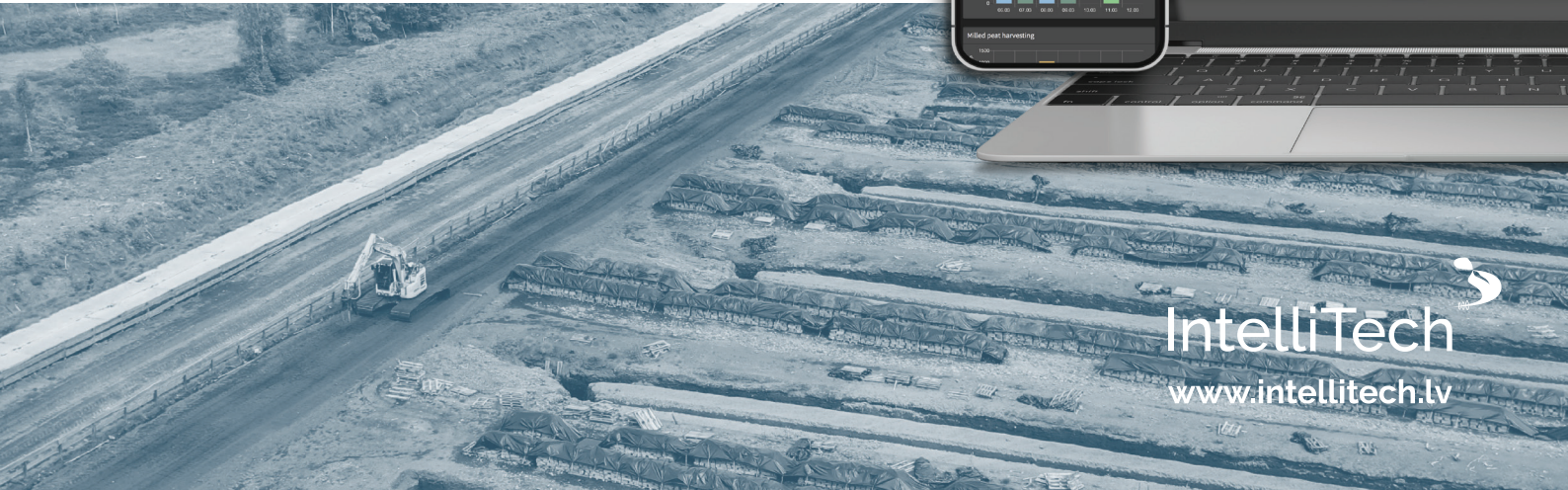


Onsite

ERP

For more efficient peat harvesting management



IntelliTech 
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Onsite ERP

Company IntelliTech has been providing high-availability IT infrastructure solutions in the EU since 2009. For the last 8 years, IntelliTech has been actively collaborating with different peat production companies, adapting their needs in Onsite ERP system. This system helps to analyze production volumes, organize your workforce, follow up temperature data and as well it ensures meteorological and GIS data integration.



Onsite ERP

We believe that Onsite ERP is a major step forward for the future of efficient data management. Our clients have also confirmed that this solution has helped make their lives and operations much easier.

With Onsite ERP, you will be able to gain more visibility and eventually increase your analytical capabilities. All the most time-consuming reports are now available in a real-time on every day basis. Another major benefit? Your company will see a sharp increase in productivity using the automation of tasks and the system's best-practice processes.

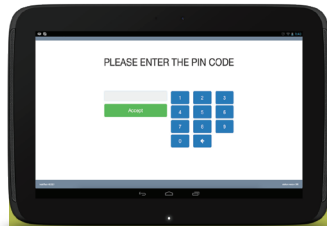


Onsite^{ERP}

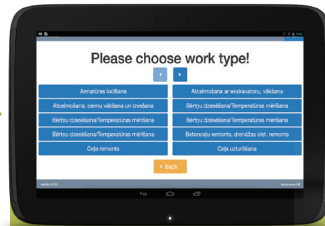


- ✔ **Cloud-based Software-as-a-Service solution**
- ✔ **Multilingual support available**
- ✔ **High performance (large amounts of data users)**
- ✔ **Easily configurable system for all of your diverse needs**
- ✔ **Open for system adjustments and further development**
- ✔ **Receive the highest security and data protection**

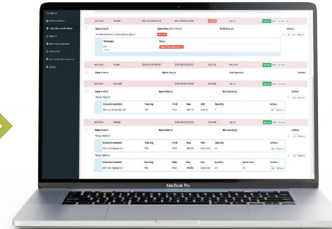
How does the Onsite ERP work?



At the beginning of the day each field worker registers the start of the day at the staff terminal or mobile app.



At the end of the day field workers provides all the necessary information about work done, hours spent and utilized equipment



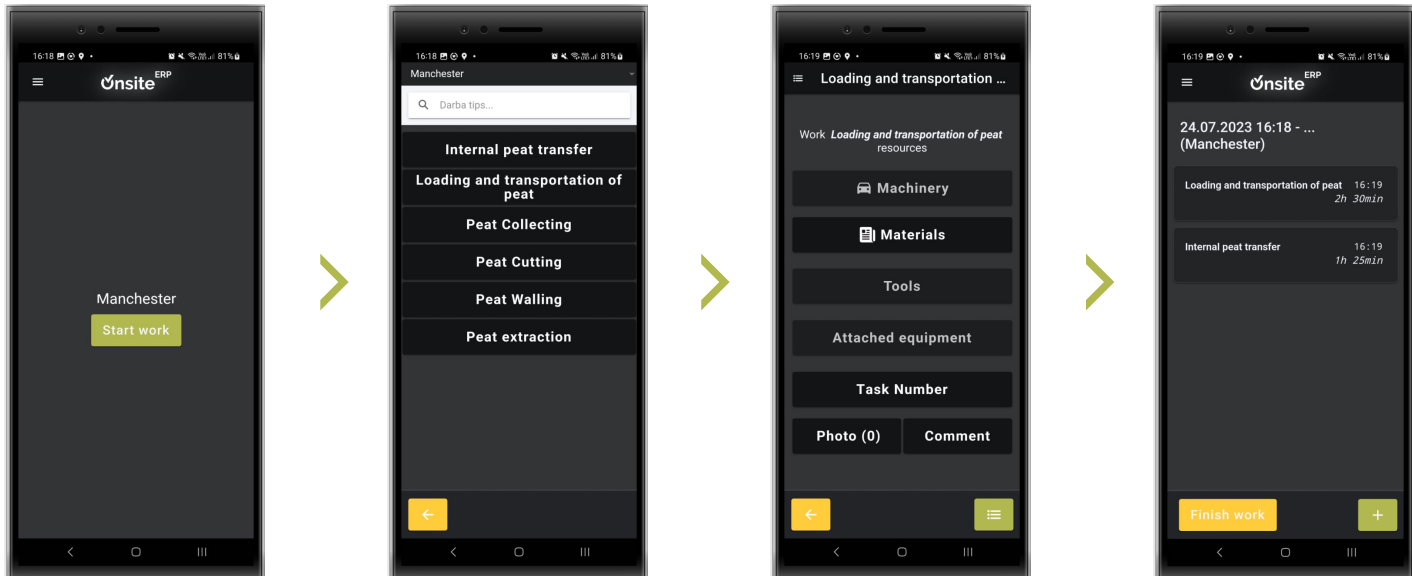
Fields manager goes through the submitted data and approves or edits the data if necessary.



Information about working hours, utilized equipment, fuel consumption, stockpile temperature available in report section.

Onsite ERP Mobile App

Onsite ERP app - a new solution that enables more convenient work management on personal phones. Seamlessly compatible with Android and iOS, it enables recording GPS coordinates, attaching photo evidence, and maintaining a comprehensive work history. Experience enhanced efficiency and productivity with our user-friendly and feature-rich app for streamlined Onsite ERP workforce management.



Real-time Production Data Management

Onsite ERP accounts the type of work done (time or amount accounted), in the specific field or part of the field where the task was done, amounts produced and equipment utilized. Pretty convenient, right? All of this information is automatically available in transparent reports and all the information is available immediately - 24/7. No complaints, no tracking failures, no problems.



Peat production > Milled peat - extraction report

2022 Turf site 10 Cutting methods

Generate report Download pdf

Milled peat daily production table Daily, monthly extraction

Milled peat daily production table
Turf site 10, 2022, Year

Methods of extraction: "Method 1","Method 18","Method 19","Method 6","Method 12","Method 11","Method 3","Method 4","Method 5","Method 6","Method 7"

Date	Field	Are of maps (ha gross)	Productivity (m ³ /ha gross)	Fulfillment (ha)	Efficiency	Production value (m ³)	Total (m ³)
2022-04-21	TF73	9.88	30	2.964	1	76	76
2022-04-22	TF72	27.378	30	8.2134	1	210	286
2022-04-22	TF73	9.88	30	2.964	1	76	362
2022-04-23	TF72	27.378	30	8.2134	1	210	572
2022-04-23	TF73	26.344	30	7.9032	1	202	774
2022-04-27	TF69	7.23	30	2.169	0.7	39	813
2022-04-27	TF72	27.378	30	8.2134	0.8	168	981
2022-04-27	TF73	26.344	30	7.9032	0.7	141	1.122
2022-04-27	TF74	4	30	1.2	1	31	1.153
2022-04-27	TF75	14.452	30	4.3356	0.7	77	1.230
2022-04-28	TF69	7.23	30	2.169	1	55	1.285
2022-04-28	TF72	27.378	30	8.2134	0.8	168	1.453

Complete Employee Overview

Keeping track of employee time and attendance is one of the central tasks of any business, and yet the major challenge.

Onsite ERP help to calculate the payroll of actual hours worked. Not on scheduled hours or individual estimates of how long a particular employee spent on the job. Onsite ERP ensures complete employee overview - from job task, work site, and delivery. With Onsite ERP, you will get a complete overview of your employees and ease the work for the management.



Stockpile Balances

Onsite ERP provides full production cycle management created specifically for the peat production industry. You can easily track volumes for each production stage in the specific field and map and track the movement of peat between different stockpiles. Onsite ERP provides precise traceability of each cubic meter - you can easily track on which field or map the peat was harvested, at what temperature it was stored, and through which stockpiles it was moved.

Peat production > Milled peat - extraction report i ☆ ↗

2023

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Milled peat daily production table [Daily, monthly extraction](#)

Milled peat daily production table

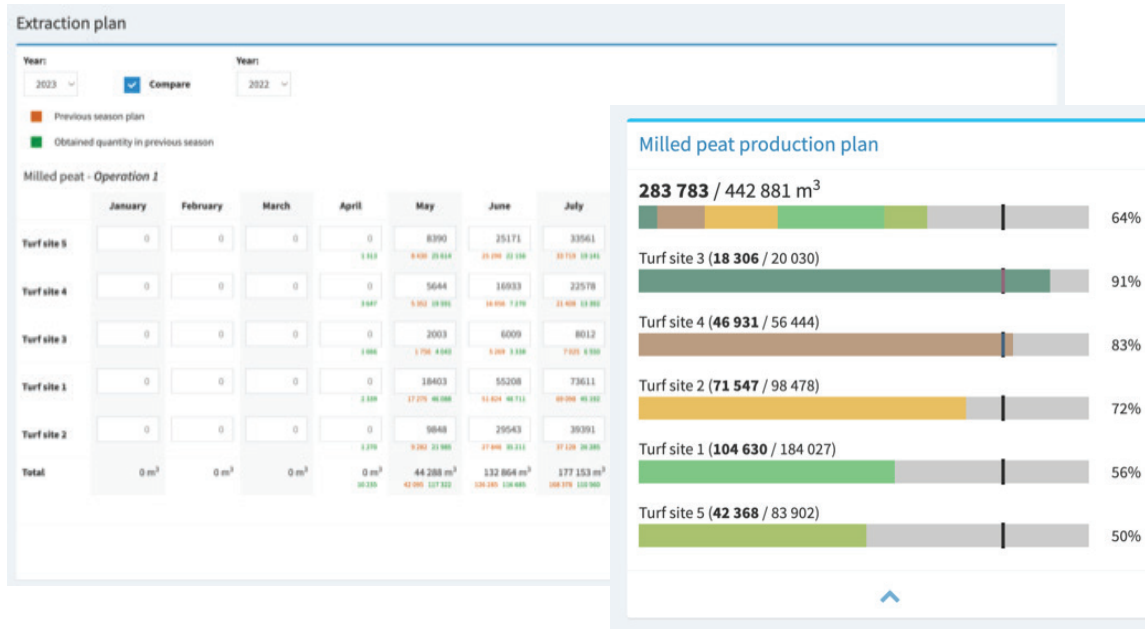
2023, Year

Peat bags: "Turf site 1", "Turf site 2", "Turf site 3", "Turf site 4", "Turf site 5"
 Methods of extraction: "Method 0", "Method 10", "Method 9", "Method 2", "Method 3", "Method 4", "Method 5"

Date	Peat bag	Field	Area of maps (ha gross)	Productivity (m³/ha gross)	Fulfillment (ha)	Efficiency	Production value (m³)	Total (m³)
2023-04-20	Turf site 2	TF23	2.08	38	2.08	1.5	102	102
2023-04-20	Turf site 2	TF25	2.2	38	2.2	1.2	86	188
2023-04-20	Turf site 2	TF28	3.6845	38	3.6845	1	120	308
2023-04-20	Turf site 3	TF29	11.498	30	3.4994	2	178	486
2023-04-21	Turf site 3	TF31	6.514	30	2.5542	4	264	750
2023-04-21	Turf site 4	TF41	2.072	40	2.072	20.8	1.485	2.335
2023-04-22	Turf site 2	TF23	4.104	38	4.104	1.2	161	2.396
2023-04-22	Turf site 2	TF25	2.2	38	2.2	1	72	2.468
2023-04-22	Turf site 2	TF28	3.6845	38	3.6845	1	120	2.588
2023-04-22	Turf site 3	TF31	6.514	30	2.5542	2.6	172	2.760
2023-04-23	Turf site 2	TF23	2.08	38	2.08	1.2	82	2.842
2023-04-23	Turf site 3	TF31	6.514	30	2.5542	2	132	2.974
2023-04-23	Turf site 3	TF36	6.7	30	2.01	2.5	130	3.204
2023-04-23	Turf site 4	TF39	8.97	38	8.97	1.2	352	3.456
2023-04-23	Turf site 4	TF40	17.21	38	17.21	1	562	4.018
2023-04-23	Turf site 4	TF41	16.576	40	16.576	1.5	803	4.872
2023-04-24	Turf site 1	TF6	16.068	35	16.068	0.6	290	5.162
2023-04-24	Turf site 1	TF9	18.5	35	18.5	0.6	352	5.515

Production Plan Development and Tracking

New functionality in Onsite ERP. You can now define a production plan by specific extraction operation for the whole peat production season. Throughout the season, each user of the system can now follow the progress of production volumes in each peat bog or the whole company in real time - the plan of estimated production volume and the actual production volume all in one place.



GEOGRAPHICAL INFORMATION SYSTEM (GIS)

GIS gives you the ability to effortlessly manage all the peat bogs in a digitalized way. In fact, geospatial resources provide you with the capability to evaluate information in regards to its location or place. Access to quickly recognizable maps is an important benefit to your company's operations. Using GIS for location or regional connections is a complete game-changer.



Fields

Warehouses

2021-04-07

Layers

- Not selected
- Peat bog
- Fields
- Partfields
- Stockpile
- Forest
- Water reservoir
- Workshop
- Fuel filling station
- Licensed territory

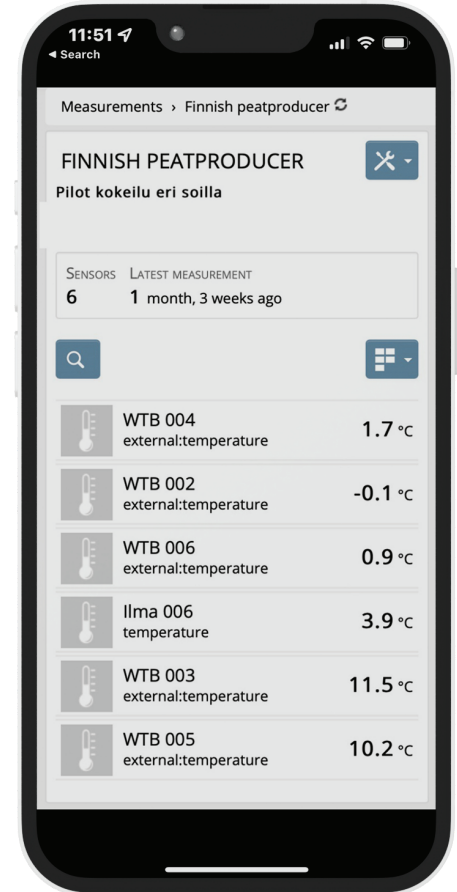
Warehouses without polygons



Temppi IoT temperature measurements:

We provide the leading IoT thermometers that can be placed into the stockpile of your peat bog. The easy-to-use device will provide temperature readings and location coordinates 24/7. The thermometer is long-lasting and has a highest degree of accuracy.

With its low cost and simple installation, the IoT thermometer can be placed anywhere in your stockpile and remotely transmit necessary temperature readings. To add, Temppi IoT thermometers provides integration with Onsite ERP meaning that all your temperature measurements can later be seen into your Onsite ERP system.

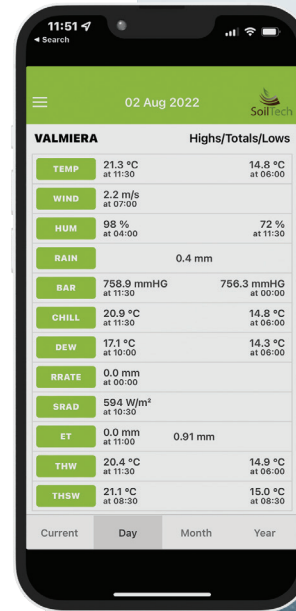


Meteorological Data Integration

Meteorological station implementation into your peat bog will provide you precise meteorological data which can later be used in order to develop a precise peat extraction plan.

- ✔ **Cloud-based IoT solution**
- ✔ **Provides management with real-time weather data directly from the peat bog**
- ✔ **Helps to analyze peat extraction data**
- ✔ **Weather forecasting in the peat bog**
- ✔ **Available on any mobile device**

Pricing: 100 EUR / a month for one meteorological station



Motorized Equipment GPS Integration

By integrating your GPS data into the Onsite ERP, you will be able to easily follow up on the location of each vehicle and the work done in the area. Pretty handy, right? This is highly recommended to smart peat production companies.



In fact, this solution helps management control the usage of fuel consumption, and engine hours, to milage, and more. It works with all of your vehicles, regardless of what type of vehicle it is. Our built-in interactive map display can further help you visualize the location and needs so that you can be an extremely efficient company.

Fuel Consumption

Onsite ERP provides the possibility to integrate your existing fuel pump data into a Onsite ERP system. The data is read from the fuel pumps and added to the respective motorized equipment that has been used for the specific work. This feature helps to follow the fuel balance in real-time making it easy to schedule the refueling in advance.

Motorized equipment > Fuel use report

2023 | 2024 | Generate report | Download Excel | Download pdf

January February March April May June July August September October November December Summary

Name	Nr	June 2023																														Total (l)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Belarus	TH0424			227			209		249		172		285		293	284	269	210		259	227					256		223	284		3 357	
CAT	TH0211	129					99	195	198	178	190	154	99	238	171												127	128	198	198	2 302	
CAT	TH0213	10					31	30		41																			57	32	205	
CAT	TH0216						135		99		109				109					104									123		798	
CAT	TH0366	180									160				135			137								115		136		142	985	
CAT	TH0407																														311	
CAT	TH0433						177				212	212						210		178		190						121		207	1 297	
Elektrostaĉija	TH0271	254					238	99	262	449	291	338	270	292	366	238	337	426	253	371	380	308	296					292	286	261	6 427	
Elektrostaĉija	TH0274							22		94								33				18						85		27	389	
Elektrostaĉija	TH0300																	119	231	140											490	
Elektrostaĉija	TH0334	174									244							246										273		218	1 156	
Elektrostaĉija	TH0367	121	103				120	99	132	112	117			129		117		109				114	143						151	131	1 696	
Elektrostaĉija	TH0373			126				89	158	180	139	151	158	158				124				198	153	193				143		257	2 211	
Komatsu	TH0306	89					182			134		168				176	149	145	188		183		131					250	47	133	1 925	
Komatsu	TH0307	194						79	173	424	173	173	292		223	149							183	199				241	182	6	2 701	
Komatsu	TH0230			246					220		233						90	229			178		228					224			1 657	
MECALAC AS900	TH0251											113				124	93													115	445	
MECALAC AS900	TH0239																									243	228		222	188	130	1 611
MECALAC	TH0308	81					89			68		75			896		97										97	94		111	1 747	
Total:		1 881	2 068	1 290	595	2 228	1 995	3 621	3 228	3 447	2 234	1 841	3 195	4 132	3 723	4 113	2 796	2 628	176	2 943	3 637	3 397	0	0	435	1 959	3 423	3 248	3 484	3 097	73 092	

Value Gained

Does Onsite ERP really save time and money, you ask? Yes, it does. Onsite has proven to save working hours for several employees (all of which can be used on different tasks). But don't just take our word for it. After analyzing several peat production companies which have already implemented Onsite, statistics show that on average Onsite saves up to:

Field manager

Saves up to 40 hours a month

Automated employee work reports

Peat production reports

Stockpile temperature monitoring

Accountant

Saves up to 30 hours a month

Automated real-time salary reports

Integration with accounting software

Fuel, engine hour reports

Production Manager

Saves up to 15 hours a month

Alerts about production plan execution

Immediate reports

Real-time weather data and weather forecast

Upper management

Real-time operational information

Cost analysis

Full transparency of the production volumes

PRICING

Onsite ERP has a flexible and transparent pricing policy. Onsite ERP price starts from 500 EUR / a month or 1,5 EUR per ha. . Pricing can be adjusted accordingly to your business needs.

Although, before any implementation and further discussion, we recommend our clients to get acquainted with our system by conducting a free trial to test if the solution is aligned with your business needs.

TRY OUR FERE DEMO TODAY TO GET STARTED!



For further cooperation:

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janis.kurts@intellitech.lv
+37126171416

www.intellitech.lv

REPORT EXAMPLES

Sod peat accounting journal:

Peat production > Sod peat accounting journal

2022 Quarter Turf site 10

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TFR0 TFR5 TFR1 TFR9 TFR7 TFR2 TFR3 TFR4 TFR5 Summary

Date	Number of cut units	Unit capacity (m³)	Excavated in 24 hours at natural humidity		89.80% Volumetric weight (t/m³)	Excavated (total)			
			m³	Tons (W=40%)		m³		Tons (W=40%)	
						From the beginning of month	From the beginning of season	From the beginning of month	From the beginning of season
9 June	176.61	2.70	477	72	0.890	477	477	72	72
11 June	45.65	2.70	323	19	0.890	600	600	91	91
12 June	19.83	2.70	54	8	0.890	654	654	99	99
13 June	355.11	2.70	959	145	0.890	1.612	1.612	244	244
14 June	322.06	2.70	870	132	0.890	2.482	2.482	376	376
17 June	84.06	2.70	227	34	0.890	2.709	2.709	410	410

Milled peat extraction accounting journal:

Peat production > Milled peat extraction accounting journal

2021 Quarter 3 Turf site 12

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TFR7 TFR8 TFR9 TFR0 TFR1 TFR2 TFR3 TFR4 TFR5 TFR6 TFR7 Summary

Addition 13 - table 1

Date	Extraction method	Planned area to be harvested (ha)	Harvested area (ha)	Quantity of peat from 1 ha (m³)	Per day	Collected m3 (m³)			Tons (Humidity W=40%)				
						From the beginning of month	From the beginning of season	Natural moisture (%)	Volume weight of naturally wet peat (t/m³)	Peat output in tons from 1 m3 (Humidity W=40%)	Per day	From the beginning of month	From the beginning of season
1 July	Method 11	3.88	5.08	31.50	136	136	1.654	46	0.190	0	23.26	23.26	275.04
2 July	Method 11	3.88	1.55	59.50	78	215	1.733	46	0.190	0	13.42	36.68	388.45
6 July	Method 11	3.88	5.32	35.00	158	373	1.891	45	0.180	0	26.10	62.78	314.56
8 July	Method 11	3.88	4.61	28.00	110	482	2.001	45	0.180	0	18.11	80.89	332.67
9 July	Method 11	3.88	2.26	15.00	67	550	2.060	46	0.180	0	10.88	91.77	343.55
11 July	Method 11	3.88	3.43	21.00	61	611	2.129	46	0.180	0	9.93	101.71	353.48
15 July	Method 11	3.88	2.96	28.00	71	681	2.200	46	0.180	0	11.43	113.13	364.91
16 July	Method 11	3.88	2.73	17.50	41	722	2.240	46	0.180	0	6.57	119.71	371.48
16 July	Method 11	3.88	1.55	24.50	30	752	2.270	45	0.180	0	4.95	124.66	376.43
19 July	Method 11	3.88	2.62	21.00	36	788	2.304	46	0.185	0	6.61	130.67	382.45
20 July	Method 11	3.88	0.78	24.50	16	804	2.322	46	0.185	0	2.69	133.36	385.14

Engine hour report:

Motorized equipment > Engine hour report

2021 Site 10

Generate report Download excel Download pdf

January February March April May June July August September October November December Summary

June 2021

Name	Nr	Hour measure	Repair (%)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total (h)
Belarus	THC012	8191	—	10	11	15	15	13	15	8																								112
Belarus	THC338	—	8																															42
Deleostation	THC042	8616	—	9	9	12	7																											212
Komatsu	THC016	9616	—	7	9	15	11	15	15	14	15	16	14	15	9	17	17	16	17	15	15	14	15	12										379
Komatsu	THC021	238	—	4	9	14	14	13	14	14	16	14	7	12	12	15	13	12	13	14	12	12	13	9										311
Komatsu	THC037	13813	—	9	9	9	9	11	10	10	10	9	10	13	10	10	10	10	10	9	12	9	9											250
PAUS SL	THC011	10740	—	5	10	5																												280
Unimog	THC043	7368	—	11	5	15	11	15	16	14	17	17	17	15	15	15	17	17	15	16	15	14	17											362
CAT	THC126	1	1																															0
Deleostation	THC149	1	1																															0
Unimog	THC127	1	1																															0
Unimog	THC133	1	1																															0
																																		11
																																		2.127

Employee work and time:

Time > Time work report

2021 August Amalia Lane (Position 6) Site 6

Generate report Download excel Download pdf

Done company 2021 Year August Amalia Lane

Date	Time worked			Job done	Work site	Notes
	From	To	Duration			
07.Aug	08:02	19:10	11:07:48	2h Railway capital repairs -ref: THM003, CAT, Engine hours doing work 0	Site 6	
				2h Sking binding -ref: THM003, Amalia, Engine hours doing work 5		
				1h Technical repair -ref: THM003, Amalia, Engine hours doing work 0		
08.Aug	08:30	17:22	08:52:28	1h Internal post handling for tractors -ref: THM020, PAUS SL, Field Auct 234, AG, Engine hour indication: 1378 -ref: THM020, PAUS SL, Engine hours doing work 8	Site 6	
09.Aug	07:50	20:19	12:28:47	1h Forest road -ref: THM020, PAUS SL, Engine hours doing work 12	Site 6	
10.Aug	07:56	20:17	12:20:53	4h Forest road -ref: THM020, PAUS SL, Field Auct 234, AG, Engine hour indication: 1378 -ref: THM020, PAUS SL, Engine hours doing work 4	Site 6	
				8h Road maintenance -ref: THM020, PAUS SL, Engine hours doing work 8		

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