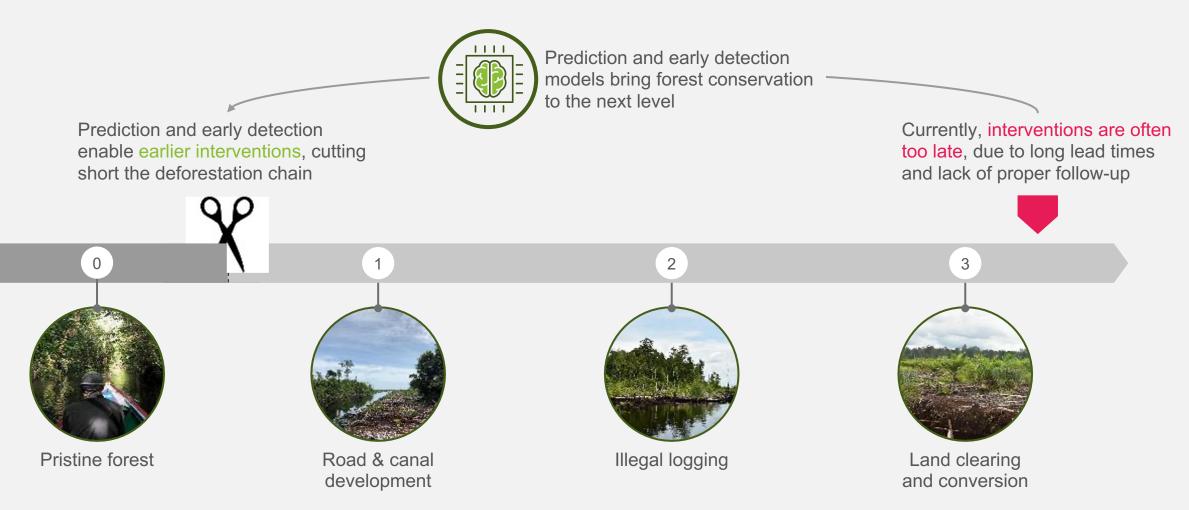


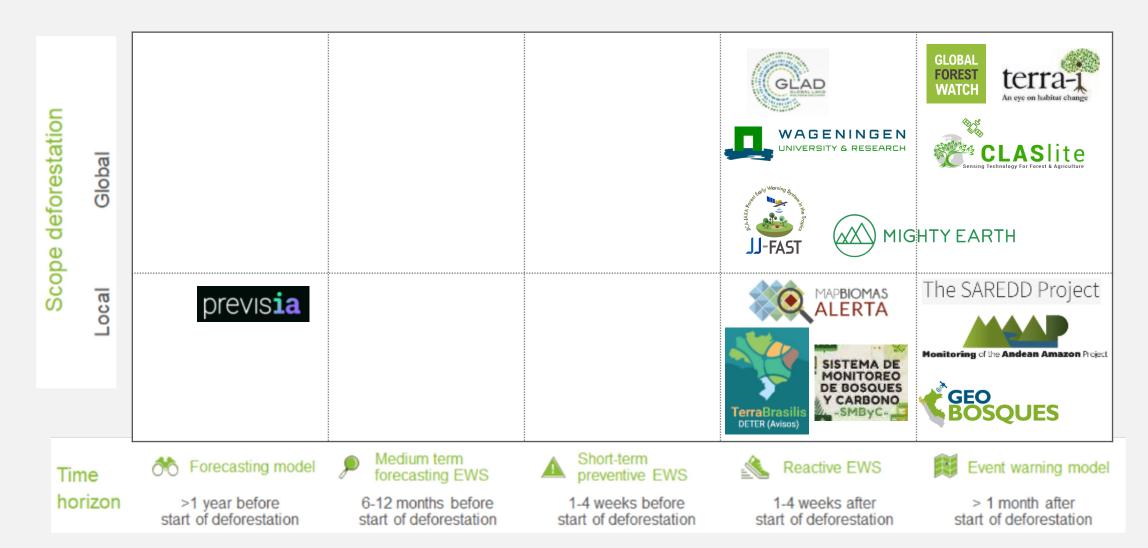
CLICK TO KNOW MORE



Case for change: enabling earlier interventions to bring the forest conservation practice to the next level



Existing forest monitoring systems



Existing forest monitoring systems



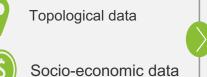
Strong technical foundation underlying FF



Collect historic radar satellite images



Collect deforestation driver data and generate indicators

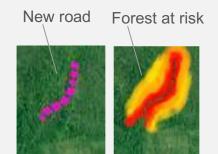


Satellite data and land cover data

Train machine learning models



Generate hot zone map of forest cover at risk



Launch interventions to prevent deforestation



Community engagement



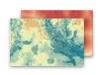
Safeguards in enforcement protocols



Preventative warning measures

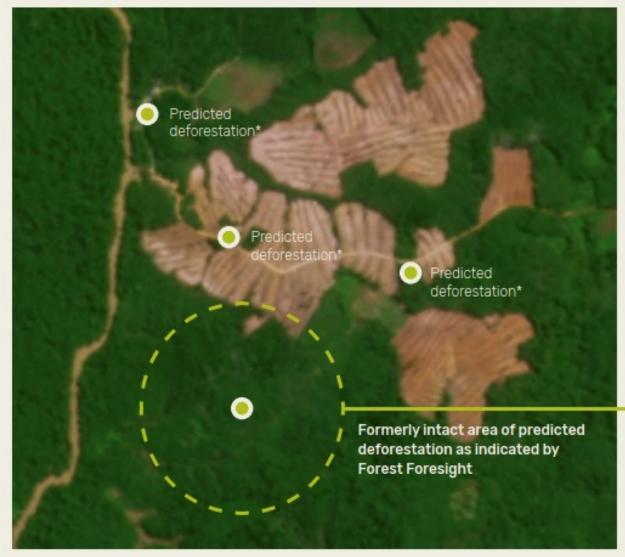


- Distance to degradation
- Distance to deforestation
- Landscape heterogeneity metrics



Static indicators

- Population density
- Distance to population center
- Distance to roads



Before - June 2021 Central Kalimantan (Indonesia)

* for illustrative purposes this is a simplification of predicted hotzone representation



After - February 2022 Central Kalimantan (Indonesia)

What a typical end-to-end FF process looks like...

FF team opens dashboard to review monthly predictions using filters and contextual data

Total Control Control

Area Manager is informed of predictions and logs in to dashboard to prioritize predictions and check permits

Egen Paris | P

Area Manager plans field investigations that are uploaded in the intervention tracking app



Area Manager instructs to carry out intervention plan, monitors results and reports back to FF team



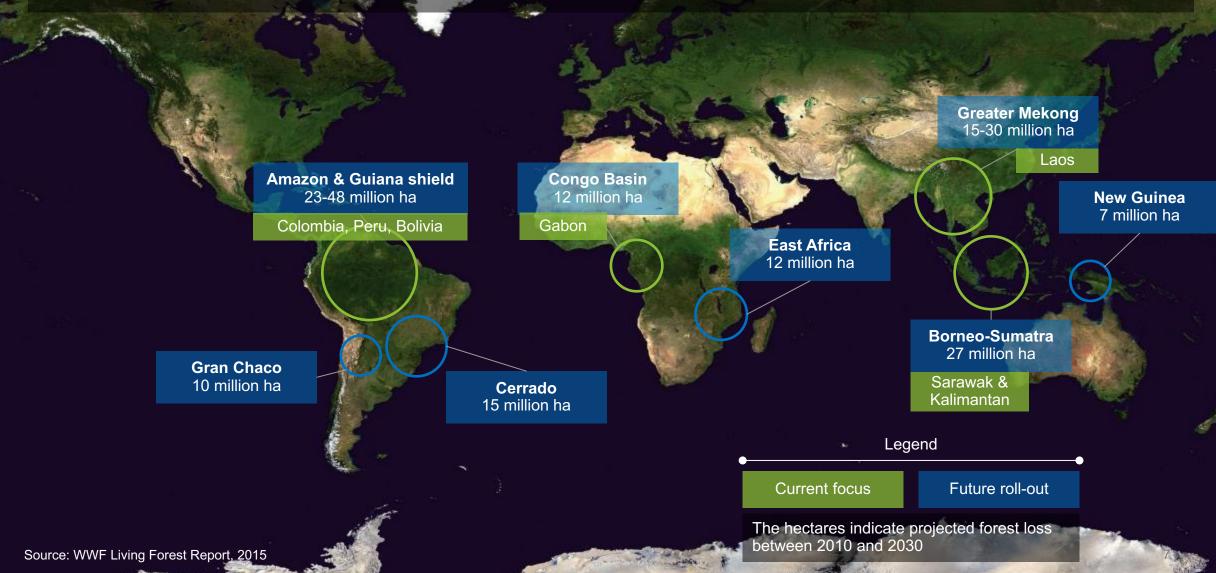
Lead by the Area Manager, FF team reviews the investigation report and agrees intervention plan if needed

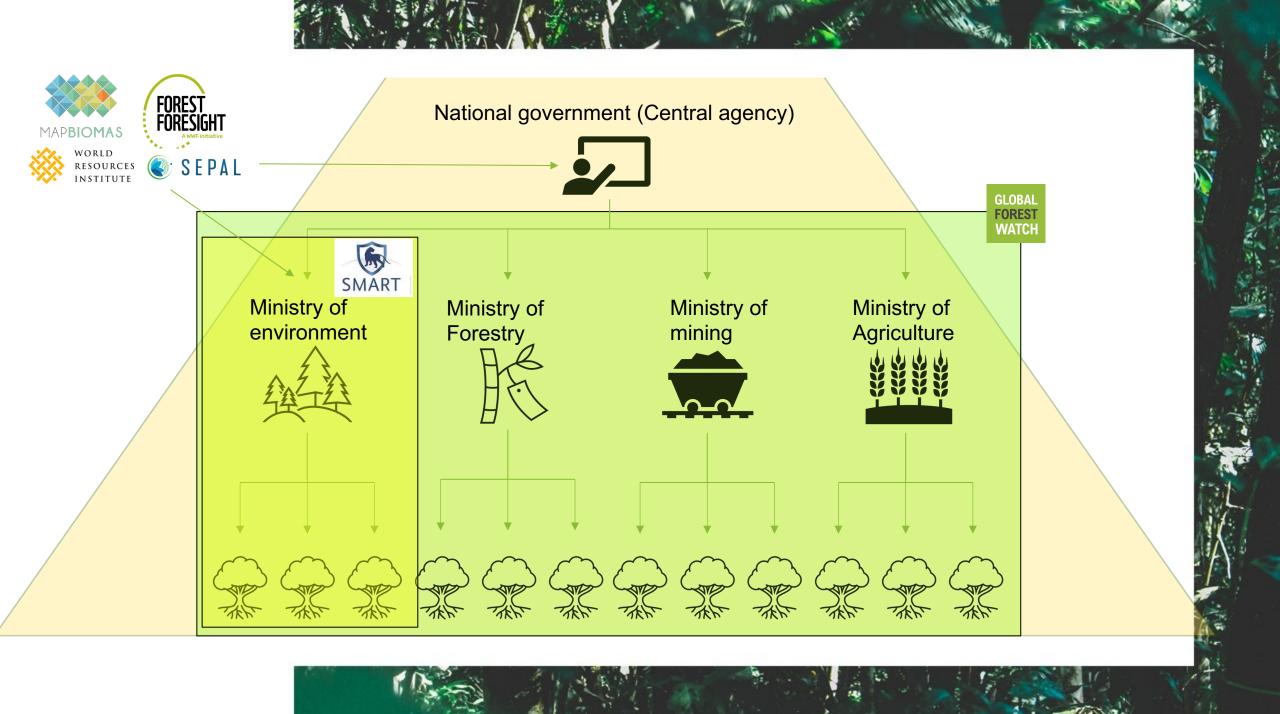


Patrol team verifies deforestation by visiting predictions in the field, taking photos & completing survey / checklist

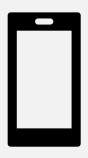


FF is currently engaging 7 countries with potential impact of up to 30% reduction in illegal deforestation





How can you help?



Access to emerging data on human mobility patterns



Implement the solution in your programs!



Improve the tech solution by setting up e.g. dedicated hackathon



Funding to support project implementation!

