



Optimizing logistics

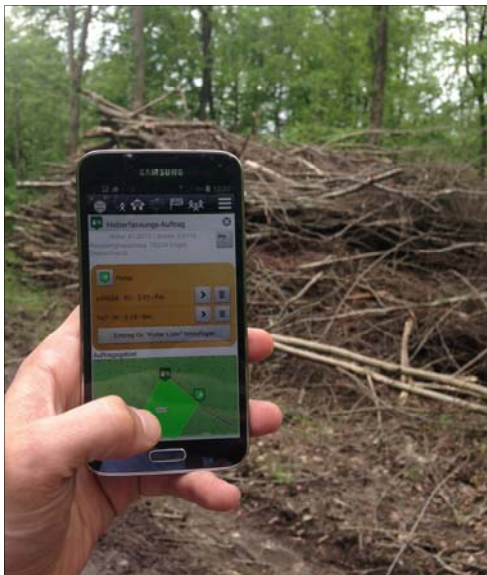
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Goals

The goal of the project was to optimize the logistics of a wood chips producing company using the software GeoMail. On the one hand Optimizing means finding wood more quickly and having an overview of the woods status, location and quantity. On the other hand the goal was to improve and optimize routing to/through the forest for the trucks of wood chips transport companies – as well as the route to the final destination of the wood chips. Reducing the length of the route and cutting unnecessary drives by finding the best route to multiple destinations in the Forest has the benefit that costs are reduced and less CO2 is produced.

Research Methods

- Analyzing the companies current logistics.
- Creating charts to show the current process and to illustrate points that can be optimized.
- Finding the right Hardware
- Adapting and customizing Software



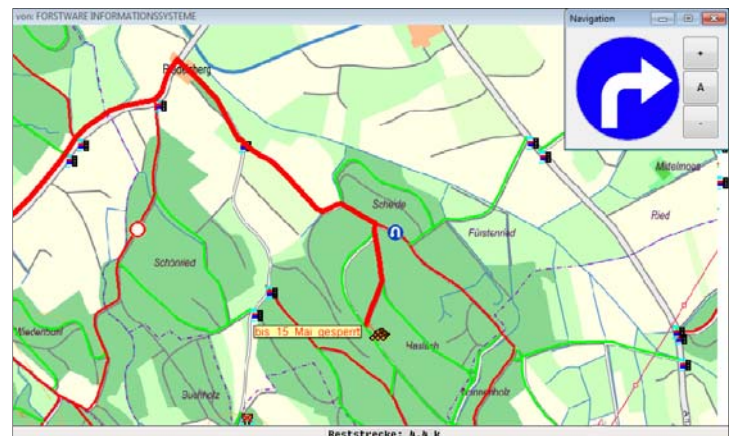
Enter bio mass in mobile phone (FwMobile). Other participants may see status and location of the piles

Results

- The enterprise has a great need for innovation
- There is a lot of potential for optimizing.
- Technologies develop quickly but old structures are not easily altered and need time to change.
- It is very difficult to dissolve existing structures in the companies and rebuild an optimized structure.
- There is a lot of interest for new technologies – but the main problem is the cost.
- Especially in transport companies – time is money – so there is no time for experiments and research.
- It is difficult to show the potential value of a software in a prognosis.

Conclusions

- To implement optimizing software successfully the partners need to be IT interested, patient and persistent.
- For projects it is important that they show the value of the optimisation in figures - e.g. cost benefit assessment.
- Using cheaper technologies – like mobile phones (FwMobile)



Using a windows pad or laptop and with help of the Navlog data trucks or other participants may be guided on the street and as well in the forest.

