








 Problem	 Impact	 Solution
<p>Donor approvals take 10+ days</p> <p>>\$2M delays per project</p> <p>No real-time climate risk validation</p>	<p> 60% faster approvals</p> <p> \$2M delays prevented</p> <p> Trusted by banks, donors, regulators</p>	<p>COS Approval Tracker integrates NASA FIRMS fire data into donor workflows:</p> <ul style="list-style-type: none"> Validates fire risk in real time Generates audit-ready JSON reports Provides transparent, bank-ready compliance outputs
 Tech Stack	Team COS	
<p>React Native</p> <p>Node.js</p> <p>Firebase</p> <p>NASA FIRMS APIs</p> <p> Ethical Statement</p> <ul style="list-style-type: none"> COS methodology authored by Susil Bhandari, CCM AI used only for drafting/visualization Core logic & workflows are original 	Team COS	
	 <p>Susil Bhandari Technical & Compliance Lead</p>	 <p>Akshata Adhikari Outreach Lead</p>
	<ul style="list-style-type: none"> Proudly representing Nepal 🇳🇵 	

Key Links

- Demo Video (30s):** <https://drive.google.com/file/d/1QnZxkdDPN44WalAfko-x0CmpyLlw7rP2/view?usp=sharing>
- Slides (5):** https://drive.google.com/file/d/1ZjBGPELeZZrLYWZrdd9w1WTzAlso7Y_l/view?usp=sharing
- Code & Docs:** <https://github.com/cmacademyconsulting/cos-tracker-app>
- NASA Data:** <https://firms.modaps.eosdis.nasa.gov>