

D1.2.2 Fuel Mapping and Validation (Pilot Regions)

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Table 1: –CZ-AT - Confusion Matrix ALL rows=CzechGlobe (reference) columns=Wildfire-V2 (Classified) kappa=0.128

	91	98	99	101	102	104	121	122	142	145	161	164	165	181	182	183	185	186	187	188
91	120	108	21	0	905	72	256	115	16	145	151	29	75	10	8	9	5	47	31	0
98	0	469	0	0	1	1	0	9	1	2	3	6	4	13	1	2	6	13	32	0
99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	4	4	5	0	451	31	10	1	1	73	15	2	11	7	0	2	5	10	2	0
104	78	197	5	3	2746	1666	119	118	42	240	117	43	313	44	38	62	18	193	65	5
121	0	0	0	0	0	0	3	2	1	3	1	0	0	0	0	1	0	1	0	0
122	20	44	1	0	37	21	110	170	30	113	108	154	140	32	6	36	9	39	45	12
142	0	2	0	0	1	0	21	3	0	0	7	10	3	1	0	0	0	1	4	0
145	3	34	0	0	41	41	56	76	50	304	119	90	363	126	77	157	5	447	378	83
161	0	0	0	0	5	0	0	1	0	1	2	0	2	0	0	0	0	0	0	0
164	0	0	0	0	1	0	15	9	1	0	15	9	5	2	0	2	0	5	3	1
165	19	171	1	0	55	55	573	559	335	930	3174	1001	4345	223	333	288	22	1370	3823	76
181	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
183	0	0	0	0	3	0	16	46	28	200	199	395	768	1016	122	1156	2	871	540	883
185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186	4	25	0	0	6	9	35	96	119	817	1283	262	4276	392	1140	574	2	6093	9534	59
187	0	0	0	0	0	0	0	3	5	35	6	1	86	19	33	16	0	284	501	1
188	0	0	0	0	0	0	1	0	0	1	12	26	32	76	16	97	0	50	45	207

189	0	0	0	0	0	0	0	3	4	40	10	2	100	20	52	19	0	391	375	1
202	0	0	0	0	0	1	15	7	1	12	2	11	5	1	1	2	0	3	2	0
UA	48.4%	44.5%	0.0%	0.0%	10.6%	87.8%	0.2%	14.0%	0.0%	10.4%	0.0%	0.4%	41.3%	0.0%	0.0%	47.7%	0.0%	62.1%	3.3%	15.

Table 2: -CZ-AT - Confusion Matrix rows=CzechGlobe (reference)
 columns=Wildfire-V2 (Classified) kappa=0.401

	9	10	12	14	16	18	20	PA
9	718	979	380	164	268	185	0	26.7%
10	293	4897	248	356	501	504	0	72.0%
12	65	58	285	147	403	200	1	24.6%
14	39	83	156	354	592	1707	0	12.1%
16	191	116	1157	1267	8553	7015	0	46.7%
18	29	18	200	1249	7459	29575	1	76.8%
20	0	1	22	13	18	10	0	0.0%
UA	53.8%	79.6%	11.6%	10.0%	48.1%	75.5%	0.0%	63.0%

Table 3: -DE-CZ - Confusion Matrix ALL rows=CzechGlobe (reference) columns=Wildfire-V2 (Classified) kappa=0.396

	91	98	99	101	102	104	121	122	142	145	161	164	165	181	182	183	185	186	187	18
91	9270	176	717	38	487	1551	216	1442	359	375	319	228	848	2	31	71	2	240	3	20
98	11	1185	6	4	13	82	0	1	2	39	8	2	6	0	4	2	1	4	0	0
99	1	1	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0
101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	37	1	17	0	6006	1544	5	14	1	17	32	5	45	0	1	8	0	40	0	1
104	4099	266	332	86	4057	41137	411	2675	261	2086	1065	326	2361	16	264	253	7	1138	9	57
121	0	0	1	0	0	2	323	231	18	16	55	27	96	6	0	9	0	9	0	0
122	659	47	48	18	98	505	2976	16929	1908	1545	1227	2748	5063	68	13	487	12	68	40	29
142	66	10	6	0	2	2	47	306	2945	11	94	131	161	2	0	21	0	5	4	2
145	372	51	19	3	74	799	632	3177	1141	13498	605	1991	2695	352	127	3651	308	1271	278	16
161	1	0	0	0	0	1	5	12	11	2	72	20	41	13	0	6	0	1	14	3
164	15	3	2	0	0	10	229	389	373	258	415	1612	617	198	2	376	12	22	69	22
165	796	105	66	13	204	1240	675	4036	1342	2092	3239	4084	12993	660	257	3380	77	2201	1306	18
181	0	0	0	0	0	0	2	1	23	3	5	38	7	124	0	7	0	6	5	0
182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
183	41	12	2	1	18	107	851	2852	831	5273	2509	5738	7573	3795	195	30407	2382	3382	2808	92
185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186	60	21	4	1	29	153	48	159	106	857	265	217	2752	429	763	2867	207	9423	1760	40
187	1	0	0	0	0	1	2	4	1	14	8	3	195	16	9	69	4	173	647	0
188	1	1	0	0	4	12	56	370	95	249	470	711	1305	320	9	2203	37	98	543	45
189	0	0	0	0	0	2	0	0	0	2	1	0	19	3	3	7	2	16	32	0
201	0	0	0	0	0	0	0	2	9	0	1	1	3	0	0	0	0	0	0	0
202	6	9	2	0	0	5	810	4194	1381	146	2020	2854	4233	56	1	239	7	3	86	15
UA	60.1%	62.8%	0.0%	0.0%	54.6%	87.2%	4.4%	46.0%	27.3%	51.0%	0.6%	7.8%	31.7%	2.0%	0.1%	69.0%	0.0%	52.1%	8.5%	24

Table 4: -DE-CZ - Confusion Matrix rows=CzechGlobe (reference)
 columns=Wildfire-V2 (Classified) kappa=0.514

	9	10	12	14	16	18	20	PA
9	11367	2177	1659	777	1411	390	49	63.8%
10	4752	52830	3105	2365	3834	1890	28	76.8%
12	755	623	20459	3487	9216	1030	4245	51.4%
14	524	880	4162	17595	5677	7875	926	46.7%
16	988	1468	5346	4078	23093	11324	3758	46.1%
18	143	328	4345	7454	21816	79661	2538	68.5%
20	17	5	5006	1536	9112	548	11334	41.1%
UA	61.3%	90.6%	46.4%	47.2%	31.1%	77.6%	49.5%	60.4%