

Description of innovation

Innovation	
Title	Timflow, digital tracking of wood
Picture	 <p>TIMFLOW Wood Tracking</p> <p>PUNCT DE ÎNCĂRCARE</p> <p>BESTINAȚIE</p> <p>DUPĂ 24H SE PUBLICĂ PE PORTAL DATELE, FOTOGRAFIILE ÎNREGISTRATE LA LOCUL DE ÎNCĂRCARE ȘI TRASEUL PARCURS</p> <p>DISPOZITIV GPS ÎNCĂRCARE LEMN TRANSMITERE DATE CATRE SERVER SE ÎNREGISTREAZĂ LOCAȚIA VERIFICARE TRASEU GPS ȘI DOCUMENTE DESCĂRCARE LEMN VERIFICARE ÎNCĂRCĂTURĂ DATELE SUNT ÎNCĂRCATE PE PORTAL</p>
Domain	Transparent log deliveries, GPS-based system, Digitalization, data security, IT driven solutions
Source of wood	Romanian forests
Location	Romania
Implementers	Holzindustrie Schweighofer
Actual status	Running from 1 st of April 2017
Approach	Everybody can register on the website of timflow.com and review pictures, documents and routes from loading point to the destination of all trucks that deliver saw logs to Holzindustrie Schweighofer, the first company implementing Timflow as part of its action plan to fight the phenomenon of illegal logging in Romania. The application had several updates, nowadays is available in English, users could now see all log deliveries by truck simply by selecting the specific date and delivery point. This unprecedented offer, unique in the European wood industry, prompted a significant increase in the interest of the general public.
Main results	The application started in April 2017, the number of registered users grew 60% in the first two months following the update, and the number of transports checked on the platform surpassed the 3,000 mark – a growth of 75%. In 2017 over the first six months in operation, Timflow has recorded real-life data from all the trucks delivering logs to the first company implementing the traceability system. This includes the precise routes of the transports, a reference to the documents of origin and photos of the cargo. For each of the 16,000 transports (as of October

	2017) a unique dataset is stored securely on the Timflow servers. In order to better involve the public and other stakeholders, a dedicated Facebook page was launched as well.
Lessons learned	The stakeholders and users were asked what they think of the system and it was improved accordingly. Due to major update with new facility such as users could see all log deliveries simply by selecting specific dates, the public engagement increased significantly. Nowadays, Timflow is a unique traceability system, unparalleled in the entire European wood industry.
Contact information	Hannes Plackner, Timflow project manager https://www.timflow.com/contact
Link to website	www.timflow.com
Code	IN_RO_01

Innovation assessment

Region	Romania
Time scale	2017 -
Mobilization Potential	More than 1000 trucks are equipped with timflow application in Romania, Entire Europe
Kind of wood concerned	All kind of wood
Sustainability Potential	Very positive
Impact on environment & biodiversity	More transparency and visibility in wood processes, more control
Ease of implementation	Easy
Economic impact	Using transparent logging process, increase the sustainability of wood industry
Job effect	Few IT expert, digital device providers, etc.
Income effect	Sustainable and trackable wood process has long term effect on the stable income for wood industry, elimination of the illegal activities
Specific knowledge needed	IT, programing digital application
Costs of implementation	100.000 EUR
Technical readiness level	Ready for usage
Key information for adoption	Timflow can adopt in the entire European logging, transport and wood industry, through the interaction with different stakeholders the application can penetrate in all countries in Europe, but all around the world.