Build on Algorand

Open Innovation Challenge — Powered by Algorand

Track Overview

This is an open innovation track. You can choose a problem statement from RIFT's curated list
🗅 College_Hackathon_Project_Ideas_Algorand.docx or propose your own original idea. The only requirement is
that your project must meaningfully leverage the Algorand blockchain and use AlgoKit as the primary
development toolkit.

Algorand & AlgoKit — What You Must Use

- All smart contracts must be deployed to the Algorand Testnet
- AlgoKit must be used as the primary development framework
- You must provide your App ID (Testnet) at submission
- Your solution must interact with Algorand in a meaningful way — not just as a payment layer

What is AlgoKit?

✓ AlgoKit is Algorand's official development toolkit for building, testing, and deploying smart
contracts

✓ Documentation and resources available at: https://developer.algorand.org/algokit/

✓ Use AlgoKit to scaffold your project: algokit init

Problem Statement Selection

**Problem statements for this track will be published on the RIFT website during the official selection
window:**

Selection Window
19 February 2026 • 6:00 PM – 8:00 PM
Visit the RIFT website to view and select your problem statement

Alternatively, you may propose your own original problem and solution, provided it:
- Uses Algorand blockchain meaningfully
- Uses AlgoKit for development and deployment
- Solves a real-world problem

- Demonstrates technical depth and innovation

What to Build

Your project should include a complete, working application. Possible directions include (but are not limited to):
- Decentralized Finance (DeFi) tools — lending, staking, liquidity pools
- NFT platforms — minting, marketplaces, royalties
- DAO governance systems — on-chain voting, proposal management
- Supply chain / provenance tracking
- Identity & credential verification
- Gaming and digital asset platforms
- Carbon credits / sustainability tracking
- Cross-border payments and remittances

Submission Requirements

⚠ **All of the following are MANDATORY. Missing any item will result in disqualification.**

⚠ Problem Statement selected via RIFT website (selection window: 19 Feb, 6:00 PM – 8:00 PM)

⚠ GitHub Repository (public) with complete source code

⚠ Hosted / Live URL (publicly accessible frontend or demo)

⚠ App ID (Testnet) — your deployed Algorand smart contract application ID

⚠ Demo video (2–3 min) posted on LinkedIn, tagging RIFT's official LinkedIn page: https://www.linkedin.com/company/rift-pwioi/

README.md Must Include

- Project title and description
- Problem statement selected (or description of your original idea)
- Live demo URL
- LinkedIn demo video URL
- App ID (Testnet) and Testnet explorer link
- Architecture overview — smart contract + frontend interaction
- Tech stack — AlgoKit, smart contract language (PyTEAL / Beaker / TEALScript), frontend
- Installation & setup instructions
- Usage guide with screenshots
- Known limitations
- Team members and roles

Demo Video Requirements

- Duration: 2–3 minutes
- Platform: LinkedIn (must be PUBLIC)
- Must tag RIFT's official LinkedIn page: https://www.linkedin.com/company/rift-pwioi/
- Must show a live working demo of your application
- Must explain your architecture and Algorand integration
- Must demonstrate smart contract interaction on Testnet

Evaluation Criteria

#	Criterion	Description
1	**Problem Clarity**	Clear understanding of the chosen problem and its constraints
2	**Solution Accuracy**	Correctness of the Algorand-based implementation
3	**Technical Depth**	Smart contract quality, AlgoKit usage, on-chain architecture
4	**Innovation & Thinking**	Creativity, novel use of Algorand capabilities
5	**Presentation**	Demo video quality and clarity of explanation

Tips for a Strong Submission

What judges love to see:

✓ A real problem being solved — not just a demo for demo's sake

✓ Clean, auditable smart contract code with comments

✓ Smooth UX that hides blockchain complexity from the end user

✓ Proper use of AlgoKit features (debugging, testing, deployment pipeline)

✓ Testnet deployment with verifiable App ID

⚠ **DISQUALIFICATION — Immediate disqualification if any of the following apply:**

✗ No Algorand smart contract deployed on Testnet

✗ AlgoKit not used as the development framework

✗ No App ID submitted

✗ No live deployment or hosted URL provided

✗ No LinkedIn demo video posted, or video is not public

✗ Video does not tag RIFT's official LinkedIn page

✗ GitHub repository is private or empty

✗ Submission after the deadline