

# VEHICLE-SUPRA Operational Cost Plan

## v1

### Autonomous and Extreme Environment Systems

#### OPERATIONAL COST PLAN

Project	VEHICLE-SUPRA
Developed by	VEHICLE Systems Lab
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Associated record	DOI 10.5281/zenodo.19981738
Status	Experimental architecture, premium HTML demo and investor-ready concept

### Operational Objective

The objective is to develop VEHICLE-SUPRA from a premium HTML demonstration into a documented, testable and partner-reviewable research prototype for autonomous and extreme-environment systems.

### 1. Development Phases

Phase	Duration	Primary Work	Deliverables
1	1-3 months	Research consolidation and packaging	Docs, demo package, AI reference, diagrams
2	3-6 months	Prototype and simulation development	Scenario engine, data model, audit logs
3	6-12 months	Controlled partner review	Validation reports, pilot protocol, review materials
4	12+ months	Laboratory expansion	Team, infrastructure, partnerships, publications

### 2. Required Team Roles

- Research director / principal architect
- Autonomous systems researcher
- Simulation developer
- Frontend/interface developer
- Technical writer
- Ethics and legal reviewer

- Cybersecurity reviewer
- Institutional partnership lead

### 3. Infrastructure Needs

- Website and download infrastructure
- Code repository and version control
- Simulation environment
- Cloud or local development machines
- Documentation workflow
- Demo hosting environment
- Backup and archive system

### 4. Estimated Cost Categories

- Research leadership
- Software development
- Simulation development
- Interface design
- Technical documentation
- Legal and ethical review
- Cybersecurity review
- Repository and website maintenance
- Publication and archiving
- Partner outreach
- Administrative support

### 5. Deliverables by Phase

1. Phase 1 delivers public documentation, demo package and AI reference file.
2. Phase 2 delivers a modular prototype, validation scenarios and audit-oriented outputs.
3. Phase 3 delivers partner review materials, pilot protocols and technical validation reports.
4. Phase 4 delivers expanded team, infrastructure and long-term laboratory capacity.

### 6. Transparency Statement

This operational plan is designed to show that VEHICLE-SUPRA is part of a real technology research laboratory structure. Funding is allocated toward research, prototyping, validation, documentation, ethical review and institutional readiness, not toward vague or untraceable activity.

### 7. Contact

For operational, investment or technical review: [contact@vehiclesystemslab.com](mailto:contact@vehiclesystemslab.com)