

Xplanis AG

Experts in transport logistics

xGU, the calculation aid based on ASTAG GU

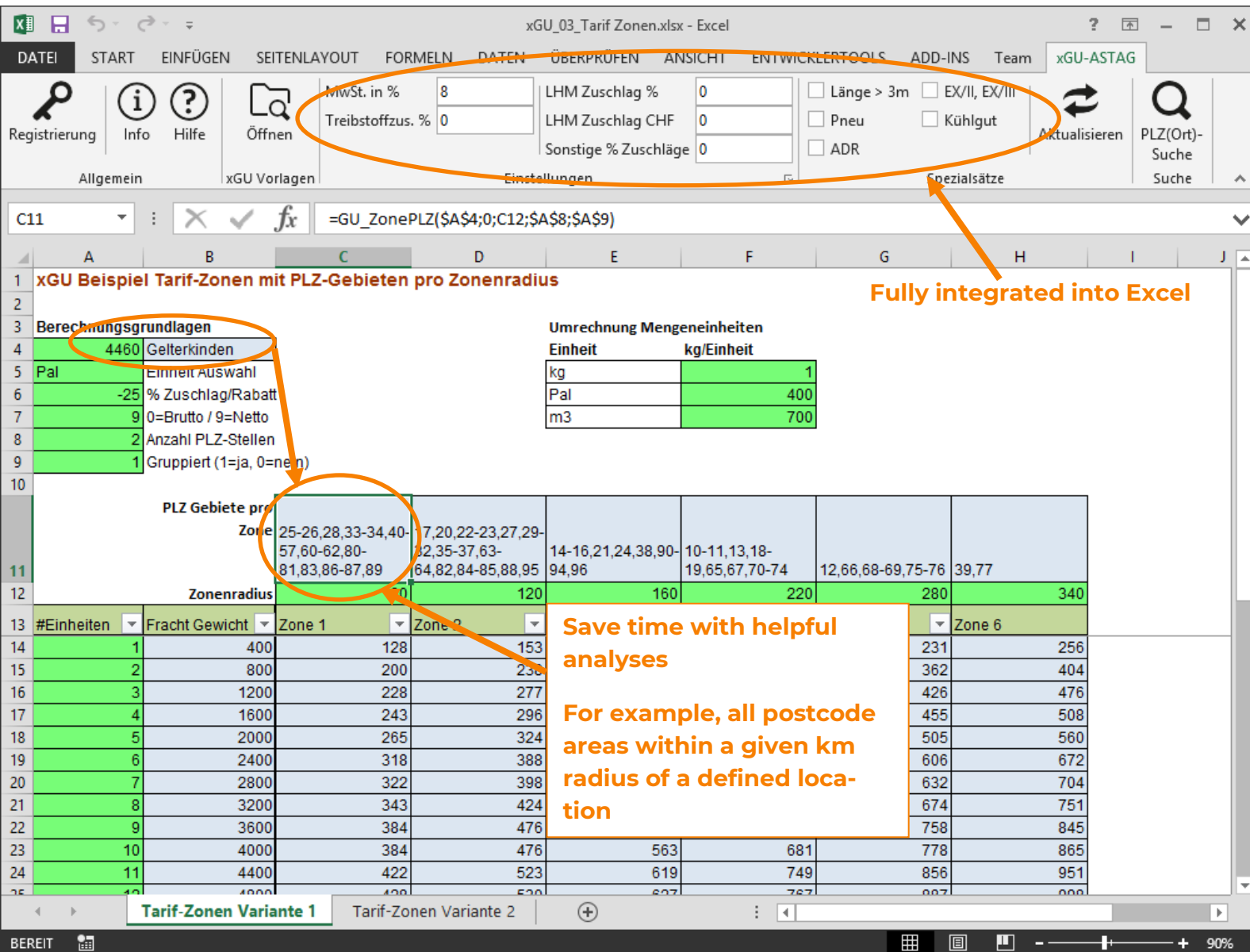
Use the full ASTAG GU functionality in Excel

Calculate large volumes of price and distance queries in just a few steps

Efficient post-calculation of transport costs based on the ASTAG GU tariff

Calculate tariff zones, cost matrices and transport quotations





The screenshot displays the 'xGU-ASTAG' ribbon in an Excel spreadsheet. The ribbon includes sections for 'Einstellungen' (Settings) with input fields for 'MwSt. in %' (8), 'Treibstoffzus. %' (0), 'LHM Zuschlag %' (0), 'LHM Zuschlag CHF' (0), and 'Sonstige % Zuschläge' (0). It also features checkboxes for 'Länge > 3m', 'EX/II, EX/III', 'Pneu', 'Kühlgut', and 'ADR'. A 'Spezielsätze' button is located on the right. The formula bar shows '=GU_ZonePLZ(\$A\$4;0;C12;\$A\$8;\$A\$9)'. The main spreadsheet area is titled 'xGU Beispiel Tarif-Zonen mit PLZ-Gebieten pro Zonenradius'. It contains a 'Berechnungsgrundlagen' table with fields like 'Gelterkinden' (4460), 'Einheit Auswahl' (Pal), '% Zuschlag/Rabatt' (-25), '0=Brutto / 9=Netto' (9), 'Anzahl PLZ-Stellen' (2), and 'Gruppert (1=ja, 0=nein)' (1). To the right is a 'Umrechnung Mengeneinheiten' table. The central part of the spreadsheet is a large matrix with columns for 'Zonenradius' (120, 160, 220, 280, 340) and rows for 'PLZ Gebiete pro Zone' (Zone 1 to Zone 6). A text box with an arrow pointing to the matrix states: 'Save time with helpful analyses. For example, all postcode areas within a given km radius of a defined location'. The bottom of the spreadsheet shows tabs for 'Tarif-Zonen Variante 1' and 'Tarif-Zonen Variante 2'.

Fully integrated into Excel

Save time with helpful analyses

For example, all postcode areas within a given km radius of a defined location

Calculation aid **xGU** – fast & reliable

Creating your own tariff matrices and calculations for quotations, post-calculations and the like has so far been time-consuming and error-prone. **xGU** provides the solution. With an Excel-based add-in for the «ASTAG GU Kalkulationsgrundlagen», these can be created quickly, reliably and efficiently.

Save time and money!

xGU Excel add-in for ASTAG GU

simple, functional, helpful

xGU provides a wide range of extended Excel formulas based on the “ASTAG GU Kalkulationsgrundlagen” (calculation logic, distance tables, cost table, special rates). The Excel tables shown are included in the installation as templates, can be opened via the xGU menu and customised as required.

Create quotations

What does it cost to transport different load quantities from one place of departure to different recipients? A typical question you can answer with xGU in no time at all.

Abgangsort		10000	Lausanne
		-20	% Rabatt
kg/Einheit	Einheit	500	Pal
Gesamtergebnis			
Summe Netto		19387,44	
Summe Total		20939,05	

PLZ Empf.	Ort Empfänger	Anzahl Einheiten pro Lieferung	km	Frachtpflicht Gewicht	Frachtpreis Netto	Frachtkosten Total
1000	Lausanne	3	1	1500	171,60	185,35
1200	Genève	7	62	3500	372,68	402,50
1400	Yverdon-les-Bains	6	40	3000	255,84	276,35
1700	Fribourg	8	70	4000	382,08	412,65
1800	Vevey	4	20	2000	199,68	215,65
1000	Lausanne	6	1	3000	235,20	254,05
1200	Genève	12	62	6000	513,60	554,70
1400	Yverdon-les-Bains	16	40	8000	452,40	498,70

Abgangsort		Kunde / Empfänger					Speziessätze und deren CHF-Beträge							Rechnungsbetrag CHF			
Lager	Lager PLZ	Name Empfänger	Empf. PLZ	Ort Empfänger	km	Gewicht (kg)	Rabatt	Länge >3m	Pneu	ADR	EXIII EXIII	Kühl- gut	Spez. Zuschl.	Spez. Leist.	Frachtkosten Netto	Frachtkosten Total	
Lager 6	5608	Kunde 1	6814	Lamone-Cadempino	199	1458	-43					1	0	0	337,36	337,40	
Lager 6	1017	Kunde 2	1200	Genève	58	3500	-25		1				0	20	523,89	523,90	
Lager 6	1017	Kunde 3	1400	Yverdon-les-Bains	33	3000	-10						0	42	329,39	329,40	
Lager 6	1017	Kunde 4	1700	Fribourg	78	4000	-10					1	0	118	578,56	578,60	
Lager 6	1017	Kunde 5	1800	Vevey	28	2000	-20						1	0	9	248,67	248,70
Lager 6	1017	Kunde 6	1234	Vessey	64	3000	-10		1				0	19	575,58	575,60	
Lager 6	1017	Kunde 7	4461	Böckten	173	6000	-40						0	32	680,02	680,05	
Lager 6	1017	Kunde 8	7000	Chur	336	8000	-10	1					0	103	1691,26	1691,30	
Lager 6	1017	Kunde 9	7104	Versam	356	4500	-10						0	52	1613,74	1613,75	
Lager 6	1017	Kunde 10	7201	Untervaz Bahnhof	329	500	-10				1		0	44	346,80	346,80	
Lager 6	1017	Kunde 11	4207	Bretzwil	172	2000	-25						0	16	421,04	421,05	
Lager 6	1017	Kunde 12	4101	Bruderholz	194	2500	-10						0	21	660,11	660,15	
Lager 6	1017	Kunde 13	4900	Langenthal	140	2000	-20				1		0	61	435,43	435,45	
Lager 6	1017	Kunde 14	4800	Zofingen	163	4000	-25						0	23	606,53	606,55	
Lager 4	4012	Kunde 15	4000	Basel	4	1500	-10					1	0	8	239,38	239,40	
Lager 3	4801	Kunde 16	4500	Solothurn	40	2500	-40						0	12	241,73	241,75	
Lager 3	4801	Kunde 17	4600	Olten	12	1000	-10						0	6	185,44	185,45	
Lager 3	4801	Kunde 18	4800	Zofingen	1	11000	-10	1					0	67	586,05	586,05	
Lager 6	1017	Kunde 19	7000	Chur	336	8500	-25						0	55	1420,38	1420,40	
Lager 3	4801	Kunde 20	7104	Versam	197	3000	-10					1	0	32	990,17	990,20	
Lager 3	4801	Kunde 21	7201	Untervaz Bahnhof	170	6000	-10						0	31	968,13	968,15	
Lager 3	4801	Kunde 22	4207	Bretzwil	41	17000	-10						0	27	831,61	831,65	
Lager 3	4801	Kunde 23	4101	Bruderholz	57	2000	-10					1	0	11	346,33	346,35	
Lager 3	4801	Kunde 24	4900	Langenthal	18	3500	-10	1					0	60	368,99	369,00	

Transport invoicing

Invoicing the transports you have carried out takes a lot of valuable time, because the freight price including all surcharges and discounts has to be determined individually for each shipment in the ASTAG GU program. With xGU, it only takes a few minutes.

Tariff tables for sales

Helpful for giving quick answers in sales. You can create lists from all your standard places of departure to all main regions or any postcode in Switzerland, showing the freight prices for specific transport quantities. The tables can easily be printed for different transport quantities.

Auftragsmenge		Menge	Einheit	Auswahl
		20	m3	
		14000	Frachtpflicht. Gewicht	
		-10	% Zuschlag/Rabatt	
		0	=Brutto / 9=Netto / 1=Distanz	

Umrechnung Mengeneinheiten		Einheit	kg/Einheit
		1	kg
		400	Pal
		700	m3

PLZ Lager		1200	1000	4800	4012	4900	7000
Gebiet	Ort	Genève	Lausanne	Zofingen	Basel	Langenthal	Chur
10	Lausanne	100000	902,50	643,00	1482,80	1647,55	1372,00
11	Morges	111000	766,95	643,00	1539,65	1647,55	1372,00
13	Vufflens-la-Ville	130200	832,55	643,00	1482,80	1647,55	1319,50
14	Yverdon-les-Bains	140000	1041,05	702,80	1372,00	1539,65	1208,70
15	Vucherens	150900	1041,05	643,00	1372,00	1482,80	1208,70
16	Palézieux	160700	1041,05	643,00	1372,00	1482,80	1208,70
17	Fribourg	170000	1319,50	902,50	1099,35	1264,10	975,40
18	Vevey	180000	1041,05	643,00	1372,00	1539,65	1264,10
19	Evionnaz	190200	1264,10	832,55	1592,15	1756,90	1427,40
40	Basel	400000	1898,35	1647,55	832,55	643,00	832,55
41	Bruderholz	410100	1937,70	1647,55	832,55	643,00	832,55
42	Duggingen	420200	1898,35	1647,55	902,50	643,00	902,50
43	Augst BL	430200	1858,95	1592,15	766,95	643,00	766,95
44	Frenkendorf	440200	1858,95	1592,15	766,95	643,00	766,95
45	Solothurn	450000	1592,15	1319,50	702,80	902,50	643,00

and also:

Distance matrix, tour post-calculation, tariff zones with postcode areas, ...



With know-how and software from Xplanis AG

As experts in transport logistics, we analyse existing structures and processes. Using quantitative simulations, we identify strategic and tactical optimisation potential and support you in operational implementation.

With **X4fleet** we offer cloud-based logistics software for transport companies in industry, manufacturing and trade.

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Contact us!



Make more of it – use xGU!

Details and a link to a trial version can be found at www.xgu.ch