

Adding Value to Peat Production Management by Using IT

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IntelliTech 



BALTIC
PEAT
PRODUCERS
FORUM

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10 year experience in the development of custom IT solutions

Our clients: Mainly production companies

Our specialization: Production process automatization



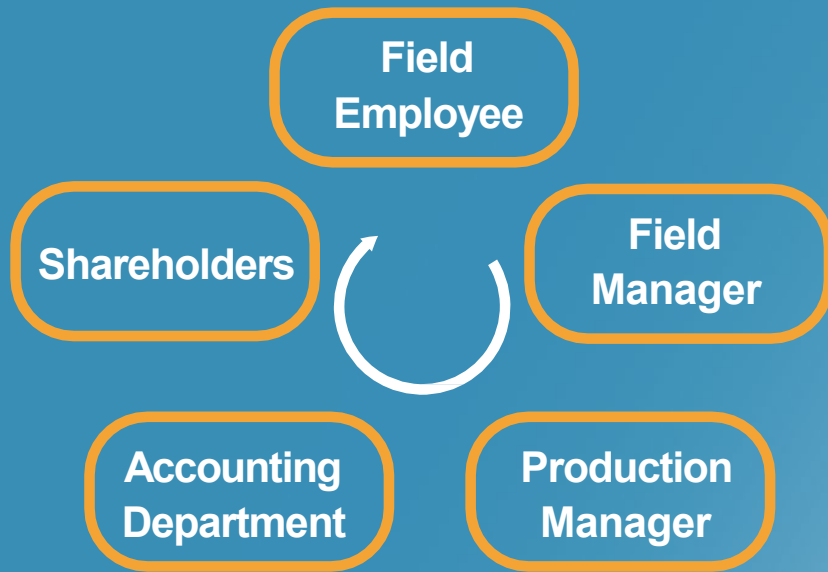
Content

- ▶ Information flow management;
- ▶ Meteorological data;
- ▶ Measurement technologies;
- ▶ Questions?



INFORMATION FLOW MANAGEMENT

Information flow management

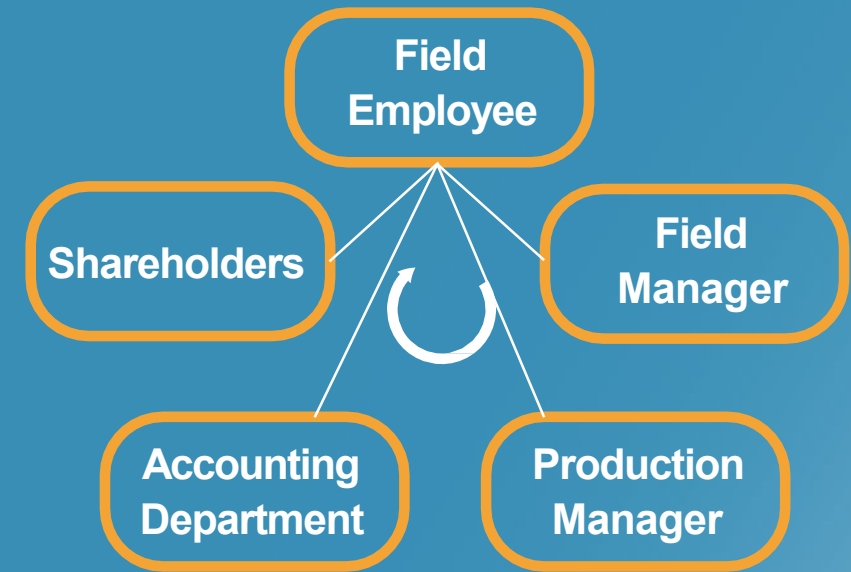


- Delay in the availability of all the operational data;
- Difficult to follow-up the production data correctness;
- Fields manager spends ridiculous amount of time by collecting the same information;
- The same data is manually handled by several high-level employees;
 - Changes in the information;

Information flow management (Opportunities)

Centralized data information system:

- Transfers data input from administration to the employees with a lower qualification (fields force);
- **Data validation** allows to evaluate the data correctness;
- **Data integration** ensures that all the data is verified by the computer with a logic test;



Information flow management (Opportunities)

- Data transparency – complete and transparent image of the situation in the company;
- Traceability – what, where, when was done;





METEOROLOGICAL DATA

Meteorological data



- Doesn't give a clear data about the situation on the field;
 - E.g., not possible to correctly detect ET speed;
- Not possible to collect a clear data history;
- Meteo data is collected manually;
 - 'The human factor'
- Time consuming process;

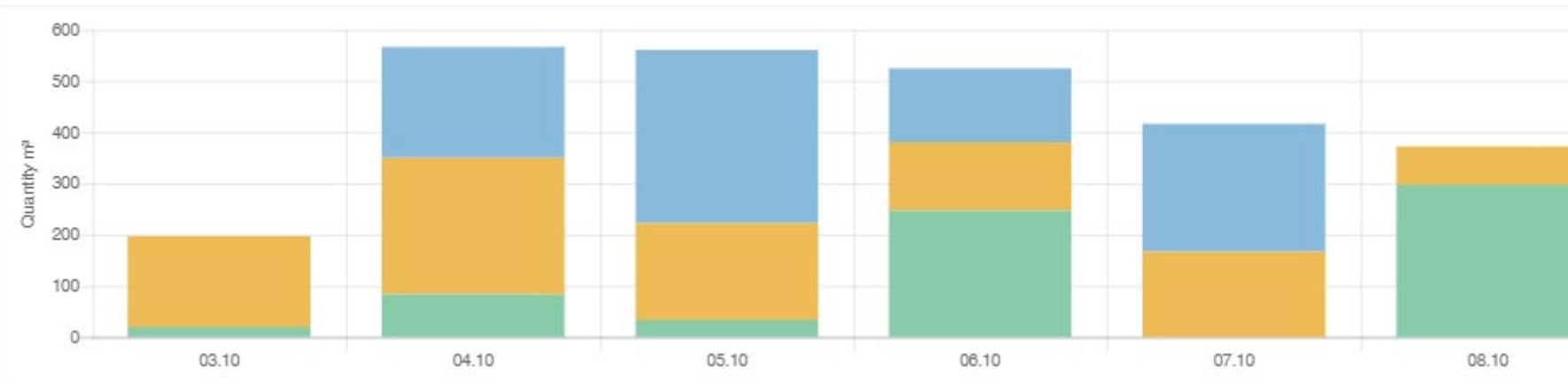
Meteorological data (Opportunities)



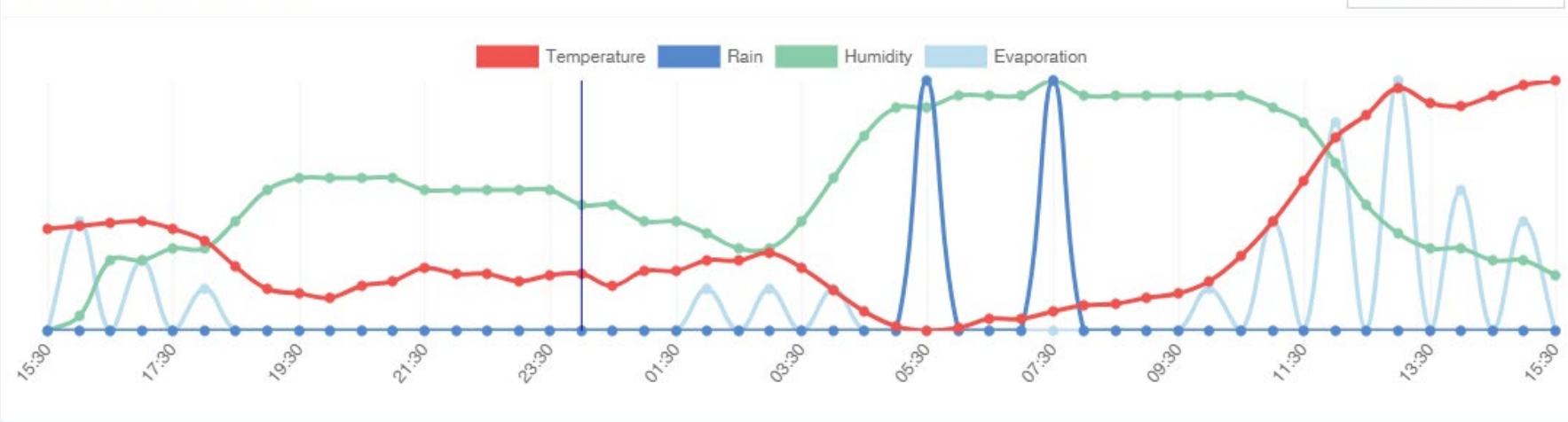
- Immediately gives a correct information about the situation on the field;
- Warns in case of potential danger (e.g., wind speed > 10 m/s);
- All the information is available on any device regardless of the location;
 - Unique opportunity to follow weather condition at every management level;
- The ability to compare extraction data with the meteorological data;
 - Weather data historical analysis for improvements of business efficiency;

Meteorological data (Opportunities)

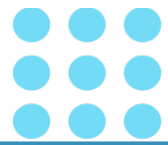
Milled peat extraction from turf sites (placed in warehouses)



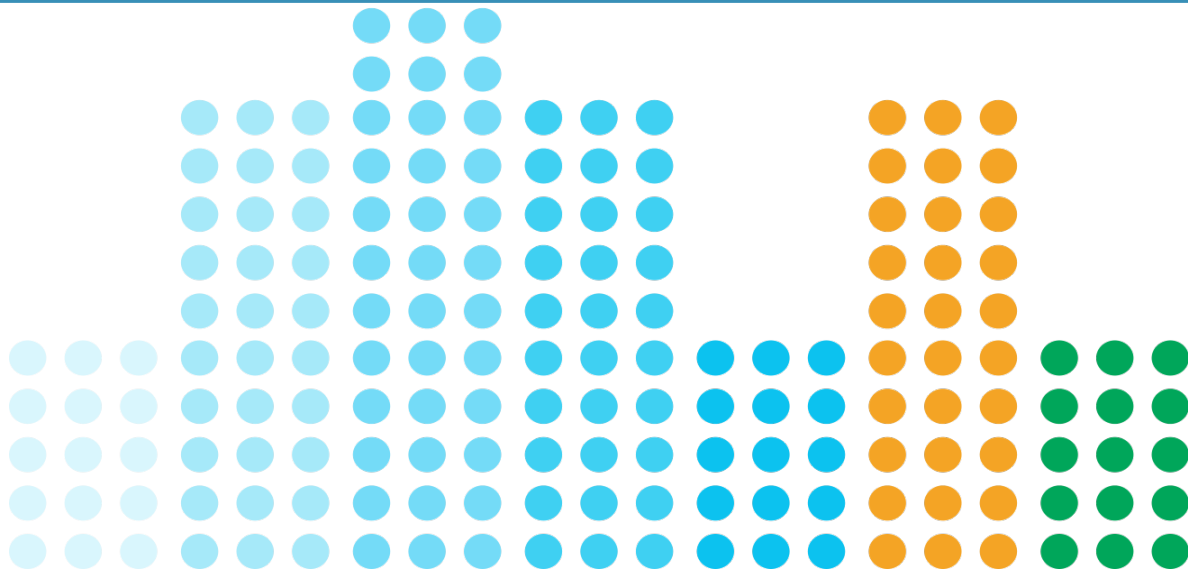
Turf sites meteo data (24h)



Create graphs,
calculate totals,
averages, analyze
trends, and
more..

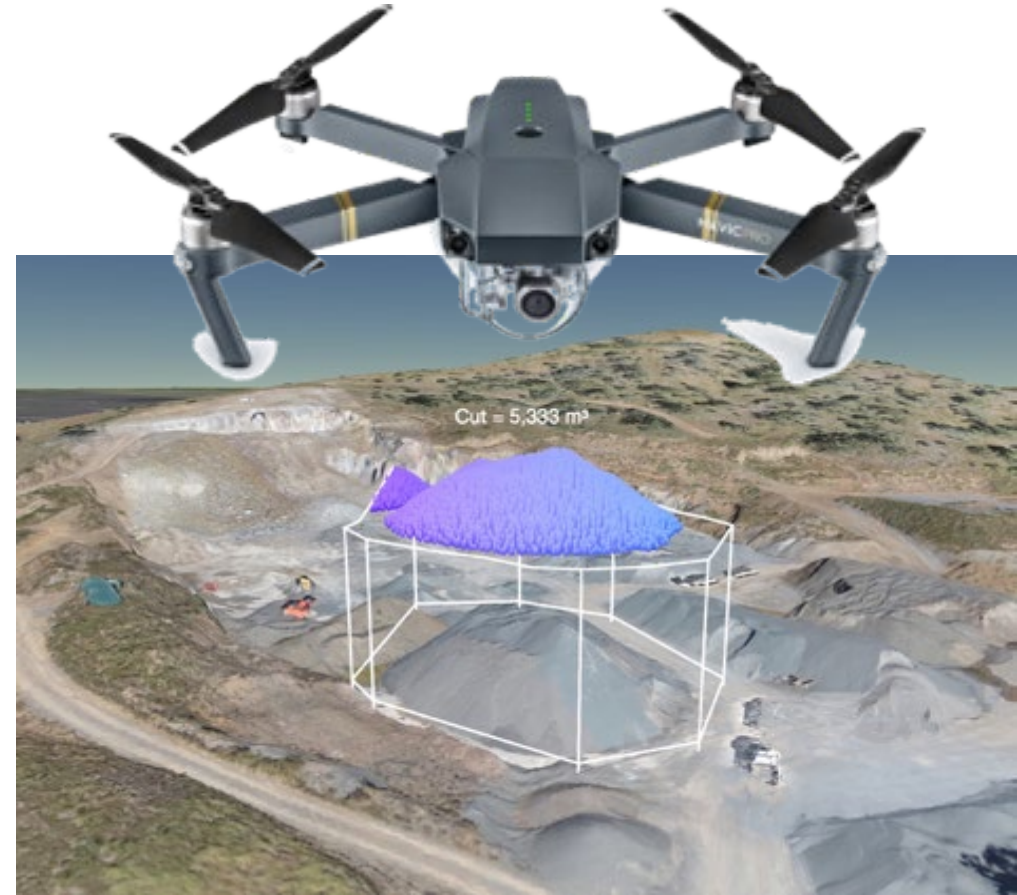
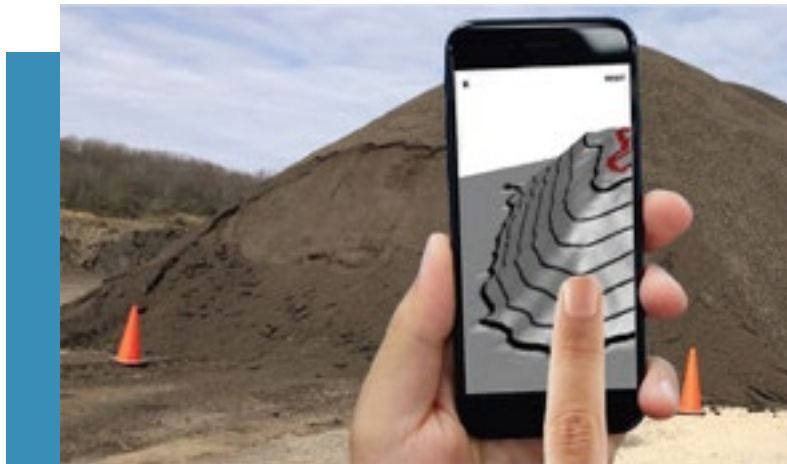


MEASUREMENT TECHNIQUES



Measurement techniques

- The quickest stockpile inventORIZATION solution;
- Convenient solution for area management;
- Detecting different problems within the area;



 **THANK YOU FOR YOUR ATTENTION!**



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QUESTIONS?

