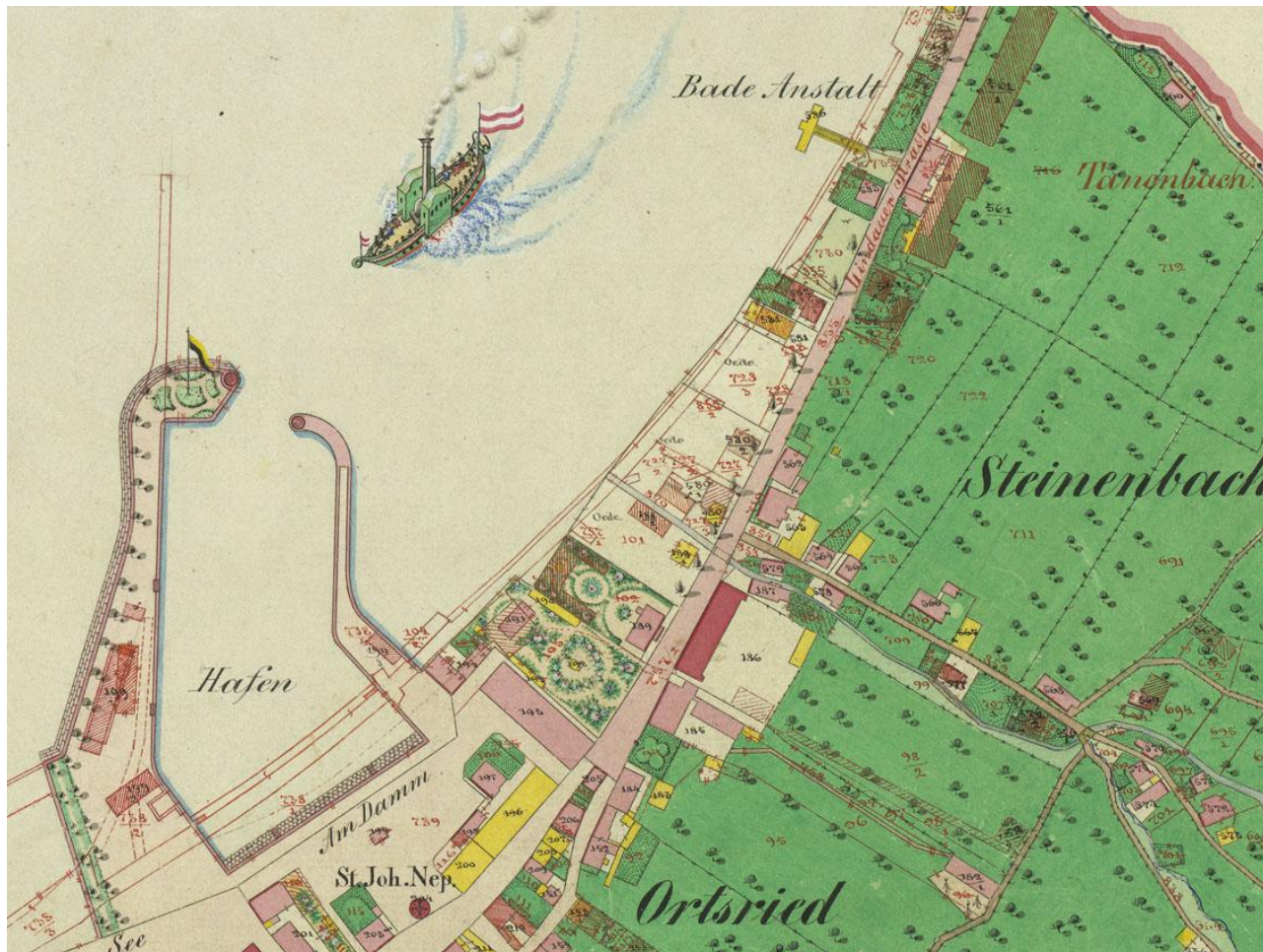


The Historic Cadastre 1817 – 1861

164 357 map sheets





The legal base is the
Land Tax Patent
of Emperor Franz I in 1817
**Stabile Cadastre – including ALL
pieces of land**



Historical GIS System

UR-GIS Primary GIS

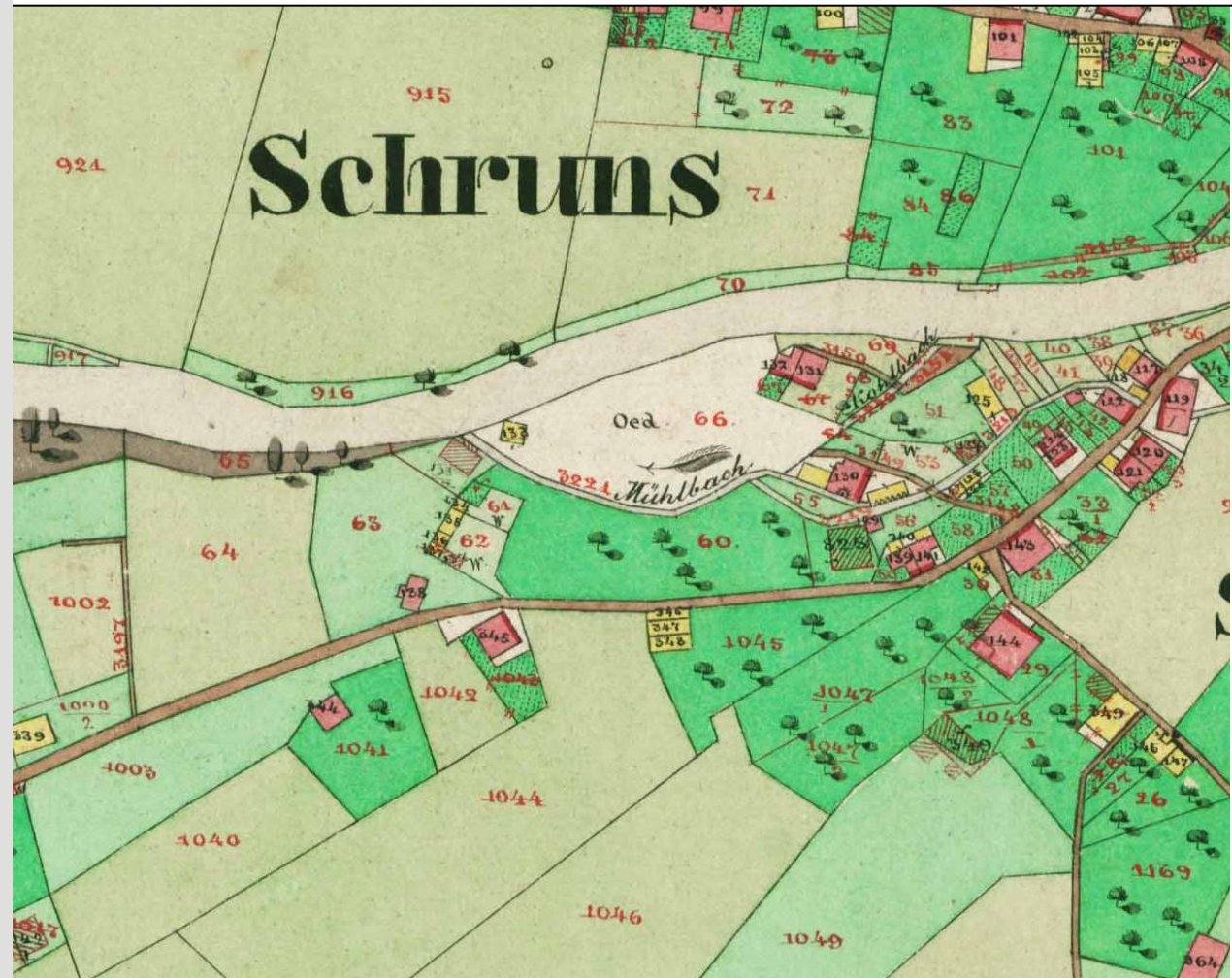
Quality Management

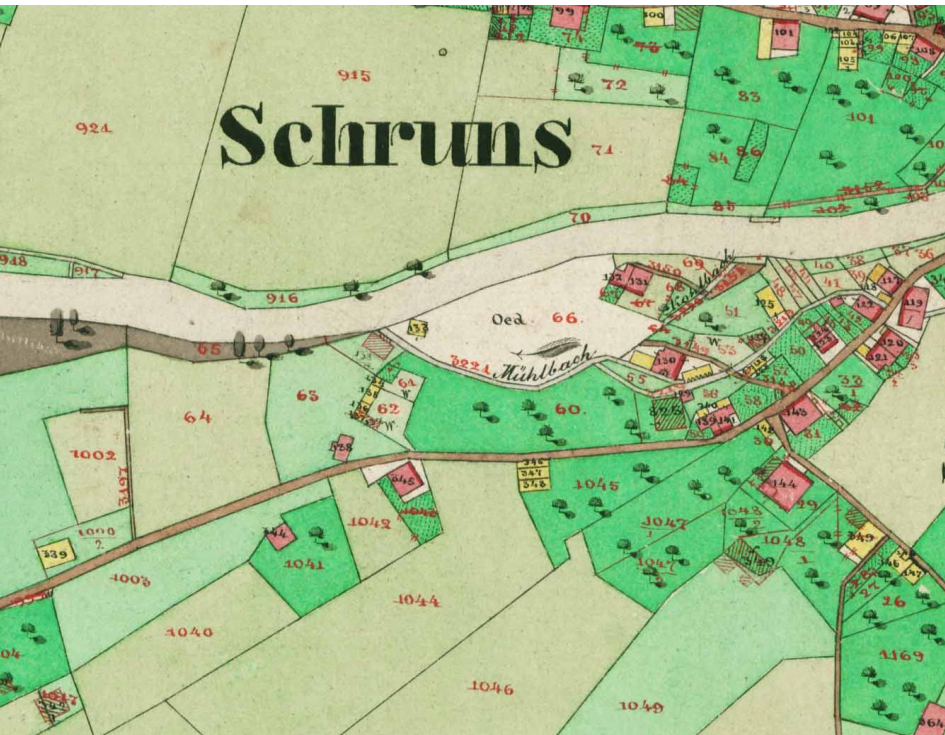
Cadastral map 1857

Parcel Number
Boundaries

Land use:

buildings
cultivated fields
gardens
vineyards
meadows
forests
watercourses
roads

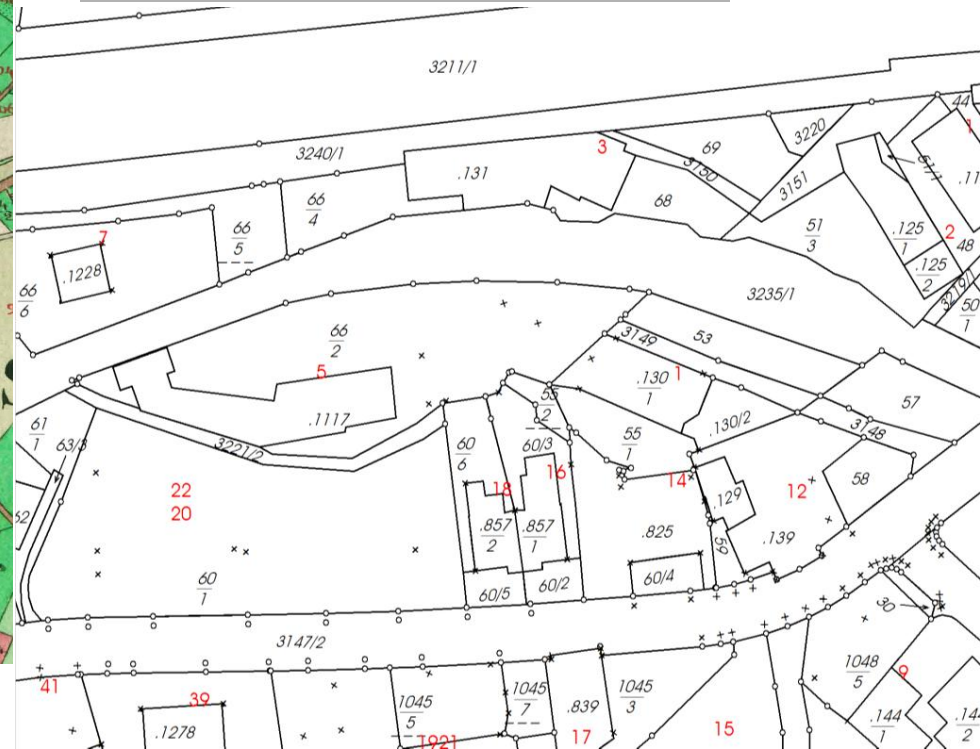




Land use: buildings, cultivated fields
gardens
vineyards
meadows
forests
watercourses
roads....

1857

Digital Cadastral map



2010

Parcel Number, Boundaries,
Adresses,...

263

N ^o des Blattes.	Benennung des Rieckes.	N ^o der Parzelle.	Gesetzliche Eigenschaft des Grundstücks		Des Eigenthümers			
			Dominical.	Rustical.	Haus N ^o	Vor und Zuname..	Stand.	Wohnort.
B 1096		1				Grund. Graf S. Wetzdorf		
A 1097		1				Grundstück Wetzdorf		
B 1097		1 29				Knoth Luzow		
A 1098		1 35				Sumann Garsch		
B 1098		1 35				v.		
A 1228		1 23				Schwingsenschlägl		
B 1228		1 23				v.		
C 1228		1 23				v.		

Parcel Protocol

264

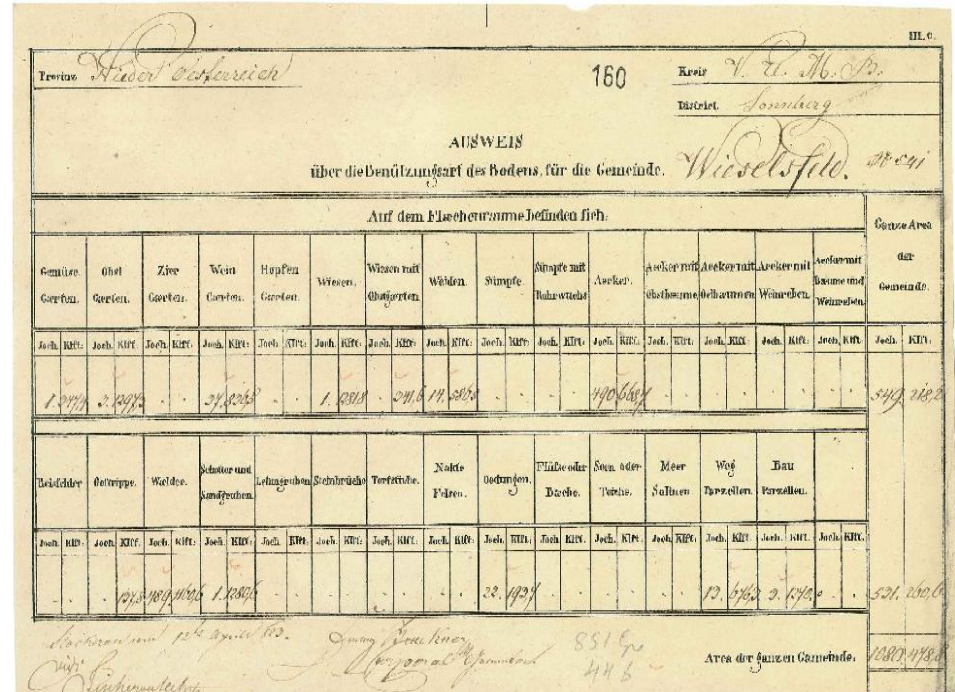
Des Grundstückes								Anmerkung.
Kulturs Gattung.	Flächeninhalt.		Classe.	Reiner jährlicher Ertrag.		Capitalwerth nach p.Ct.		
	N. Oe. Soche. Klafter.	Quadrat Klafter.		in Metall-Münze.				
				fl.	kr.	fl.	kr.	
		1.08						2.06.
		30						
		1.11						
		31						
		2.43						3.57.
		67.4						
		2.52						
		70						
		3.34						5.06.
		93						
		28.09.						
		781						
		79.29						
		604.5						
		27.77						
		772						
		1.05.86						1.35.15

- Number of parcels
- Land owner, adress
- Land use
- Yield

Land Use Statistics

The built-up area has increased by 5000m²
The win yards have been reduced to a third

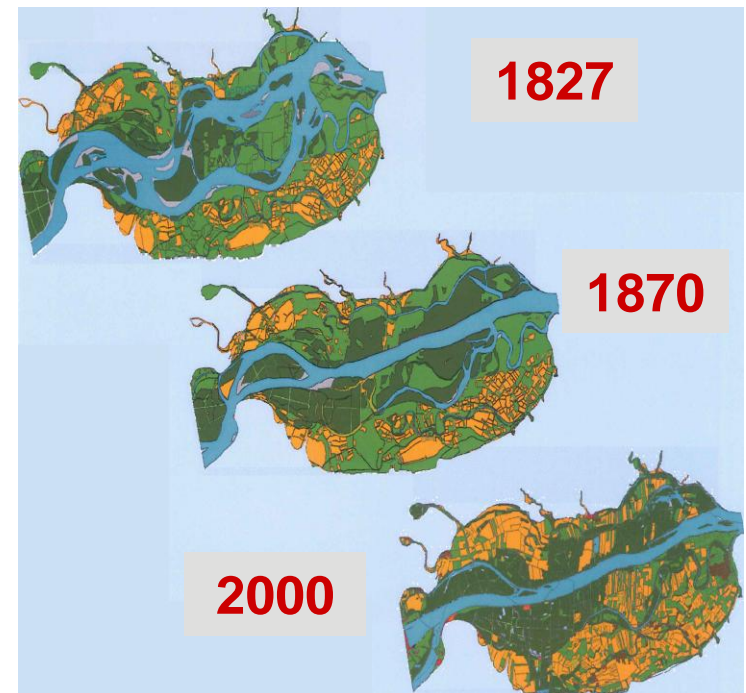
AUSWEIS DER BENÜTZUNGSARTEN - WIESELSFELD								
-----STAND 2009-01-01								
BENÜTZUNGSART	NUTZUNG	ANZAHL	FLÄCHE					
			ha	a	qm	ha	a	qm
BAUFLÄCHEN		269				8	11	96
Gebäude		135	1	73	00			
befestigt		51	95	16				
begrünt		83	5	43	80			
LANDW. GENÜTZT		379				234	03	91
WEINGARTEN		25				7	77	15
WALD		155				358	30	65
GEWASSER		2					17	85
fließend		1					16	82
stehend		1					1	03
SONSTIGE		70				17	81	01
Straßenanlagen		65	14	69	93			
Abbauflächen		3	2	57	54			
Ödland		2	53	54				
GESAMTFLÄCHE DER KATASTRALGEMEINDE : (2009-01-01)						626	22	53



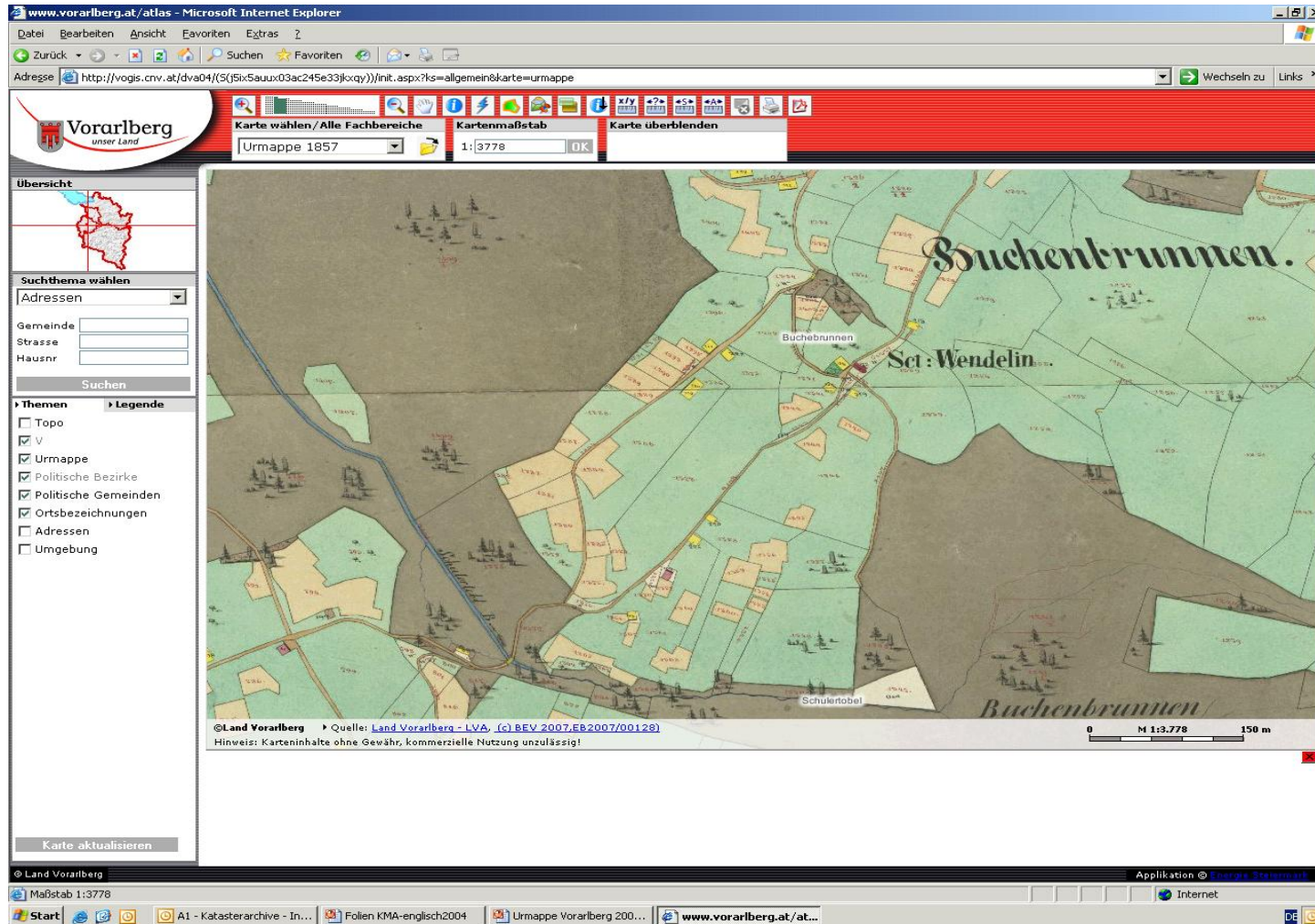
Summary
2009

Summary
1822

- **boundary negotiation/determination**, improvement of the quality of the cadastral map, urban planning, **landscape planning**, traffic planning, regional planning and development, housing development, **hydrology**, river engineering, **mountain stream and avalanche protection**, plans of danger areas, forestall development
- history of agriculture, food and energy
- local history, genealogy
- artistic topography,
- cadastre of cultural assets
- private persons, wall decoration
- ancient mining
- **archaeology...**



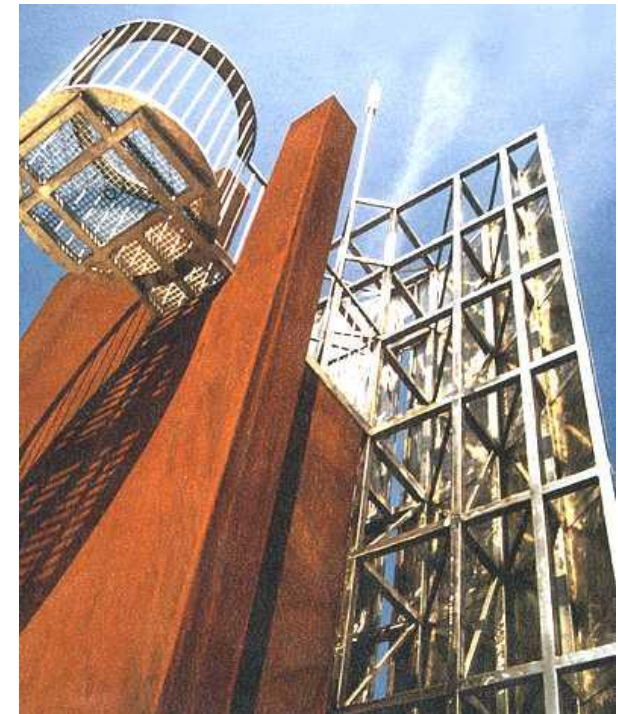




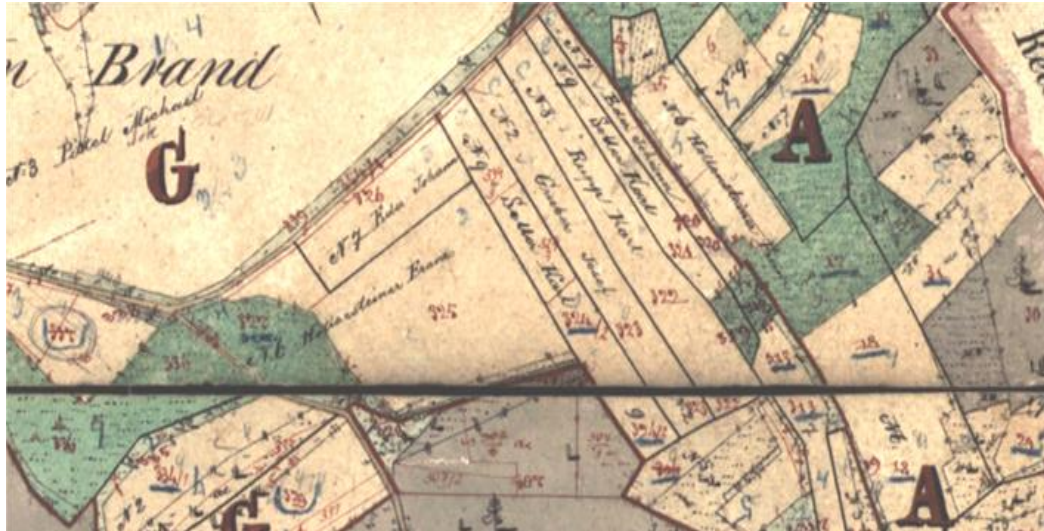
www.vorarlberg.at/atlas

8 Systems of Triangulation

St. Stefan, Gusterberg, Schöckl, Innsbruck, Krain, Budapest, Löwenburg, Radautz



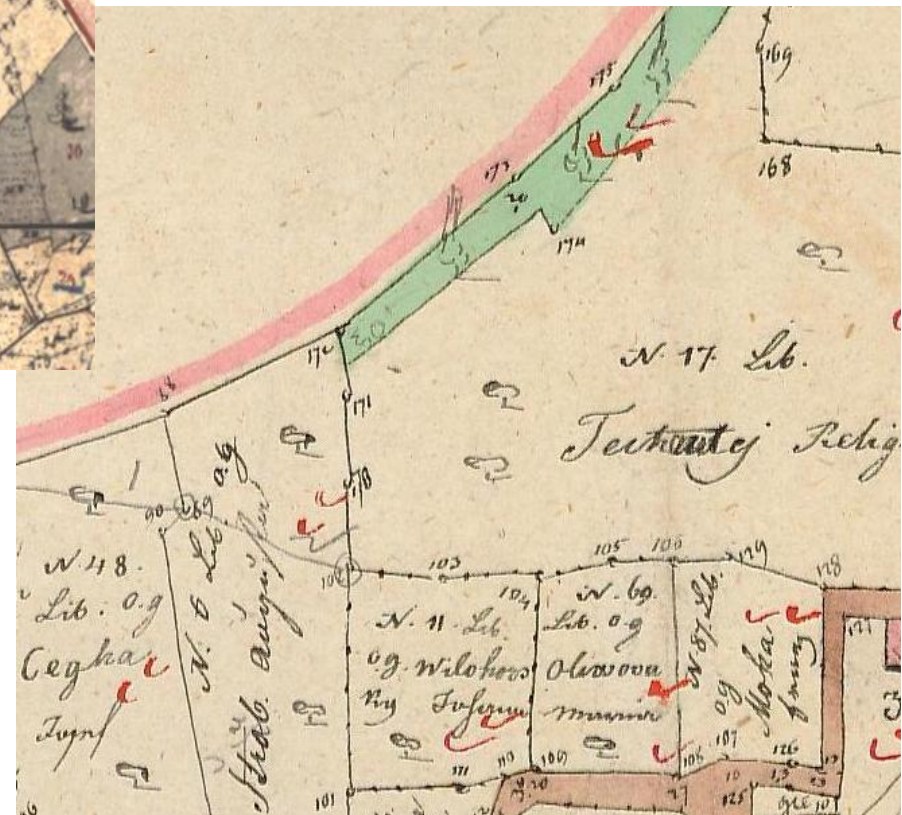
Indication Sketch



- Number of Houses, Addresses
- Names of the owners
- Land Use
- Number of Boundary Marks
- Parcel Number

Field Sketch

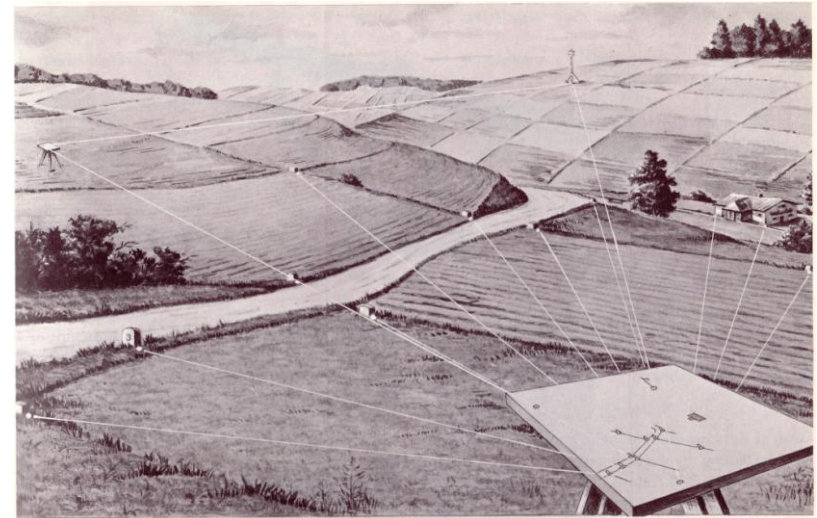
- Representatives of the community
- land owner - Surveyor



The Original Map

The best geometric accuracy is guaranteed in the original map.

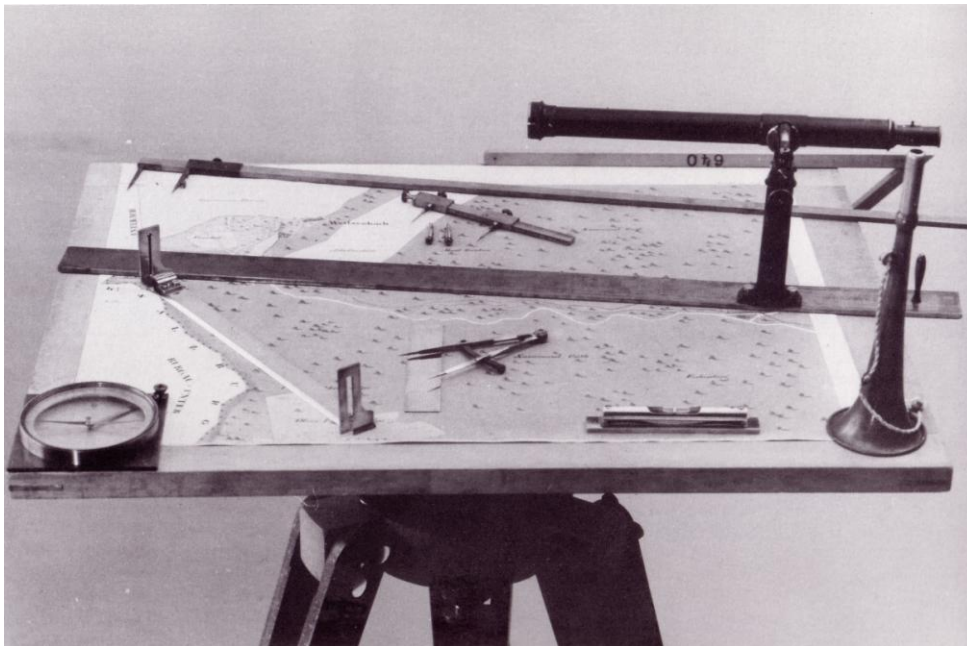
Duplicate Map = First Copy



Cadastral Survey

Plan Table Measurement

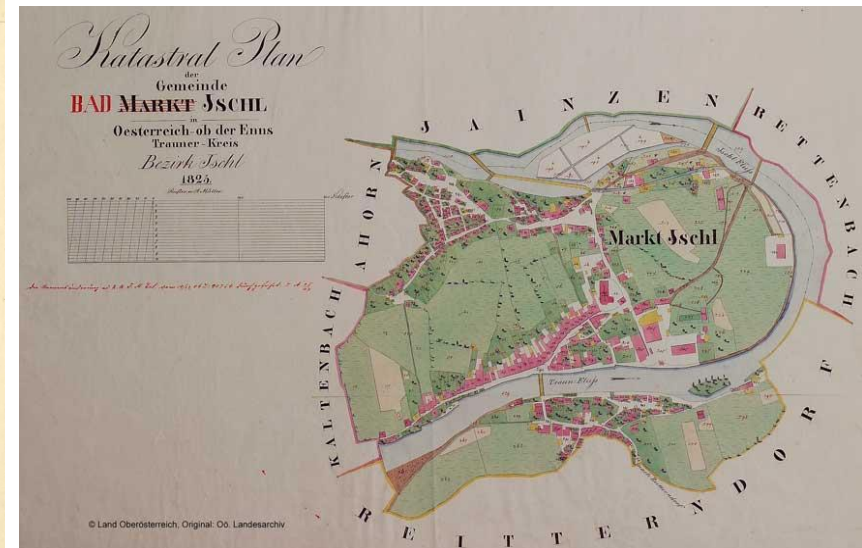
Scale 1: 2880, 1: 1440, 1: 5760



- Original maps
Archive in Vienna



- Duplicate maps
Archives in the Federal provinces





Katastralmappenarchiv 53 418 map sheets



Archivscanner Cruse 300 dpi, 24 bit , 13 TB tiff





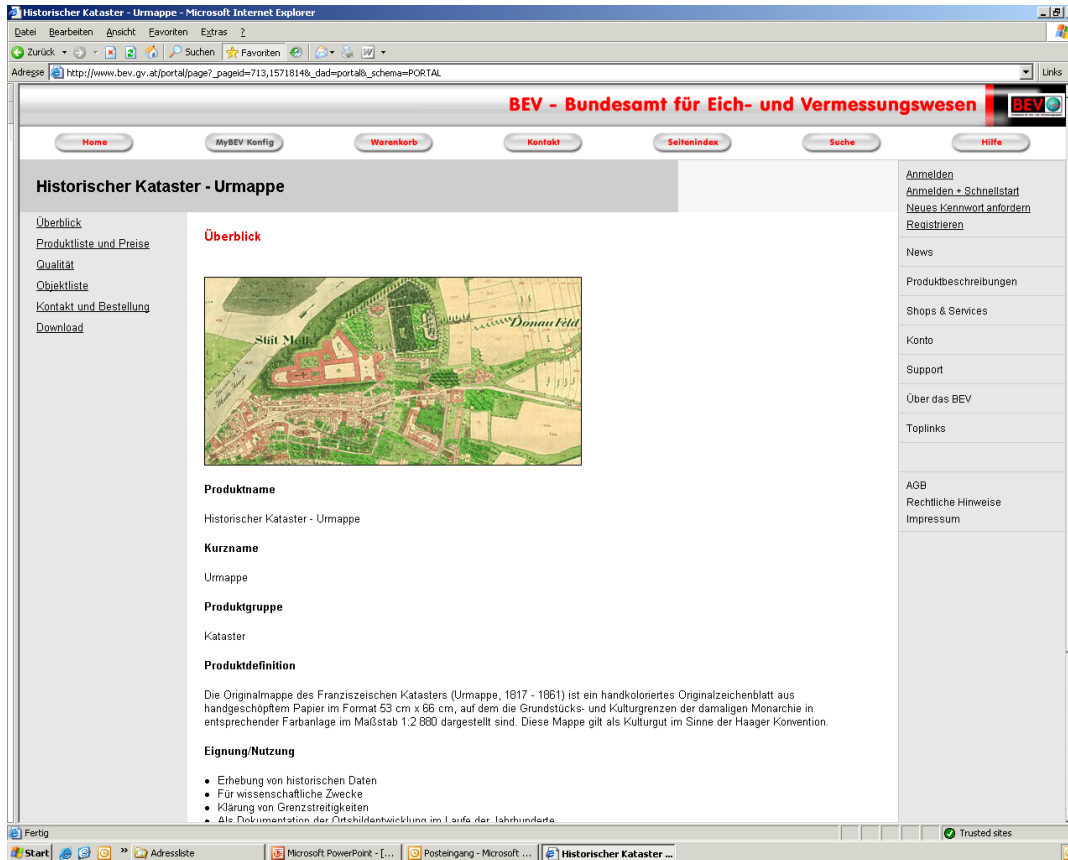
Adresses & Contacts

ESKÁ REPUBLIKA - CZECH REPUBLIC	SLOVENIJA - SLOVENIA
<p style="text-align: center;">Central Archives of Surveying, Mapping and Cadastre Český úřad zeměměřický a katastrální Pod Sidlistem 9 CZ -182 11 Praha 8 +420 284 041 681, Fax +420 284 041 416 RNDr. Miroslav Kronus miroslav.kronus@cuzk.cz, www.cuzk.cz</p>	<p style="text-align: center;">Archives of the Republic of Slovenia ARS Ministry of Culture Zvedarska 1, P.P. 21, SLO - 1127 Ljubljana +386(1)2414220, Fax +386(1)2414269 Mag. Alenka Kacicnik Gabric alenka.kacicnik@gov.si, www.gov.si/ars http://sigov3.sigov.si/cgi-bin/htqlcgi/arihiv/</p>
ITALIA – ITALY – SOUTH TIROL	SLOVAKIA REPUBLIKA - SLOWAK REPUBLIC
<p style="text-align: center;">Landesinspektorat für den Kataster Duco d`Aosta Straße 94 I - 39100 Bozen +39 0471 417 340, Fax +39 0471 417 349 Dr. Ing. Paolo Russo paolo.russo@provinz.bz.it, www.provinz.bz.it</p>	<p style="text-align: center;">Ústredný archív geodézie a kartografie Slovak Authority of Geodesy, Cartography and Cadastre Chlumeckého 4 SK - 82745 Bratislava 212 +421 2 43334822, Fax +421 2 43427511 RNDr. Adrián Belák belak@aku.sk, www.geodesy.gov.sk</p>
ÖSTERREICH - AUSTRIA	ROMANIA - RUMANIA
<p style="text-align: center;">Katastralnappenarchiv Bundesamt für Eich- und Vermessungswesen Schiffamtsgasse 1-3 A-1020 Wien +43 1 21110 2415, Fax +43 1 21110 2418 Dipl. Ing. Susanne Fuhrmann susanne.fuhrmann@bev.gv.at, www.bev.gv.at</p>	<p style="text-align: center;">Arhivelor Nationale - Directia Judeteana Suceava str. Stefan cel Mare, nr.33, 720003 Suceava. tel : 0040 230 531572 or 0040 230 203700 fax: 0040 330 101160 Director Simona Palogheanu e-mail sv@ancpi.ro www.arhivelenationale.ro</p>
	UKRAINE – UKRANIJA
<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;">  <p style="text-align: center;">International Federation of Surveyors http://www.fig.net</p> </div> </div>	<p style="text-align: center;">The Central Historical State Archives of Ukraine, L'viv Soborna sq.3-a, L'viv , MSP, UA 79008 Tel./: +38032 235-40-63 fax/: 235-45-08 Director. Dr. Diana Pelts e-mail: arhchives2000@gmail.com</p>
	<p style="text-align: center;">MAGYARORSZÁG – HUNGARY ... IN PROGRESS HRVATSKA – CROATIA... IN PROGRESS POLSKA – POLAND... IN PROGRESS</p>



Des Signales		Hornsignal
Nr.	Bedeutung	
10	Fahne bewegen (wackeln)	Drei kurze Stöße, hierauf ein gedehnter Stoß oder Triller 
11	Aufforderung zur Aufmerksamkeit (Habt acht!)	Vier kurze, schnell aufeinander folgende Stöße, hierauf ein gedehnter Stoß oder Triller 
12	Vorrücken in gerader Richtung	Ein längerer Stoß, hierauf ein längerer und kürzerer Stoß rasch aufeinander folgend und mehrmals wiederholt 

Fahnsignal	Anmerkung
	Der Figurant wiederholt das beim Meßtische gegebene Signal und befolgt die Anordnung.
	Dient im allgemeinen, die Aufmerksamkeit des Figuranten zu erwecken.
	Die Signale Nr. 12 bis 16 sind anzuwenden, den Figuranten, insbesondere beim Traversieren (§ 106 der Instruktion), zu dirigieren.



Prices Original Map

Rreproduktion on Photopaper

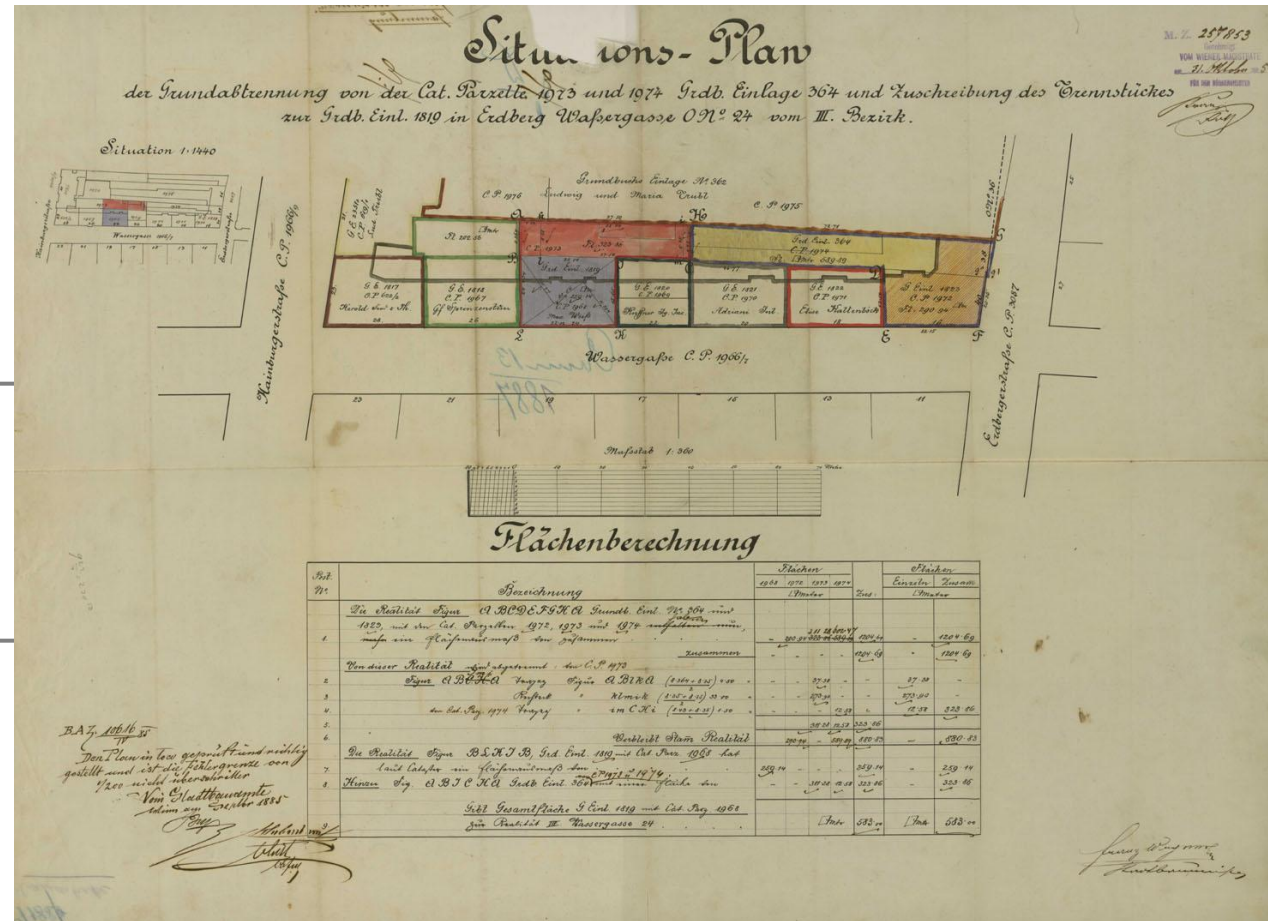
Format:	A0	EUR
60,00		
A 1	EUR	40,00
A 3	EUR	15,00
A 4	EUR	10,00

Digitale Originalmappe

Format: JPG
EUR 3,00 pro km²

- More Information
- www.bev.gv.at

Führung des Kataster



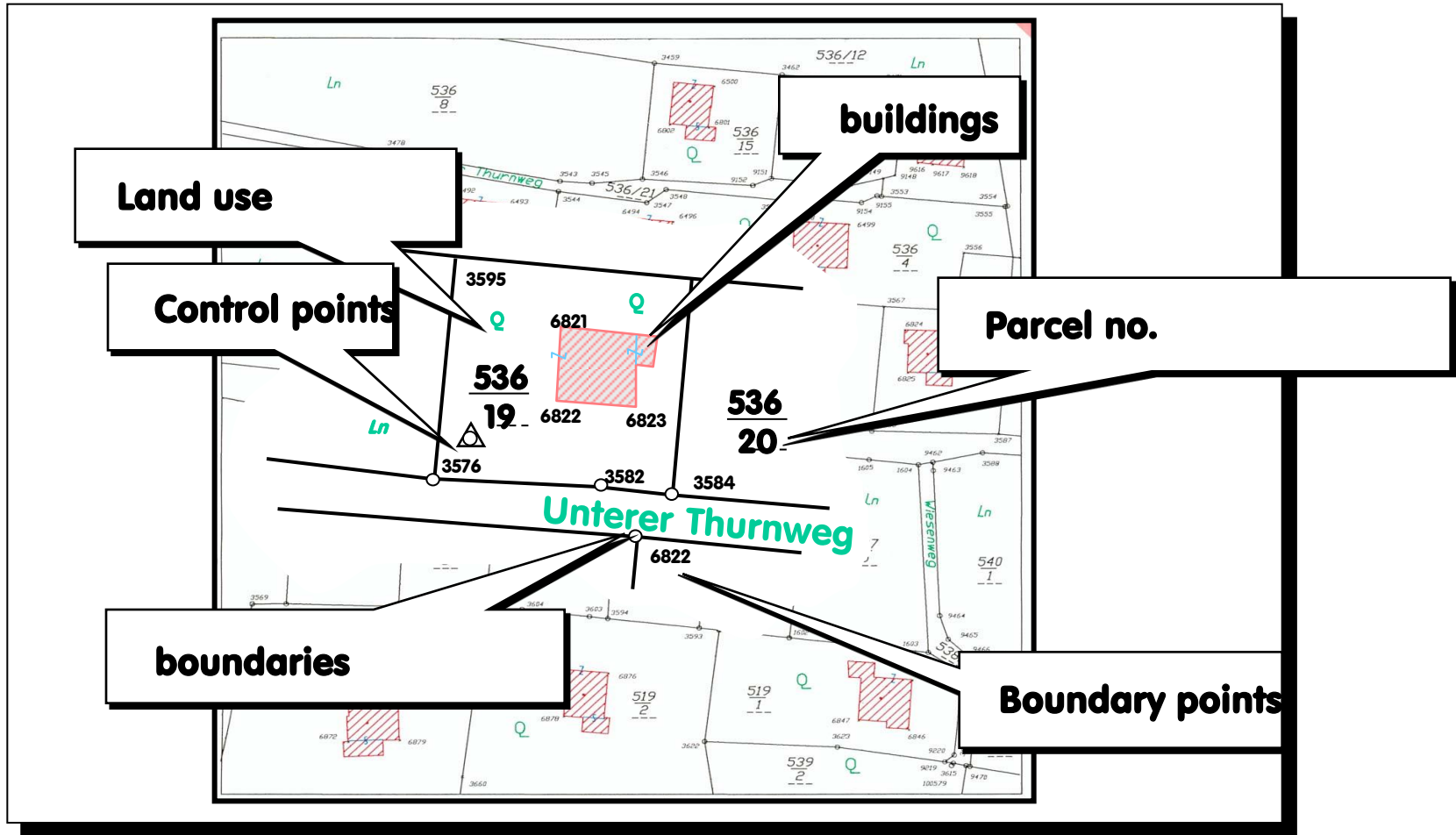
1817 Grundsteuerpatent
 1883 Law of Continuation
 1968 Law of Cadastre and Surveying

Keywords and Statistics

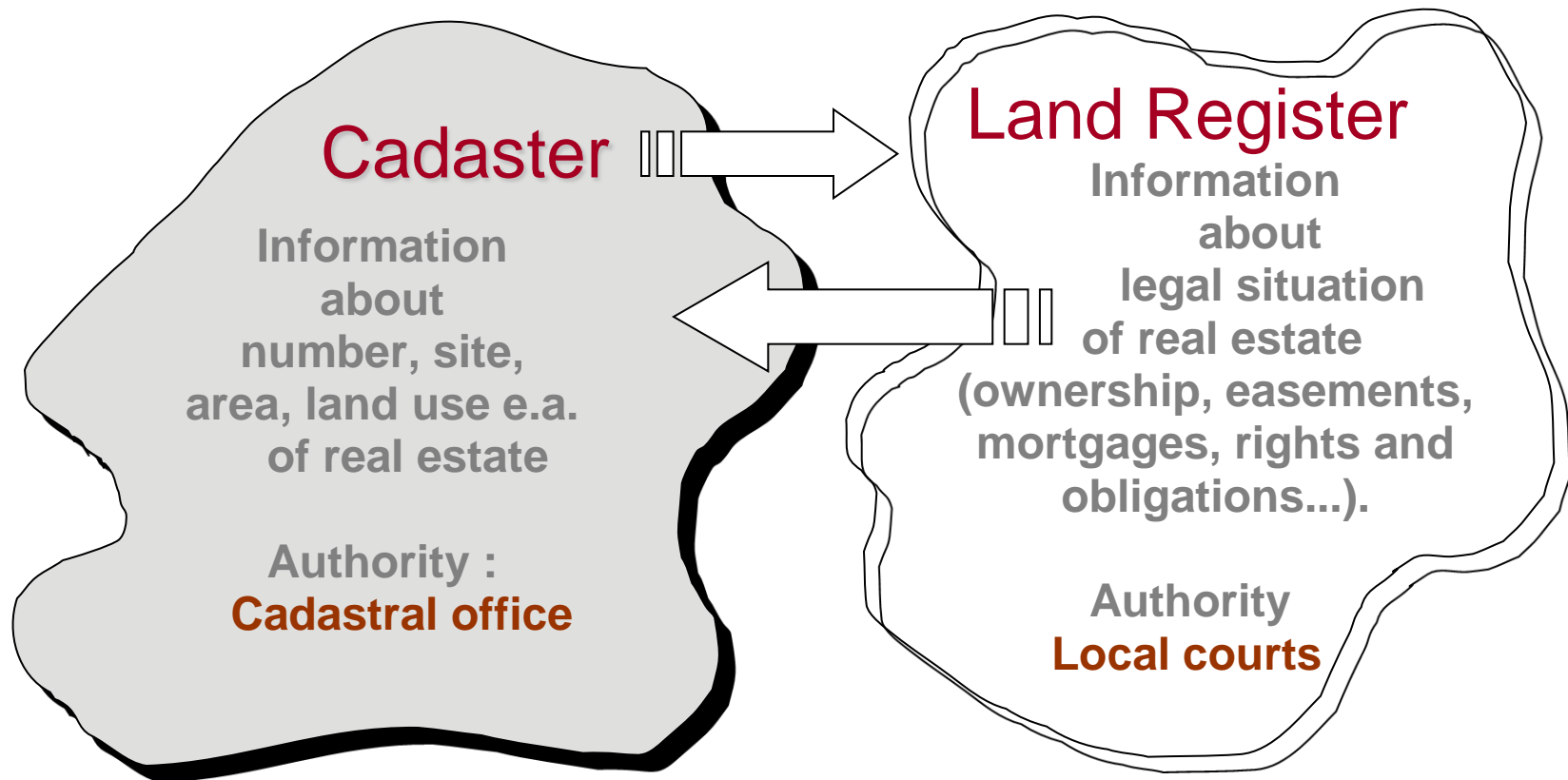
- **Austria** is covered by 54 000 map sheets
- **Galizia**: is covered by 40 981 map sheets
- **East Galizia** probably by 25 000 map sheets
- **Measurement** Galicia between 1824 till 1854
- **Monarchy**:
 - Measurement 1817 – 1861
 - 50 Mio Parcels
 - 164 357 Map sheets
 - 670 000 km²
 - 44 Years
 - Scale 1: 2880, 1440, 5760
 - Administrative unit = Cadastral Unit

- 1 map (Insel for each cadastral unit
- 1 Parcel was defined as the area, where ownership and natural cover homogeneous
- In 44 years an area of 300 000 km² were surveyed and about 164 000 maps were generated.

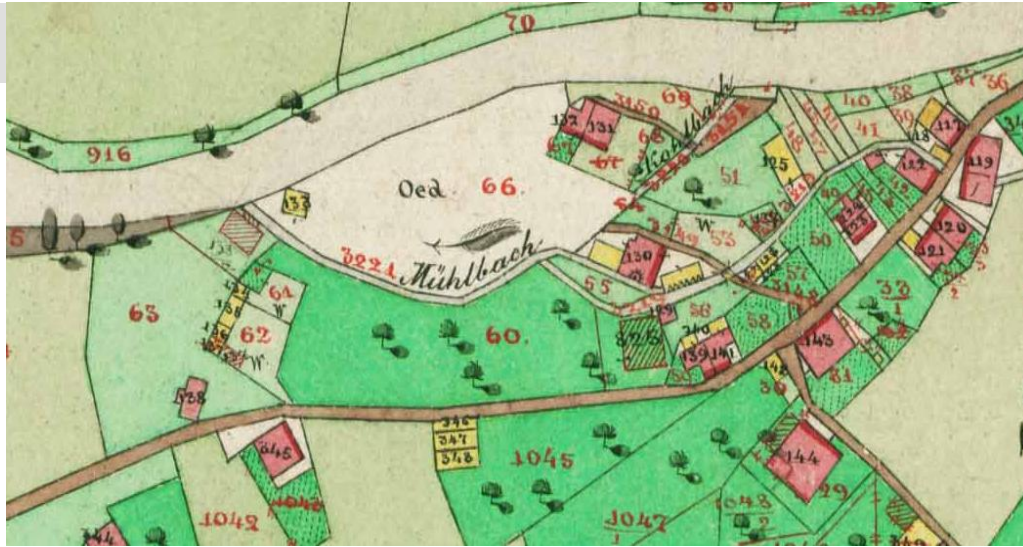
Digital Cadastral map 1:1000 (excerpt)



Austrian Landadministration System







1857 - 2010

