

# Schleswig-Holstein

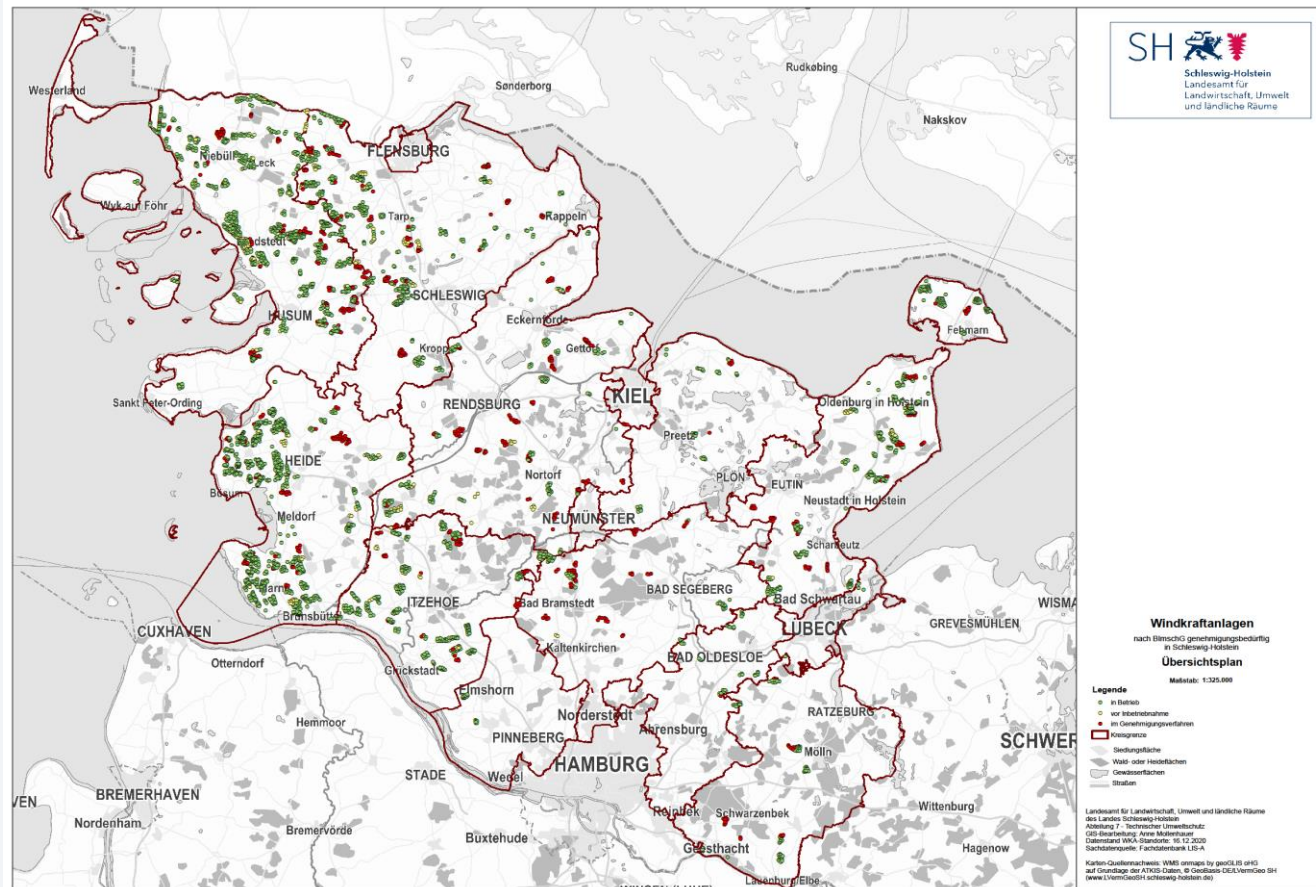
## Germany's True North

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# Onshore wind in Schleswig-Holstein – current status



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- 3000 wind turbines installed with 6,7 GW
- 240 more wind turbines already got permission and will be installed in the next months, additional 1 GW
- planning procedure for priority areas wind energy during the last 5 years
- since January 2021 the new plans are put into force
- Energy policy: to install 10 GW of onshore wind energy until 2025

## Repowering aspects in the planning process

- More than 80 criteria on different levels in the planning process had to be considered (distances to villages, airports, protected areas...)
- In the first stadium of discussing criteria it lead to the point that more than half of the existing wind turbines would be outside of these areas
- that would have meant that they could not be repowered
- Changes were made, but still 977 existing wind turbines are not in the new priority areas
- New: exclusively repowering areas (35)
- All others have to go to the „normal“ priority areas (309)

## Repowering – different aspects

- Enables development of new modern wind turbines
- Possibility for the branch to decide the development in long term process
- Also „cleans the landscape“ and chance of concentrating onshore wind in special areas
- more room for new, modern and efficient wind turbines
- long term aspects are important
- also from a planning point of view of the federal government (Bundesregierung)
- Power plants → because you need replacement after 20 or 25 years and not after 40 years like for fossile power plants
- You´ll need replacement decentralized all over the country and not only in certain areas for big power plants

## Repowering – further discussion

- Simplify the permitting process
- Speeding up the proving permission
- Not necessary to prove the same aspects as in the first permission
- Availability of sites
- Long-term planning
- Financial aspects

## New policies of EEG 2021

- EEG 2021 – new regulation (§ 23 b) for wind turbines which run out of subsidy in December 2020 and December 2021
- They will put into effect a new tender system for wind turbines, which can not be repowered in the same location
- Bid at least 3 cents per kWh, max. 3,8 cents per kWh
- Claim to payment ends December 2022