SafeShipping Grant Proposal Ranking

# 🌱 Gitcoin Grants

**🔹 Project Title:**  
*SafeShipping: Open Supply Chain Infra for Public Good*

**🔹 Focus:**  
Create open-source smart contracts and middleware for transparent shipping records and tokenized documentation. Build public tools for customs agents, carriers, and recipients, enhancing global trade fairness and transparency.

**🔹 Why Gitcoin:**

* SafeShipping is a logistics transparency public good
* Smart contracts are MIT-licensed, available for all global logistics players
* Aligned with Gitcoin’s mission to fund open, verifiable, decentralized infrastructure
* Matching pool gives early traction and validation from Web3 community

# 🟣 Polygon Ecosystem

**🔹 Project Title:**  
*SafeShipping: Enterprise Logistics on Polygon*

**🔹 Focus:**  
Develop an enterprise-ready logistics solution using NFTs (tokenized bills of lading) and milestone smart contracts on Polygon. Target customs, freight forwarders, and carriers who need faster and cheaper trade automation.

**🔹 Why Polygon:**

* Strong push into enterprise adoption, especially for supply chain
* Lower fees and fast confirmation times ideal for tracking high-frequency shipment data
* Robust support for tokenization (NFTs, zkEVM for privacy-preserving doc storage)
* Corporate partnerships and access to Polygon business development resources

# ⚡ Solana Foundation

**🔹 Project Title:**  
*SafeShipping on Solana: Real-Time Shipping Verifiability*

**🔹 Focus:**  
Implement a version of SafeShipping using Solana's ultra-fast layer for real-time data streaming from IoT sensors. Use Solana's account model to track cargo states and integrate with sensors for condition-based releases.

**🔹 Why Solana:**

* High throughput suits constant IoT sensor updates and logistics scanning
* DePIN support aligns with decentralized shipping infrastructure goals
* Useful for rapid checkpoint validations (ports, customs, warehouse)
* Requires Rust development and adaptation from Solidity, but well-suited for speed-critical supply chain