

VIENNA

1,8 Mio inhabitants
+10% in 10yrs

88% of energy imported

Final energy consumption for heating/cooling:
41% gas
39% district heating
10% electricity

11% RES on gross inland consumption

HEAT PUMP PROMOTION STRATEGY



Inform about potential



Guide on technology



Incentivise quality

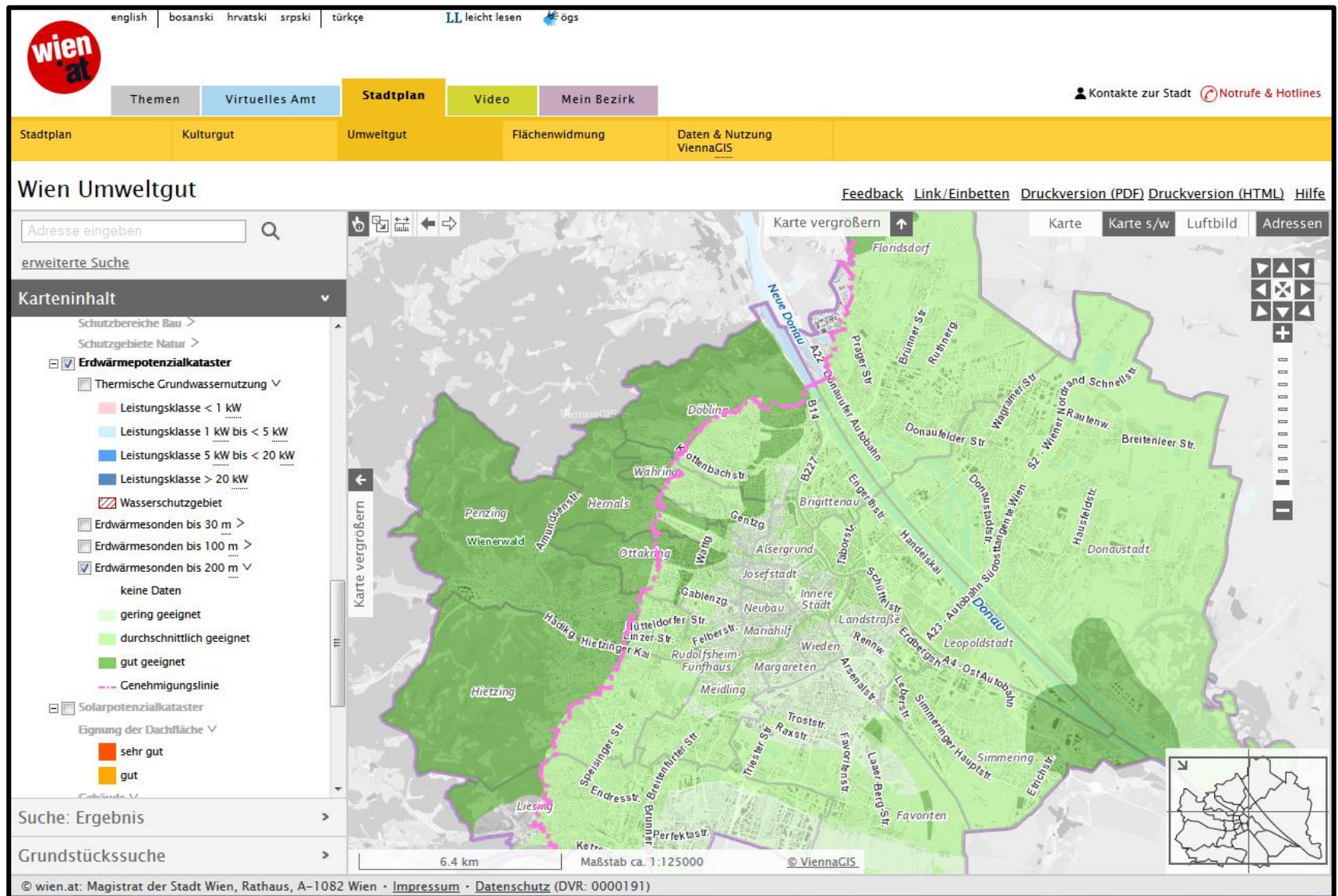


Stimulate innovation

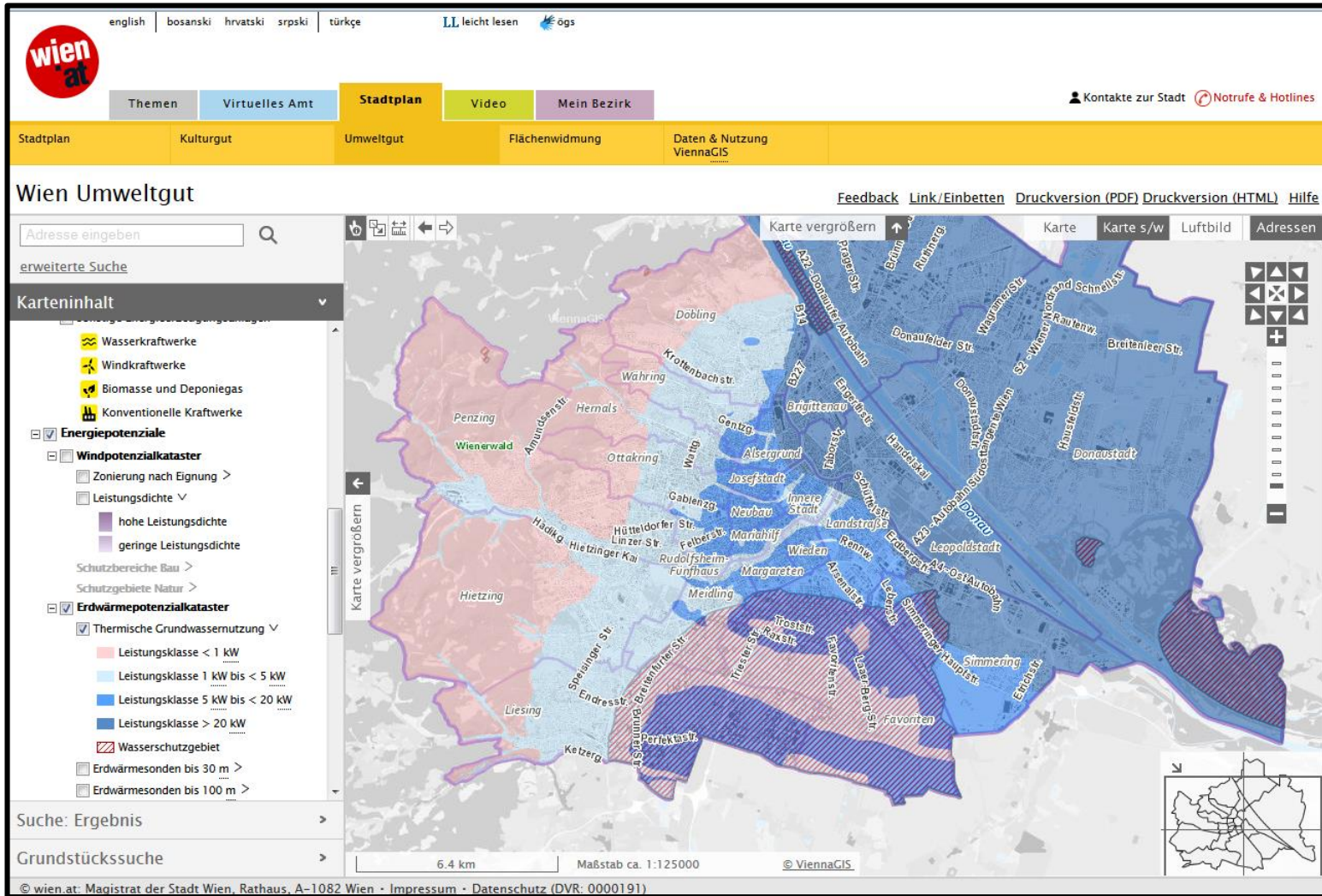


Showcase good examples

GIS MAP OF GEOTHERMAL POTENTIAL



GIS MAP OF HEAT POTENTIAL FROM GROUNDWATER



GUIDANCE FOR CITIZENS AND PLANNERS



FINANCIAL SUPPORT



- **NEW** subsidies for installation of heat pumps for new construction or renovation




- **NEW** subsidy for seasonal storage in combination with very low-temperature heat grids

New campus of Vienna University of Economics and Business

- Groundwater usage for heating and cooling
 - 3.2 MW Heating and Cooling capacity
 - 150 l/s (12°C)
- Cooling
 - direct use of groundwater
 - high efficient
- Heating
 - Heat pump raises temperature level
 - Waste heat usage of IT infrastructure
 - District heating connection





Renovation of the Vienna University of Technology – Plus-energy office building

- Low energy consumption: 56 kWh/m²
- Energy recovery systems:
 - Server waste heat
 - Elevator
- 2.200 m² PV system

SHOWCASE GOOD EXAMPLES ALL AROUND THE CITY



Vorzeigeprojekte-App

Wien ist weltweit führend in der Anwendung neuer Energietechnologien. Eine neue App erlaubt es, spielerisch interessante Informationen über Energie-Vorzeigeprojekte zu sammeln. [mehr](#)



THANK YOU!

Ms. Petra SCHÖFMANN
UIV Urban Innovation Vienna
[mailto: schoefmann@urbaninnovation.at](mailto:schoefmann@urbaninnovation.at)

Ms. Eva DVORAK
City of Vienna, Energy Planning Department
[mailto: eva.dvorak@wien.gv.at](mailto:eva.dvorak@wien.gv.at)