

Inovasi Agriplot : A Solution for Sustainability Challenges

The pressing issues of deforestation and forest degradation in the palm oil industry have led the EU and other markets to regulate commodity supply chains more stringently, ensuring that they are deforestation-free, legal, and conflict-free. To comply with the EU Deforestation Regulation (EUDR), operators and traders must provide evidence of compliance, particularly for high-risk countries. This necessitates a rigorous risk assessment based on lists of suppliers and their landbank polygons. Inovasi Agriplot, a tech-driven dataset developed by Earthqualizer Foundation and Inovasi Digital, offers a solution to these challenges by providing companies with the measurable and verifiable supply chain information they require. It empowers businesses to comply with the EUDR by providing accurate data on the origin of their commodities, helping to eliminate the risk of illegal or unsustainable practices in their supply chains.

Inovasi Agriplot uses advanced technologies like satellite imagery, geospatial data, and grievance data to map land use and cover of production sites, track commodity movements through the supply chain, and identify high-risk areas. It then assesses the environmental and social impacts associated with the production of commodities, as shown in Figure 1, providing stakeholders with the necessary information to make informed decisions. To date, our comprehensive information collection efforts in Indonesia and Malaysia have covered 17.2 million hectares, and this progress can enable stakeholders to proactively address sustainability challenges in the palm oil industry.

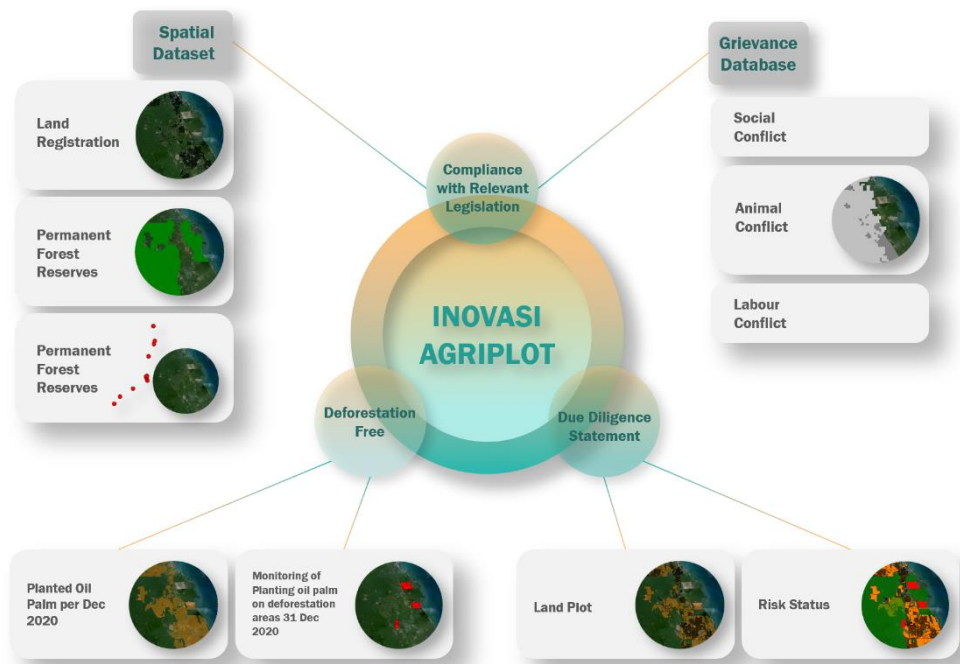


Figure 1. The workflow of Inovasi Agriplot

Inovasi Agriplot empowers companies to comply with sustainability standards including EUDR requirements, promote transparency and accountability, and drive innovation by encouraging the adoption of sustainable solutions and setting the standard for responsible commodity production. Inovasi Agriplot's success can be measured through the reduction of deforestation and forest degradation associated with the production of commodities, increased transparency and accountability, and the adoption of sustainable practices by companies.

Inclusion of Inovasi Agriplot in the Sustainable Palm Oil Dialogue's Innovation Fair would be a winning proposal that can bring significant positive change to the palm oil industry. This groundbreaking solution addresses a critical issue in the palm oil industry, promotes sustainability in the supply chain, and represents a promising example of innovative and sustainable technology. Furthermore, it can inspire and encourage others to develop and adopt new solutions to sustainability challenges in the palm oil industry, thus contributing to the achievement of sustainable development goals.