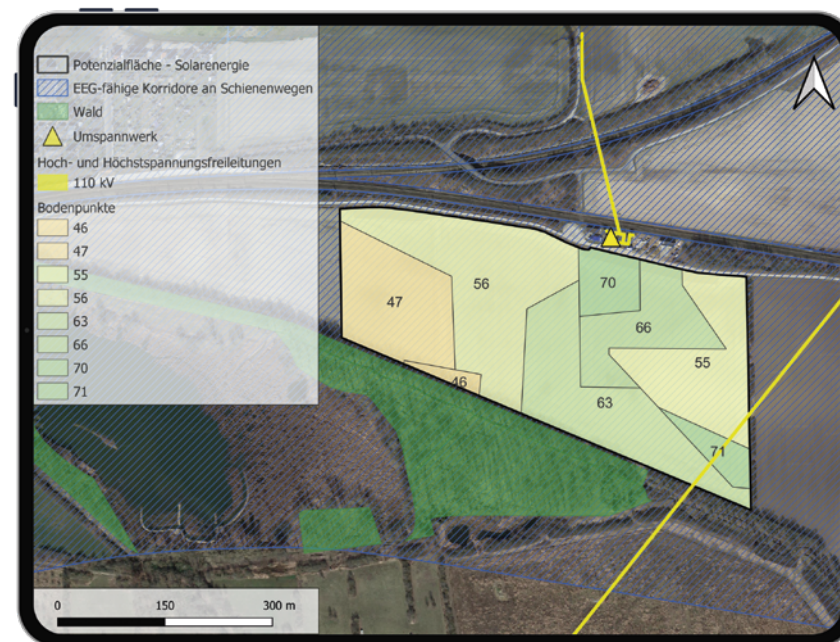
Project planning without unwanted surprises.

Our Area Analysis Solution

- Fast and reliable identification and assessment of site potentials for wind and open-ground photovoltaics in Europe
- Consideration of all restriction and favorability criteria for projects
- Basis for fast and effective land acquisition and project development

Highly Flexible and Comprehensive Analyses

- Adaptation of the analysis to individual requirements and region-specific conditions
- Execution of detailed area potential analyses in arbitrarily large study areas – from federal to municipal level



Detailed Analyses of Individual Sites

- Consideration of municipal regulatory framework conditions
- High-quality site fact sheets as a tool for land acquisition
- Detailed description of case-specific and favorability criteria on the site
- On request: Initial layout planning and yield calculation

Portfolio Valuation

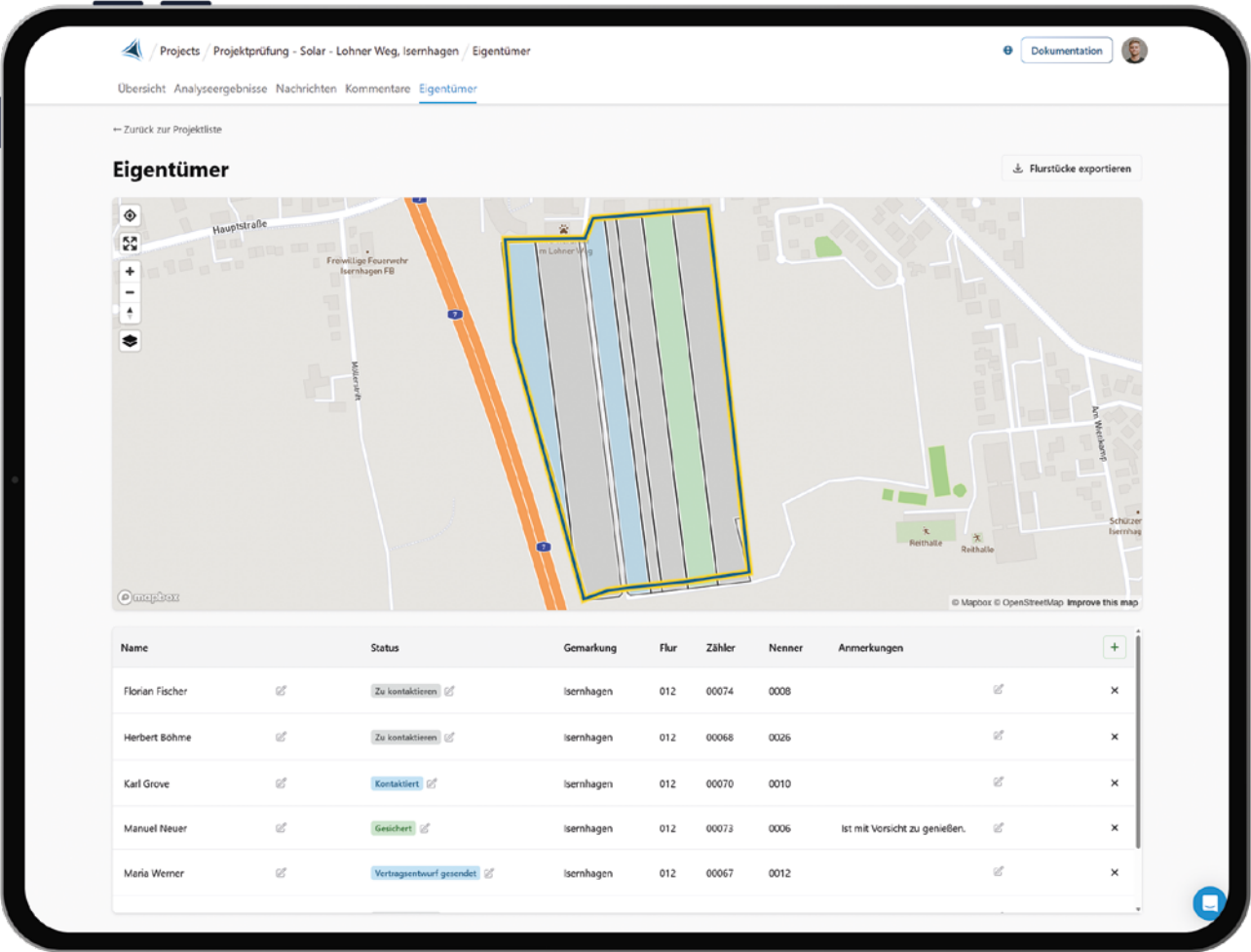
- Detailed assessments of repowering potential for selected wind farms
- Determination of expansion potential of existing wind farms
- Examination of potential combined land use – e.g., wind turbines and open-ground PV
- Sound data basis for M&A processes and due diligence valuations of wind farm portfolios

Optimize the efficiency
and hit accuracy of
your area acquisition!



Landowner Data Research

Who are the owners of the identified potential site?



Landowner Data of the Potential Site

- Nationwide landowner data acquisition
- Assignment of owner data to the corresponding parcels
- Delivery as parcel map or geodata set including contact details of the landowners

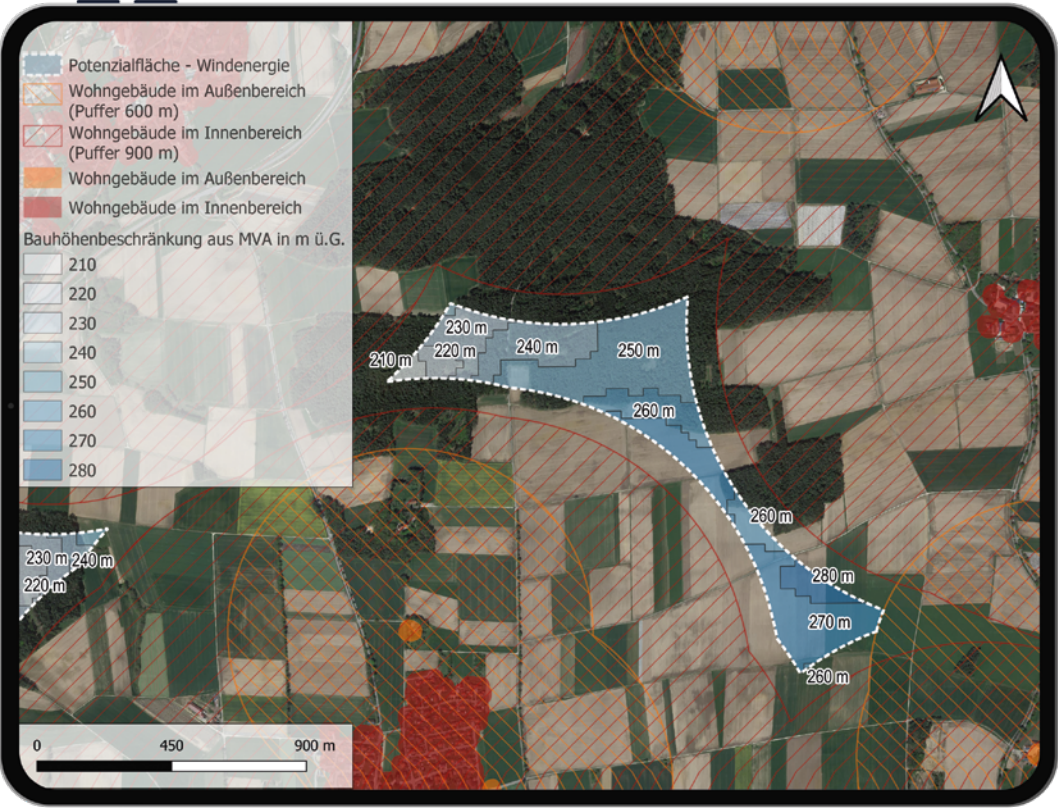
Save valuable time in land acquisition!

24-Hour Single-Site Analysis

Meaningful quick-check of individual project areas within one day

Analysis Results in 24h

- Potential site identification for wind and solar parks, as well as battery storage and hydrogen projects within one working day (from commissioning)
- Delivery of results as a GIS project
- Basis for qualitative site assessment
- Review of study-area-specific regulatory framework conditions
- Detailed examination of taboo, favorability, and case-specific criteria
- Initial identification of grid connection points
- Optional provision of detailed map illustrations and site fact sheets



Quickly obtain relevant analysis results for particularly time-critical projects!

Decommissioning Cost Assessment

What are the costs for decommissioning your wind and solar park?

Solutions for Various Use Cases

- Determination of the provision amount for new plants according to BImSchG (Federal Immission Control Act) for permit application
- Maximum planning certainty through continuous decommissioning cost assessment during operation
- Determination of later decommissioning costs for the valuation of investments in existing parks
- Forecast of actual decommissioning costs at the end of life of existing parks for developing an optimal end-of-life concept

Your Benefits

- Reliable calculations through our many years of expertise in decommissioning as a founding member of RDRWind e.V.
- Cost forecasts tailored individually to your needs
- Transparently broken-down costs of the entire decommissioning
- Recognized by approval authorities



We Value Quality. Our decommissioning cost calculations are oriented on the DIN SPEC.

Application of Current Cost and Revenue Factors

- WTG-specific material matrices and extensive database of specific building materials
- Always up-to-date disposal costs and recycling revenues
- Costs of the decommissioning team
- Optimal crane selection
- Costs of decommissioning foundation, ancillary facilities, cabling, and access roads
- Consideration of inflation adjustment throughout the entire operating period



Validation Based on Realized Decommissioning Projects

- Close cooperation with experienced decommissioning companies enables access to data from already realized decommissioning projects
- Validation of our forecasts and continuous update of our data basis based on real decommissioning costs

Gain clarity on the level of decommissioning costs for your wind farm!



**We look forward to
speaking with you!**



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