OIVP Whitepaper v0.2

Open Identity Verification Protocol (OIVP) – Light Edition

1. Introduction

OIVP (Open Identity Verification Protocol) is a decentralized protocol designed to replace traditional OTP-based verification with reusable, verifiable credentials for phone numbers and emails. The protocol empowers users to verify once and reuse their identity securely across any platform, reducing cost and friction for developers while maintaining privacy and consent standards.

2. OIVP Labs Overview

OIVP Labs is the core R&D; entity behind the protocol. It leads development of the OIVP Stack, supports ecosystem partners, and manages grants and pre-seed funding. The Labs ensures the protocol remains open, developer-friendly, and governed by decentralized principles. Post-MVP, governance will transition to a DAO to ensure transparency and community ownership.

3. The OIVP Stack

The OIVP technology stack enables developers, issuers, and users to interact seamlessly within the verification ecosystem: 1. OIVP Core Protocol – On-chain credential registry (Base L2) 2. OIVP SDK & APIs – Developer tools for integration 3. OIVP Wallet – User identity wallet (off-chain VCs) 4. Issuer Dashboard – Credential management interface 5. Relayer Nodes – Optional acceleration for proof lookups 6. Notification Layer – Verified communication services 7. OIVP Labs Portal – Documentation, grants, and community access

4. Pre-Seed Funding

OIVP Labs is raising a pre-seed round of AED 1.2M (~$325K USD) to extend runway toward MVP release and secure key ecosystem partnerships.

Category	Allocation %
Product Development (Protocol, SDK, Wallet)	40%
Engineering & Audits	25%
Operations & Compliance (ADGM setup, licenses)	20%
Marketing & Ecosystem Grants	10%
Reserve & Contingency	5%

5. Roadmap

The development roadmap aligns with the product and ecosystem goals for 2025–2026.

Phase	Period	Focus
Q4 2025	Entity setup, grants, MVP design	
Q1 2026	Smart contracts + SDK alpha	
Q2 2026	Issuer dashboard & wallet beta	
Q3 2026	MVP launch & ecosystem onboarding	
Q4 2026	DAO & governance layer	

6. Ecosystem & Governance

OIVP's decentralized ecosystem includes multiple actors: - Issuers: Apps, banks, and digital platforms issuing verified credentials. - Relayers: Nodes that verify and serve proofs, earning rewards. - DAO: Post-MVP governance body for managing token utility and treasury.

7. Technical Architecture

- Credential hashes are stored on Base L2 for immutability. - Verifiable credentials are held off-chain in OIVP Wallets. - Verification flow completes in under 10 seconds at a cost below $0.01. - Future interoperability will include cross-chain verification layers.

8. Compliance & Risk Management

OIVP follows a consent-first privacy model and aligns with GDPR and local data protection laws. Code audits, bug bounties, and strong governance minimize technical and operational risks. Funding and ecosystem risks are managed through milestone-based grants and partnerships.

9. Brand & Identity

Tagline: "Verify Once. Trust Everywhere." Color palette: Teal → Blue gradient, Deep Navy background, White text. Typography: Poppins for headings, Inter for body, IBM Plex Mono for code. OIVP Labs manages design consistency across all public and investor materials.

10. Conclusion

OIVP redefines digital identity by enabling privacy-first, reusable verifications at global scale. Through OIVP Labs' leadership and Base ecosystem support, the protocol will deliver the foundation for decentralized, cross-platform trust infrastructure. This whitepaper reflects v0.2 – updated with Labs integration, full stack details, and pre-seed roadmap alignment.