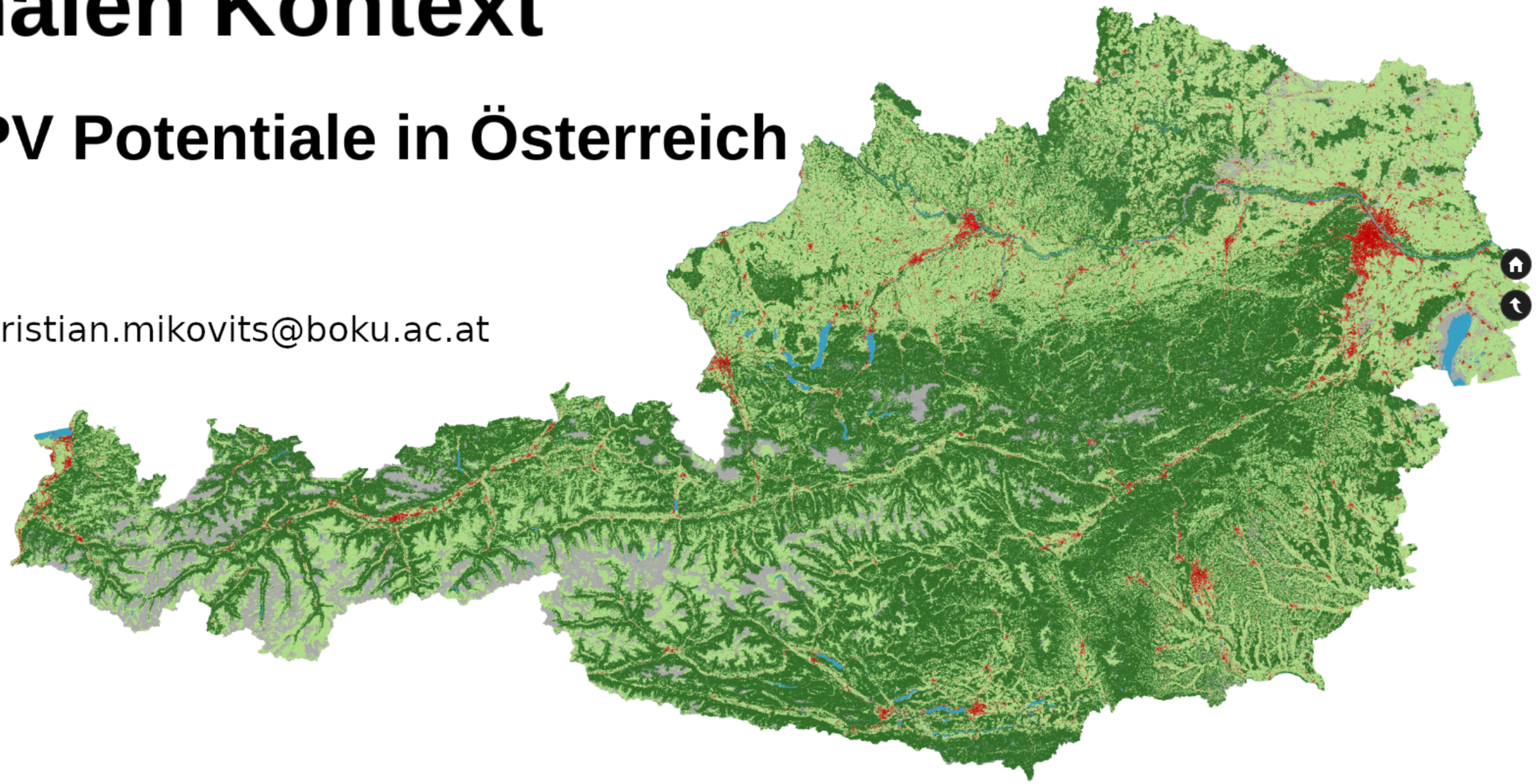
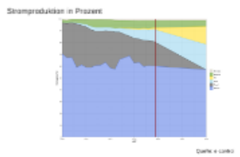
Windkraft und Photovoltaik im regionalen Kontext

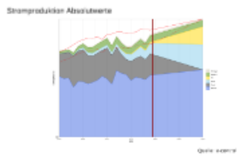
Wind + PV Potentiale in Österreich

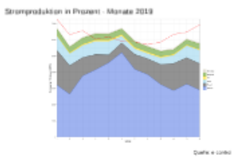


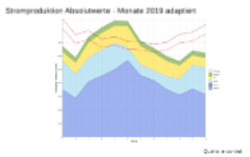
Kontakt: christian.mikovits@boku.ac.at

EAG - Erneuerbaren Ausbau Gesetz

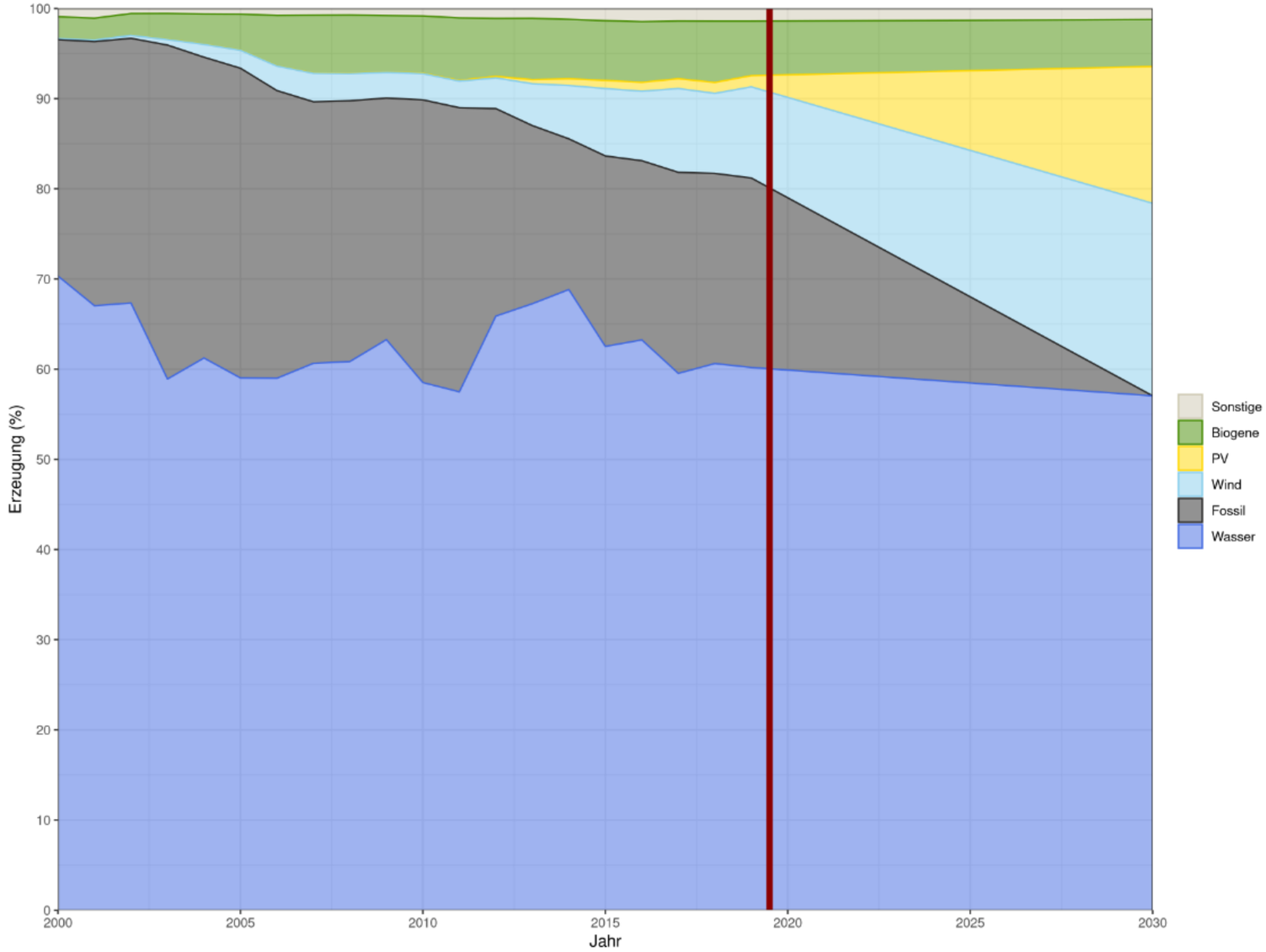








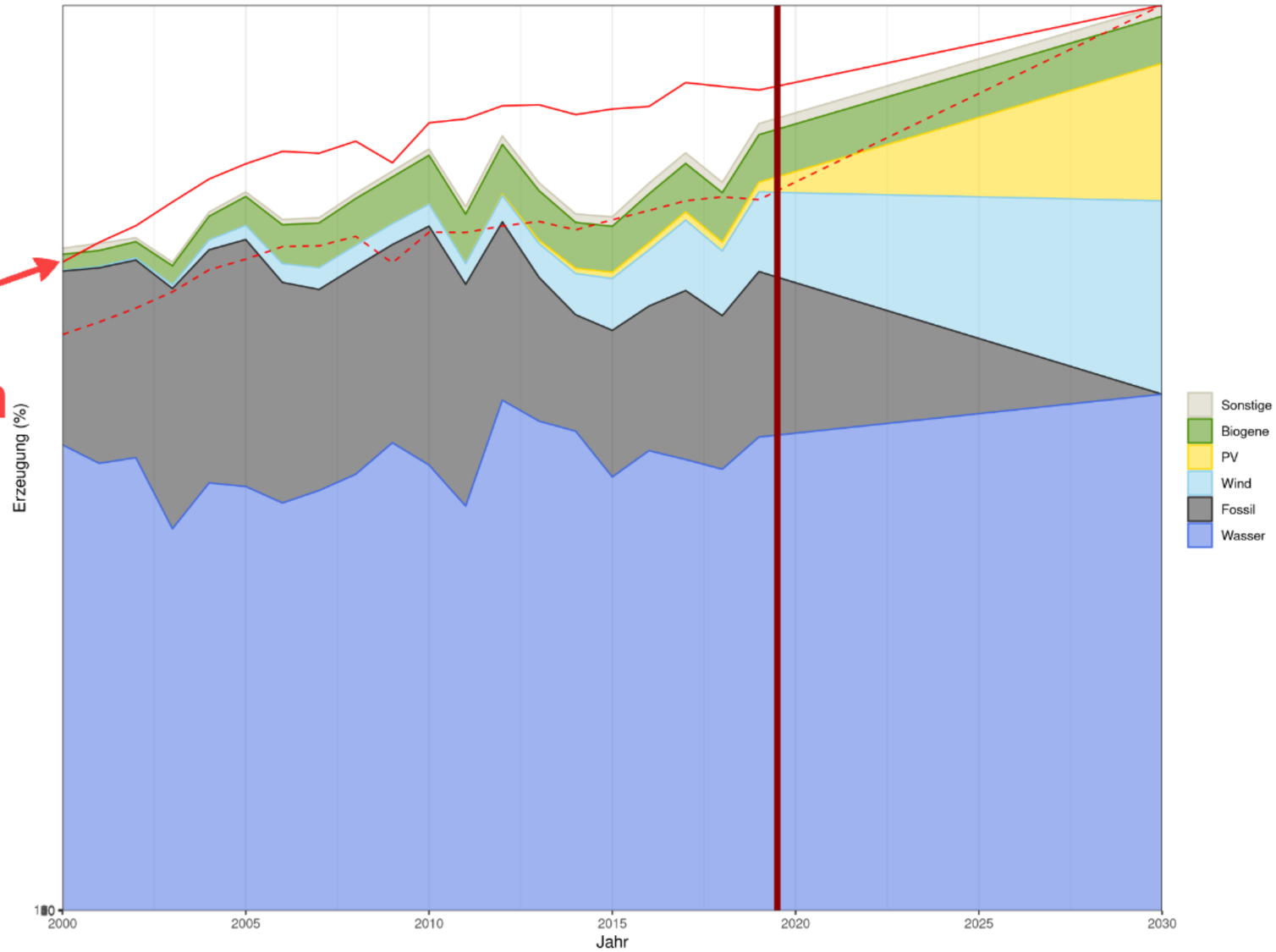
Stromproduktion in Prozent



Quelle: e-control

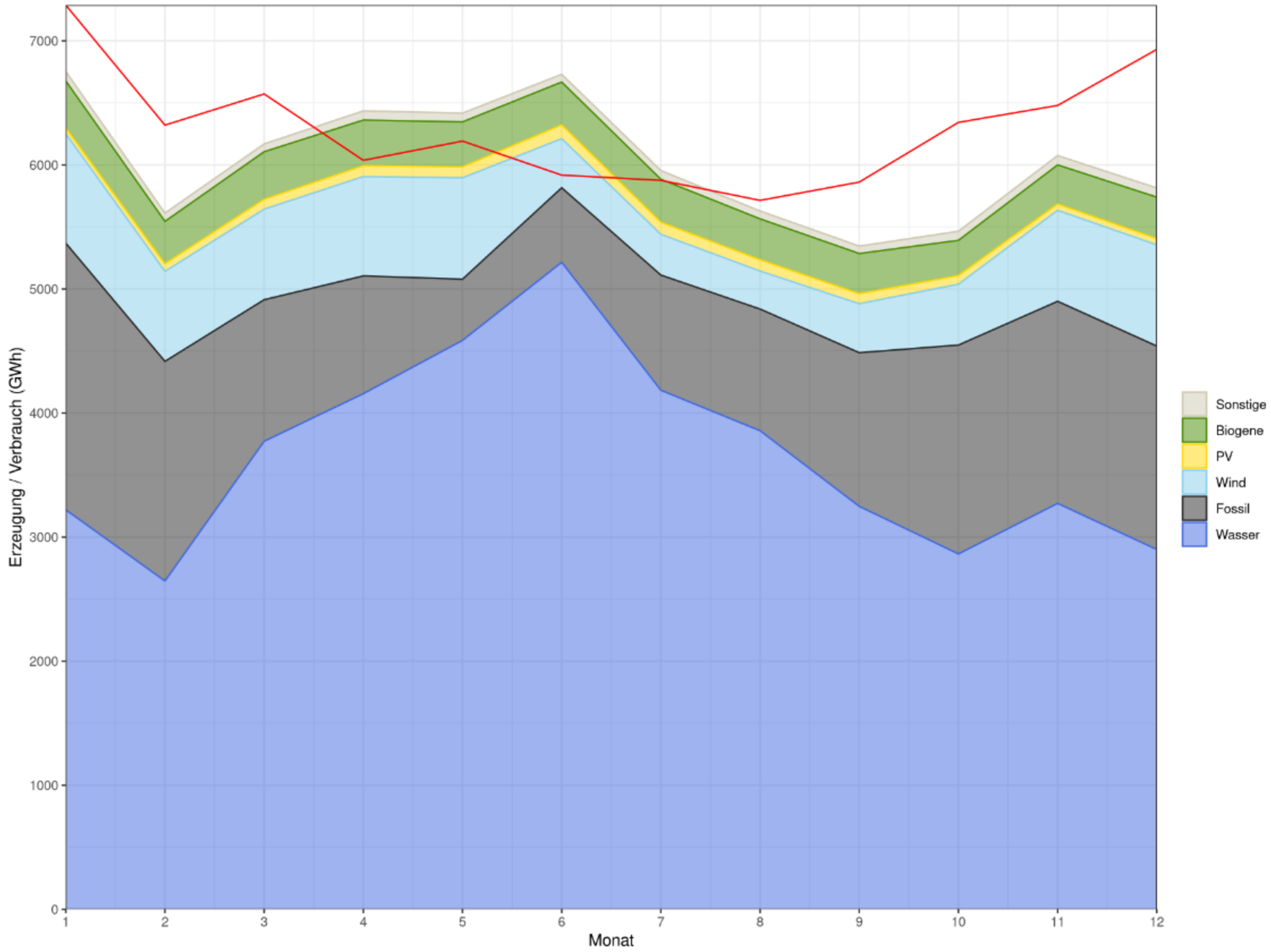
Stromproduktion Absolutwerte

Verbrauch in 10 Jahren - 1% & 2% jährliche Zunahme



Quelle: e-control

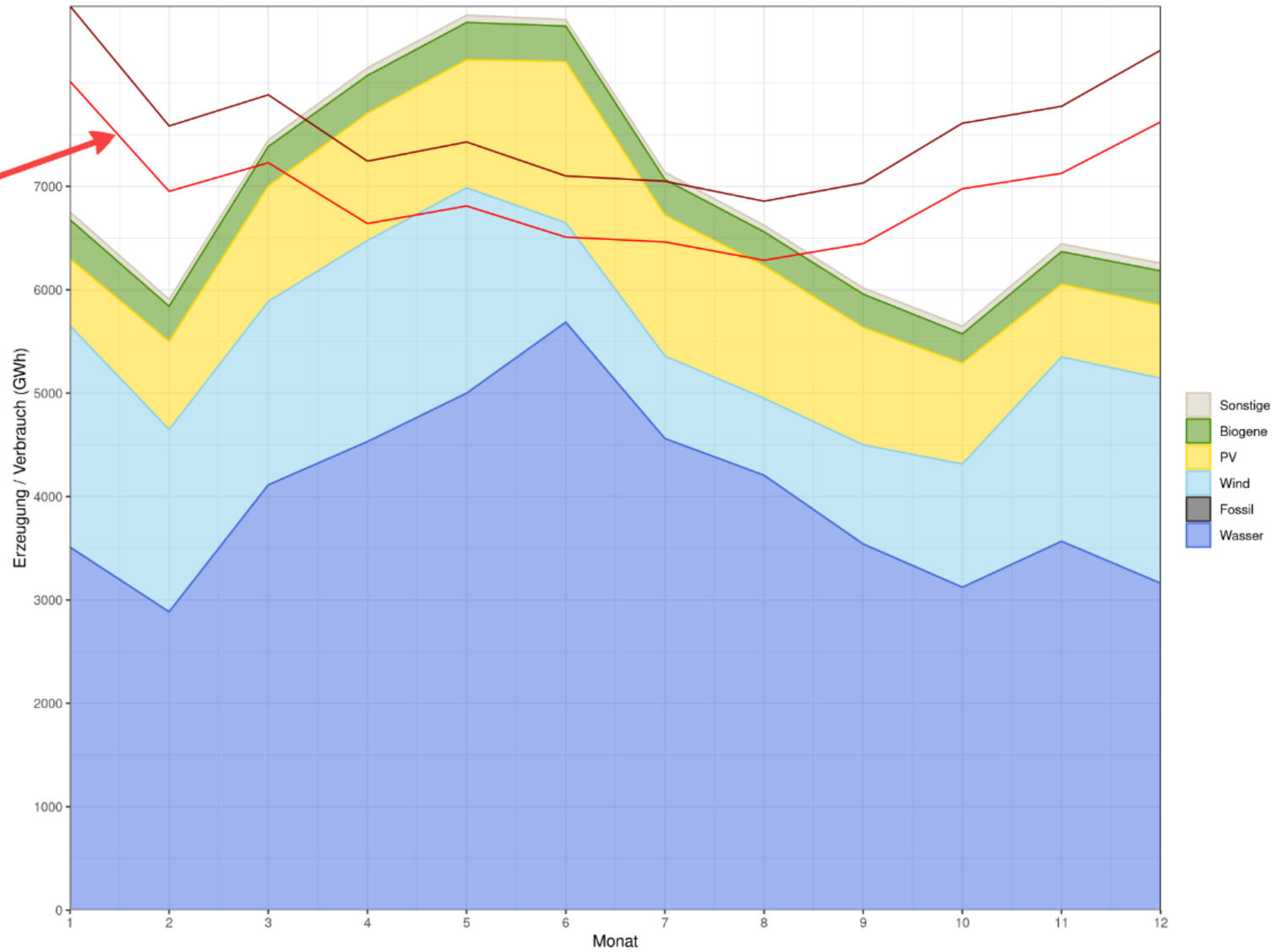
Stromproduktion in Prozent - Monate 2019



Quelle: e-control

Stromproduktion Absolutwerte - Monate 2019 adaptiert

Verbrauch in 10 Jahren - 1% & 2% jährliche Zunahme



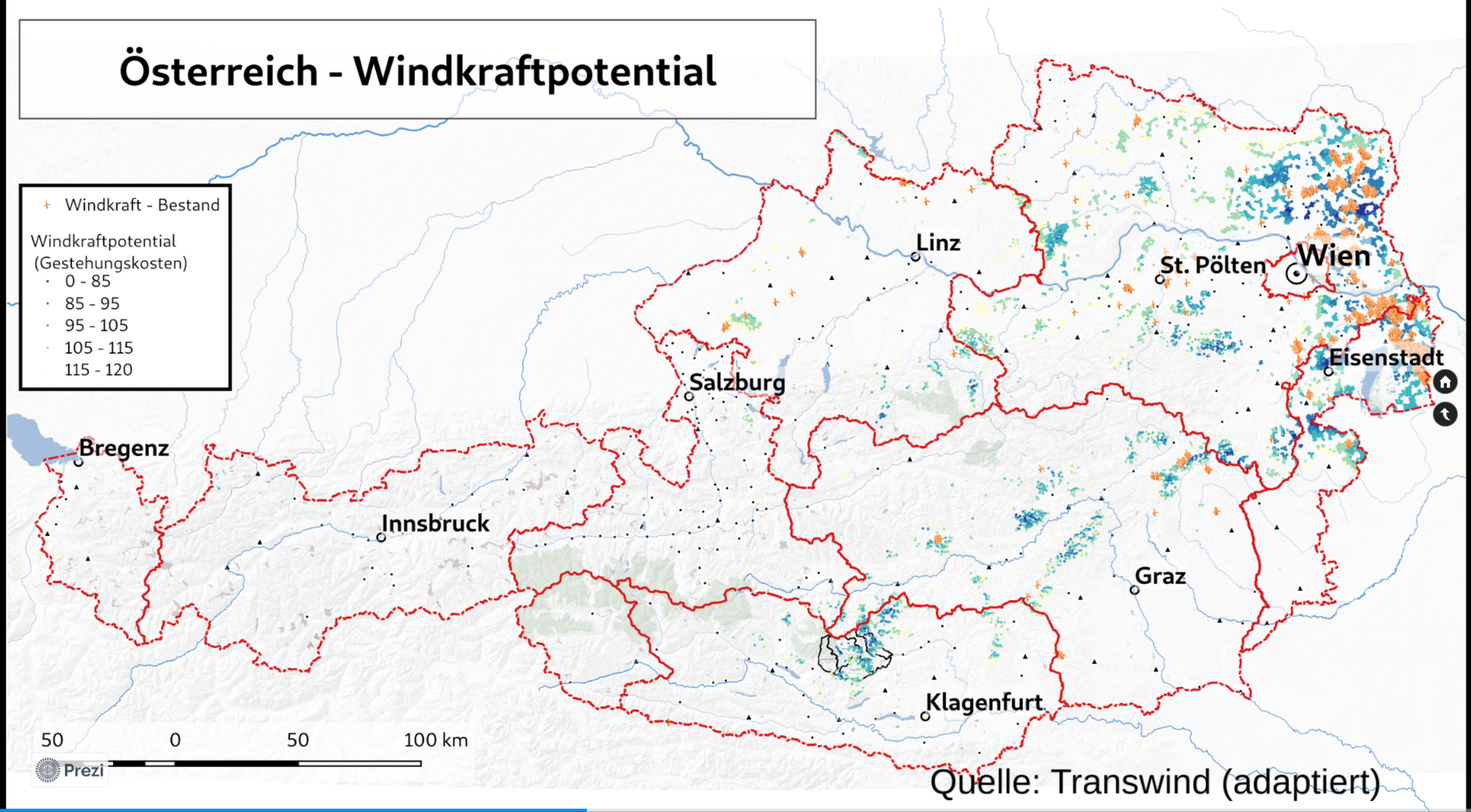
Quelle: e-control

Standorte & Regionale Verteilung

Status

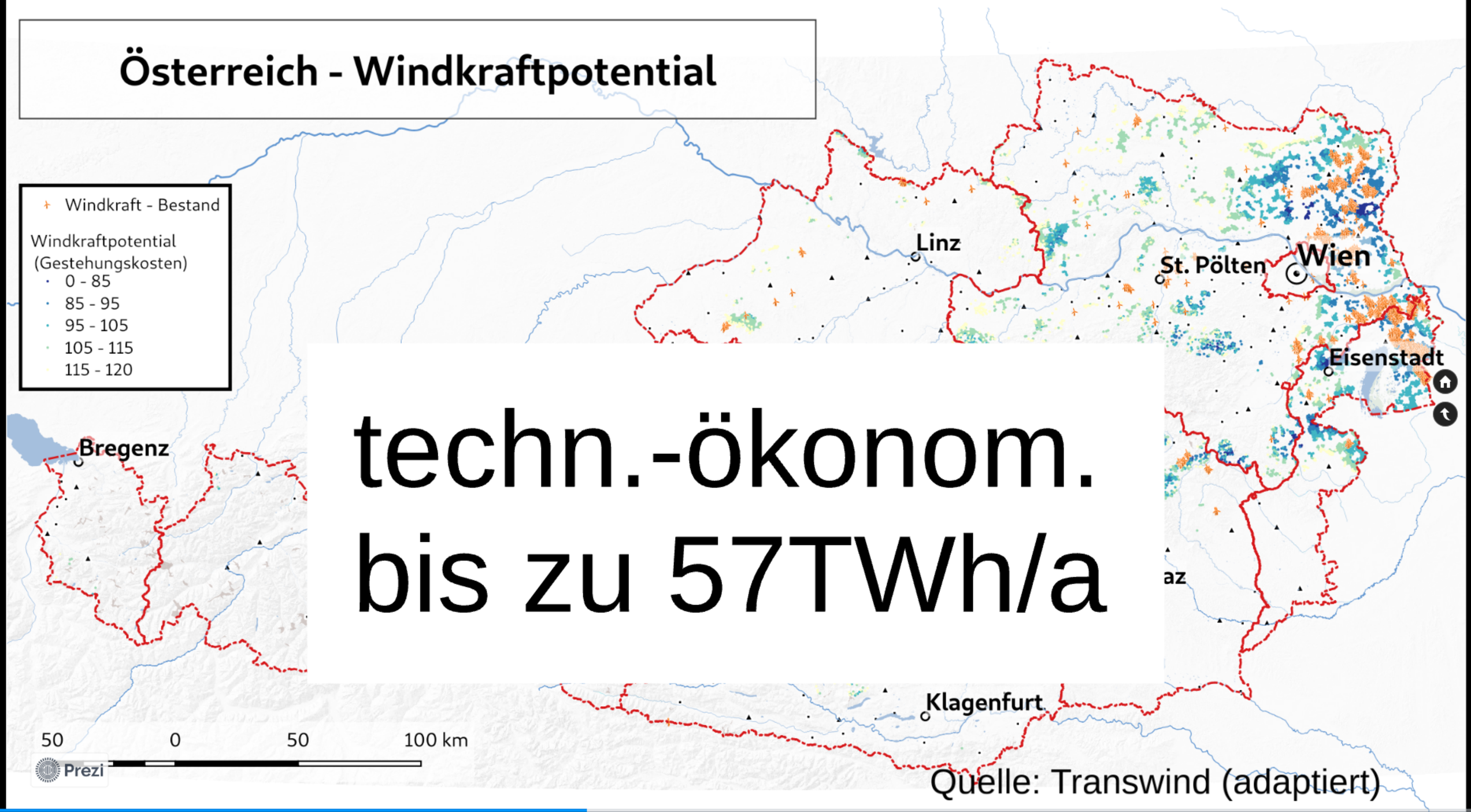
- ~ 1300 Anlagen
- ~ 8TWh/a
- + 11-13 TWh/a bis 2030

Österreich - Windkraftpotential



Quelle: Transwind (adaptiert)

Österreich - Windkraftpotential



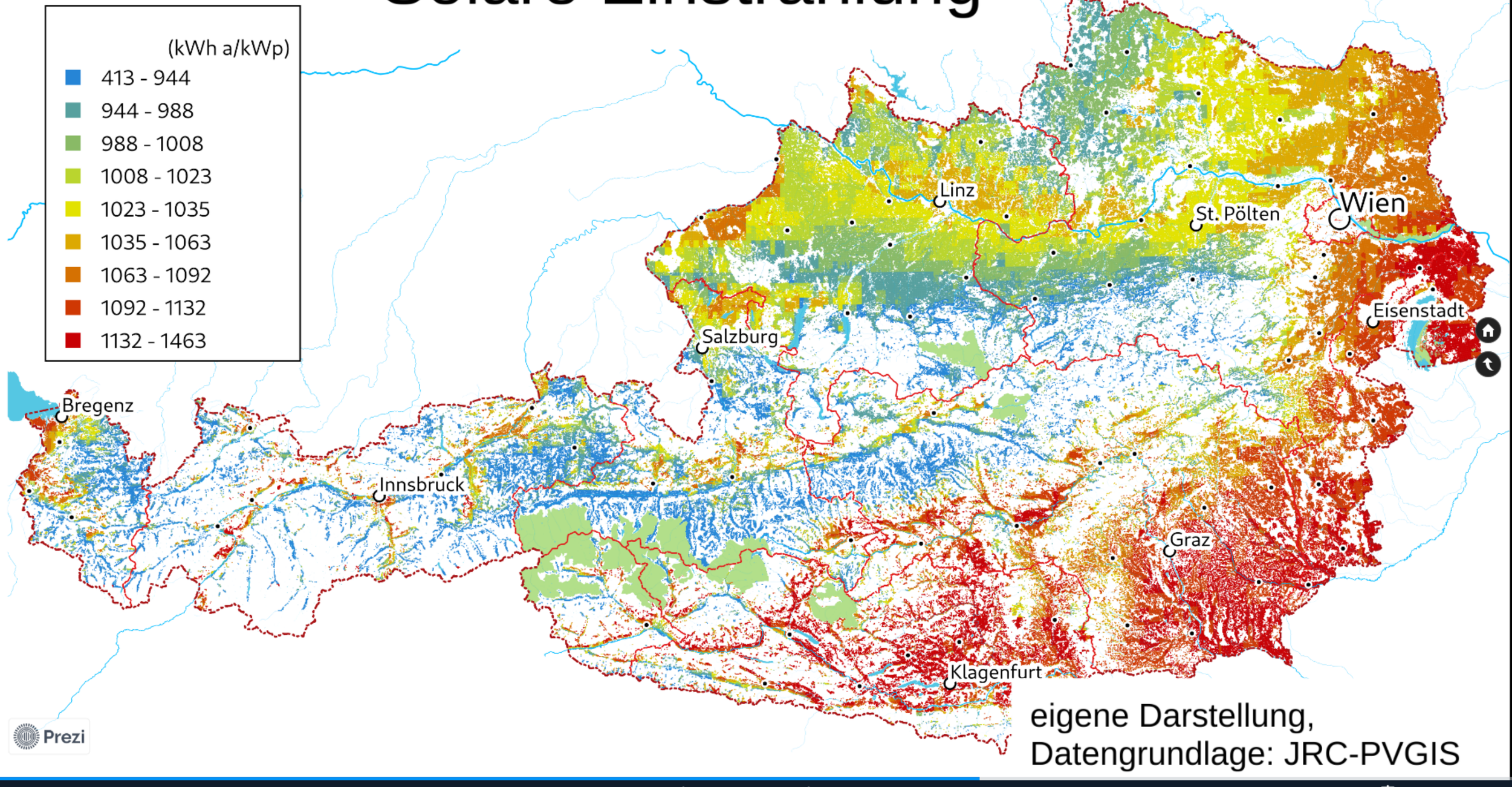
techn.-ökonom. bis zu 57TWh/a

Quelle: Transwind (adaptiert)

Status

- ~ 1.7 TWp Anlagen
- ~ 1.7 TWh/a
- + 11-13 TWh/a bis 2030

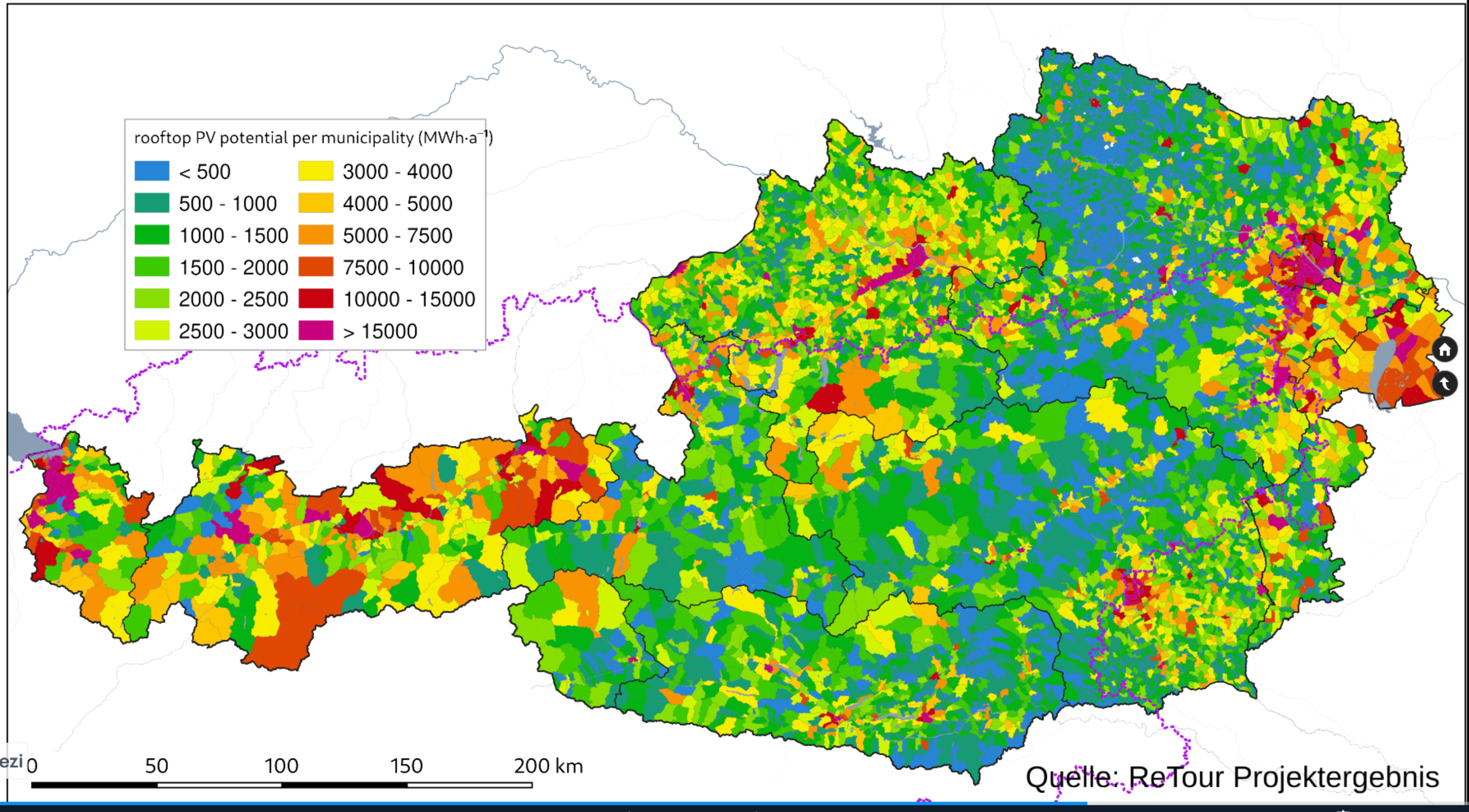
Solare Einstrahlung



eigene Darstellung,
Datengrundlage: JRC-PVGIS

Dachflächenpotential

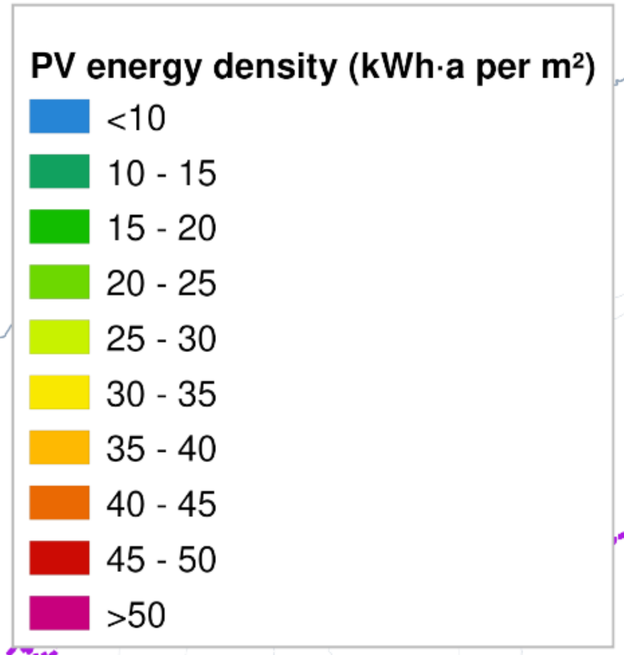
Quelle: ReTour Projektergebnis



Quelle: ReTour Projektergebnis

a)

Freiflächenpotential



Quelle: ReTour Projektergebnis