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Supporting elections with geodata in Austria

A Central-Constituency-Tool built upon public registers

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Federal Office of Metrology and Surveying Bundesamt für Eich- und Vermessungswesen (BEV) EuroGeographics Spatial-Data-Quality Webinar, 25 June 2020

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Austria - Statistics & Facts (Status 2020)

• Area of Austria: approx. 84,000 km²

• Population: approx. 8.8 mio inhabitants

• 9 federal provinces

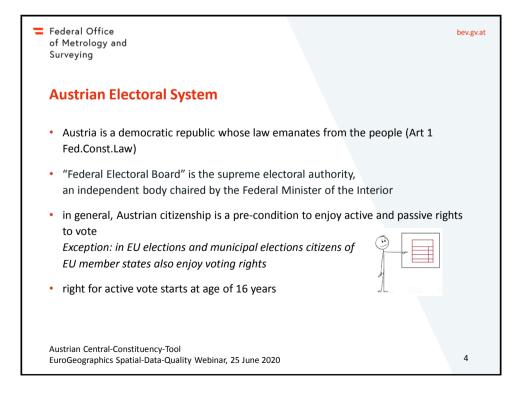
• 94 districts

• 2,095 municipalities

• 7,850 cadastral units

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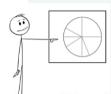




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Elections - Statistics & Facts

- approx. 6.4 mio citizen/residents entitled to vote (out of 8.8 mio inhabitants)
- approx. 10,000 constituencies / polling stations
- voting is not mandatory
- however voter turnout in Austria is reasonably high
 - elections for President: approx. 74.2 %
 - elections for EU Parliament : approx. 59.8 %
 - elections for the Provincial Parliaments: up to 81 %



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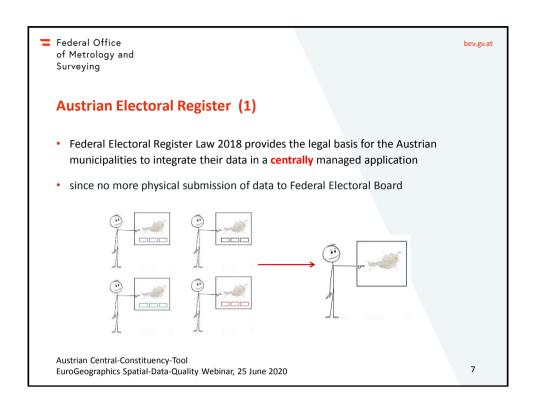
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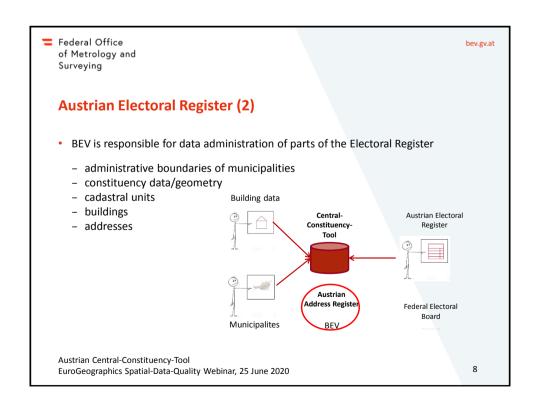
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Austrian Electoral Counting Process

- constituencies are administrated by municipalities in local databases
- content of databases depends on kind of election (EU, federal, e.a.)
- · release process for content of Electoral Register for every single election event
- municipalities feed data on constituencies (attributes on polling stations) into the Central-Constituency-Tool for subsequently getting checked for polling station data by districts and provinces
- final release of information for polling stations is made by Federal Ministry of the Interior
- data in Central-Constituency-Tool to be obtained from municipalities and used for publication of voting lists prior to elections

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Towards a Central-Constituency-Tool

- initial steps to create a centrally managed application:
 - define data content for elections and all municipalities
 - create a database schema
 - create a Management system and interfaces
 - design of the central application "Central-Constituency-Tool"
- BEV provides IT-infrastructure
 - costs for development shared between Federal Ministry of the Interior,
 Provinces and Austrian Association of Cities and Towns and Austrian Association of Municipalities
 - updates and change requests to be covered by initiating institution
- references buildings where persons entitled to vote are registered to constituencies and polling stations

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9

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Accessibility

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- · access to the "Central-Constituency-Tool"
- Mutual standardised access to applications of public authorities by portal network
- Communication within the portal network is managed, both technically and organisationally, by the portal group protocol (PVP) and the use of security classes
- authorized persons in Federal Ministry of the Interior, Province, District or Municipality offices are entitled to access data for the purposes defined by law
- BEV provides user support for any kind of requests
- no costs apply for any of the users

CentralConstituency-Tool

Electoral Register

Austrian Address
Register

Federal
BEV

Electoral Board

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