

## PLAIN

On this itinerary, 70 participants were invited to discover aspects of the local value chains at three different locations.



Bioenergy and collaborative logistics

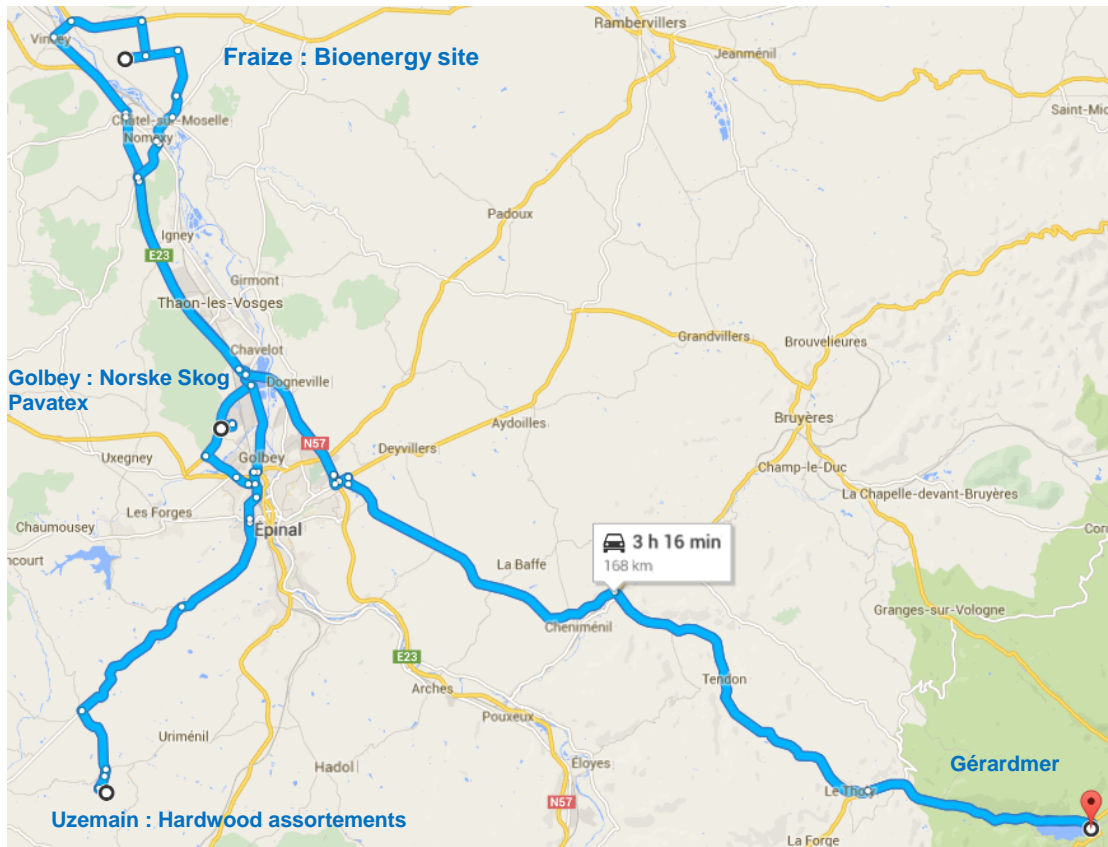


Hardwood assortments



Norske Skog Golbey & Pavatex in the "Green valley"

Location of the three sites:



Industrial partners on the "Plain" tour:



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### Bioenergy and collaborative logistics

Innovative material and working methods were demonstrated on this working site where first thinnings in broadleaves stands are now mechanized, with a special care for the sensitive soils. Several generations of biomass-specialised harvesting heads were presented as the result of a fruitful R&D cooperation between practitioners, manufacturers and researchers (national program [www.mecabiofor.fr](http://www.mecabiofor.fr)).

At the forest road side, collaborative biomass supply chain in practice were also discussed with Forêts & Bois de l'Est and ONF Energie who've collected some experience in the past 3 years. A new model of biomass-specialised truck highlighted modern practices for material and information flows implemented in the area.



The shear heads C360 (Jacquier's red) and S350 (Seve's green) mounted on excavators were demonstrated on site in an oak stand



This truck is used both by ONF ENergie and Forêts et Bois de l'Est "Sylvowatts" for the deliveries of the wood chips

People you met there:

- Hosts: Yves Marie Gardette, Aymeric Albert, Manuel Maucotel, Erwin Ulrich and Jean Pierre Watrin Claude (ONF and ONF Energie) in the state-owned forests "FD de Fraize" together with Damien François (Forêts et Bois de l'Est)
- Additional interventions: Christophe Ginet and Mahmoud Chakroun (FCBA) and Nicolas Vigneau (Ets Vigneau)
- Operating entrepreneurs: Benoît Fritsch (Sylvo Watts), Ets Calot

### Hardwood assortments

In Uzemain, participants were introduced to the many challenges of wood mobilization in private-owned forests (small size operation, non-cooperative neighbours, heterogenous high forest...). The final felling of this mixed broadleaves stand generated diverse round wood products whose proper



assortment ensures value creation through supply of the different consumers: sawmills, panel factories and local fuel wood consumers. The process for delivering the right logs for the right value chain was illustrated with beech and oak. Industrial specifications for round wood are taken into account for the actual bucking of the log by the supplier in order to fulfil the different contracts.



Preliminary estimation on standing trees



Round wood assortments according to clients' specifications regarding dimensions and singularities



People you met there:

- Hosts: Jérôme Klotz and Arnaud Guey (Forêts et Bois de l'Est)
- Additional intervention: Morgan Vuillermoz (FCBA)

### Norske Skog Golbey & Pavatex in the "Green valley"

Wagons and trucks all meet on the logistics platform of the "Green Valley" where NorskeSkog Golbey and Pavatex opened their gates for the FEC-FORMEC participants. The visit of both mills highlighted value creation at these industrial facilities, from the log yard to the final products: pulp & paper at Norske Skog and innovative panels for the building sector at Pavatex.

People you met there:

- Hosts at Norske Skog Golbey: Jean François Serre and Dominique Bomont (Norske Skog Golbey)
- Hosts at Pavatex: Christophe Beaussire and Aurélie Brémont (Pavatex)



Thank you for your participation!

