

GEOSPATIAL DATA & STATISTICS AT AUSTRIAN POST



AGENDA



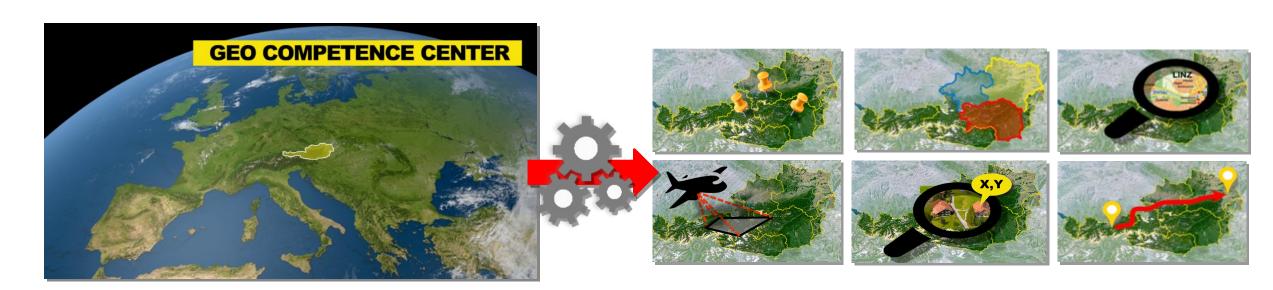
- Geo Competence Center provider of geospatial Data & Services at Austrian Post...
- Postal Geodata
 our basements for widely extended usage in all postal GI Services
- Geo Business Solutions → Usage of Geostatistic Data ...
 well formed spatial Solutions based of ESRI Components ...



MISSION OF GEO COMPETENCE CENTER (GCC)

GCC is a provider of Enterprise GI Systems for Mail & Branch Network Division at Austrian Post

- Operation and maintenance of geo applications
- Design & production of postal geodata
- Processing & Updating of all geodata in Enterprise GI System
- Thematic cartography & map production
- GIS Analysis & inhouse consulting services



EXAMPLES OF POSTAL GEODATA BASED ON: ADRESSES & PROPRIETARY INFORMATIONS OF AUSTRIAN POST



LOCATIONS



- Adresses (2.2 Mil)
- Households (4,5 Mil)
- PostBoxes (15.000)
- BranchOffice (1.800)
- DeliveryBaseLocation
- StreetNetwork AccessPoints (2.2 Mil)
- ... other LocationData

AREAS



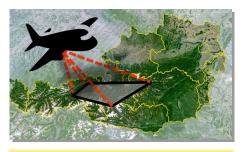
- ZIP Code (2.200)
- DeliveryDistrict(7.000)
- DeliveryBaseArea
- Community/ MunicipalityArea
- RegionArea
- SettlementArea
- PopulationArea
- ElectionDistricts (7.600)
- ... other Areas

ROUTES



- StreetNetwork (TomTom)
- StreetNetwork (GIP Austria)
- FootPath Sketches
- LetterDeliveryRoutes
- MainLogisticRoutes
- DistanceMatrix /Routes for all DeliveryLocations
- ... other NetworkData

RASTER



- Aerial/SatelliteViews
- Rasterized StreetMaps
- Hillshade / (digital height model DHM)
- Aspect / (DHM)

OTHER



- DemographicData
- BuildingRegister
- Buying/SpendingPower
- MicroRaster Demography
- LandCategory
- ElevationModel (DHM)

^{*)} Data Categories used for Geomarketing Services → (Bold Letters)

EXAMPLES OF GIS SERVICES GEOCODING OF DELIVERY ADRESSES / LOCATIONS





EXAMPLES OF GIS SERVICES LOGISTICS: OPTIMIZATION OF DELIVERY ROUTES





EXAMPLES OF GIS SERVICES SITE/LOCATION SUITABILITY ANALYSIS: POST BOXES







OUR MAIN GEO APPLICATIONS & GIS HOTSPOTS AREAS





MAIN FUTURE TRENDS FOR POSTAL OPERATORS

- Integration & Usage of BigData and BI (Business Intelligence processes) ...
 - → business analytics, geoanalytics, new media surveys ...
- Autonomous Driving & E-Mobility
 - → delivery vehicles/fleets, delivery robotics ...
- Unmanned aerial vehicles (UAV, Drones)
 - → conditions, limitations & regulations for regulary operations ...
- Augmented Reality
 - → maintenance processes in Sorting Centers, recognizing of delivery routes for new crew ...

GEOMARKETING SERVICES (... AT AUSTRIAN POST)



... Our database makes it happen, for it matches geographical data (such as delivery areas and postcode areas) with sociodemographic criteria (age, marital status, children, etc.) as well as socioeconomic criteria (including purchasing power).

Benefits

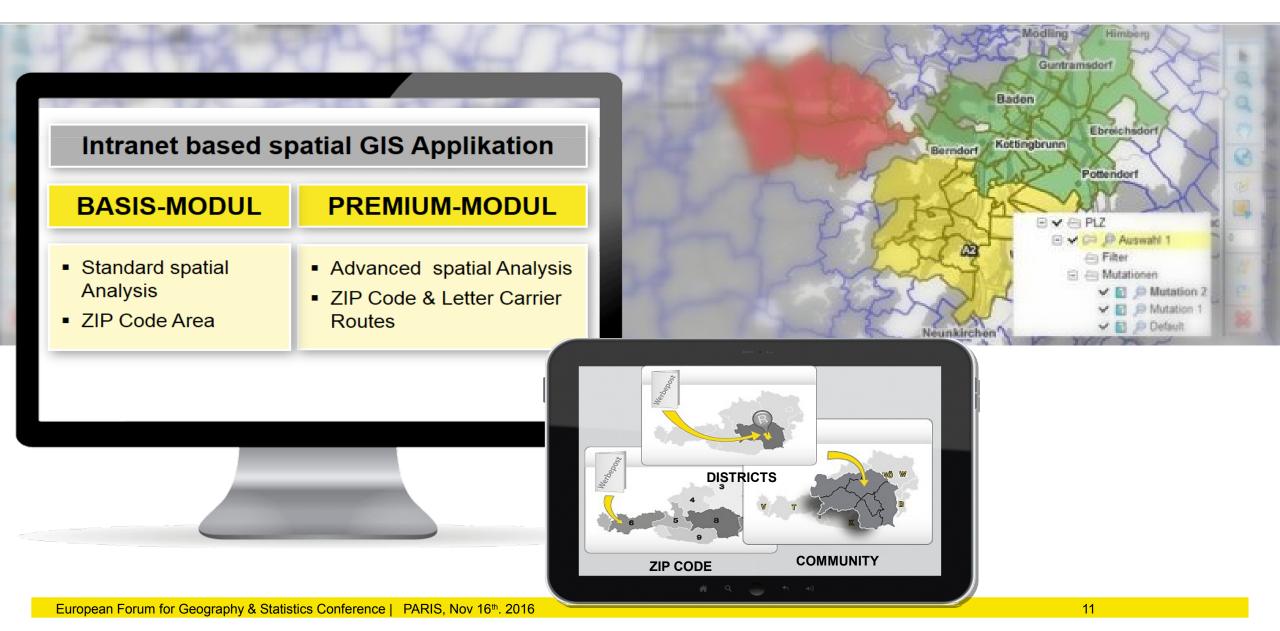
- Increased response rates
- Reduced wastage
- Saves money thanks to fewer printed materials and less postage

Options

- Target audience/group distribution plan / "Zielgruppen-Streuplan"
 Definition of distribution areas by selecting from approximately 40 criteria including age, gender, level of education, purchasing power, etc. segmented per area/household/person.
- Postal branch distribution plan / "Filial-Streuplan" Relying on geomarketing to create a distribution plan based on our list of postal branches. You can select any area surrounding the postal branch of your choice, thereby determining the number of recipients. Depending from kind of request, you also have the option of adding target group specific criteria.

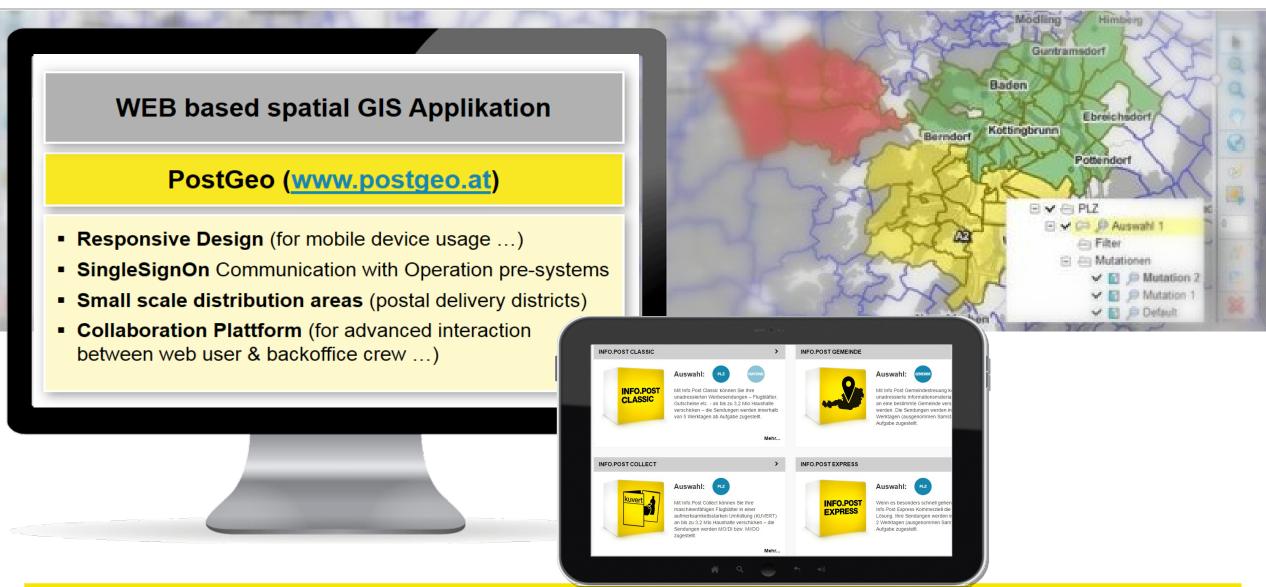
EXAMPLES OF GEOMARKETING SERVICES (INTRANET BASED ...)





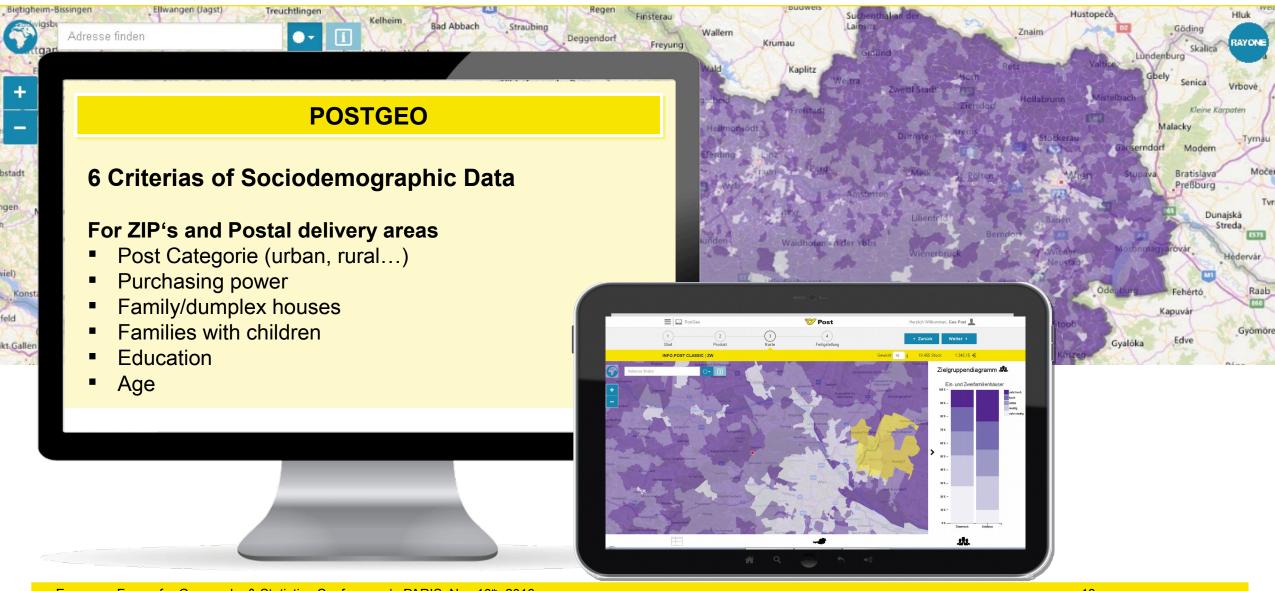
EXAMPLES OF GEOMARKETING SERVICES (WEB BASED ...)





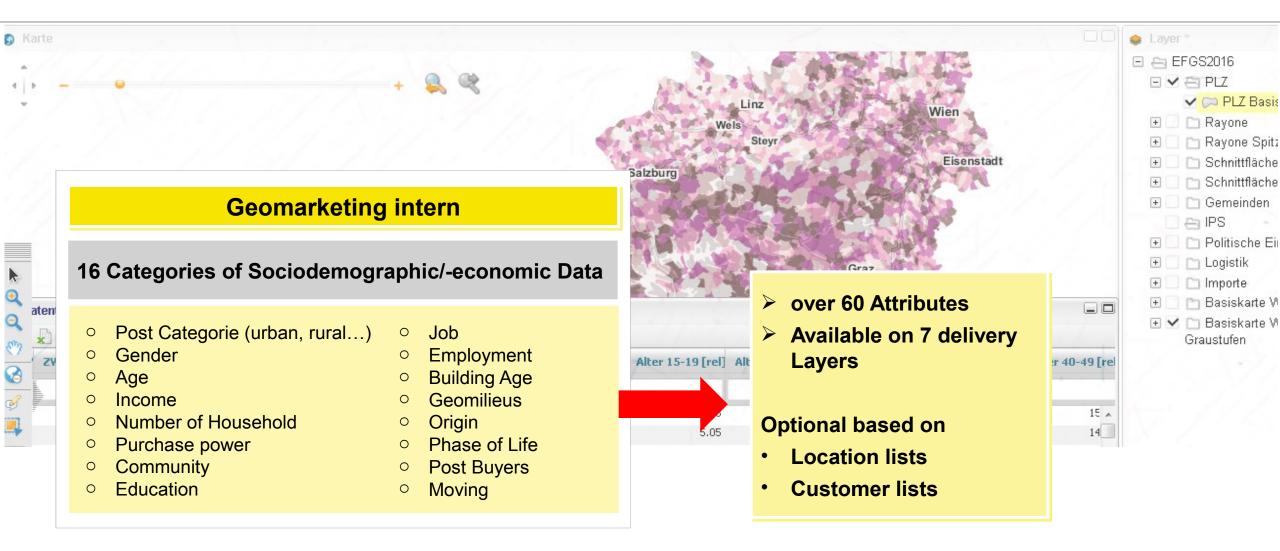
GEOMARKETING SERVICES (EXAMPLES)





GEOMARKETING SERVICES (EXAMPLES)



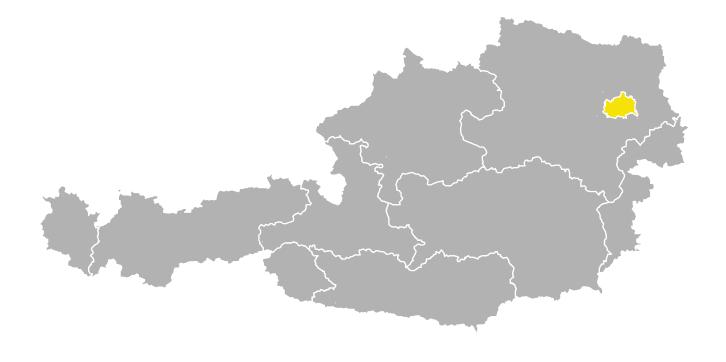




GEOMARKETING IN FIGURES

- 4,4 Mio. Housholds and Companies
- 3,5 Mrd. unadressed Flyers
- 290 Mio. Regionalmedia

- ~7000 Projects a year
- ~6600 small delivery areas
- Over 60 Attributes to choose





THANKS FOR YOUR ATTENTION ...

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