### **Routa: Movement Rewired**

**A Decentralized Courier Network Powered by Base**

#### **1. Abstract**

Routa is a peer-to-peer courier and delivery platform that enables riders and users to connect directly, without middlemen or inflated commissions.  
 Built on **Base**, Routa combines Web3 payment rails with real-world logistics, enabling **instant crypto and fiat settlements** across Africa’s growing delivery economy.

By integrating blockchain for transparent transactions and smart contracts for accountability, Routa creates a fairer, faster, and community-owned alternative to centralized gig platforms.

#### **2. Problem**

Traditional courier and delivery services in Nigeria and much of Africa, face three major issues:

1. **Unfair revenue splits:** Riders lose up to 30% of their earnings to intermediaries.
2. **Payment friction:** Delays, failed transfers, and limited digital payment access reduce trust.
3. **Platform opacity:** Centralized apps manipulate pricing and data, leaving users powerless.

This combination limits rider motivation, drives up prices, and erodes user trust, creating a broken logistics ecosystem ripe for disruption.

#### **3. Solution**

Routa introduces a **decentralized logistics marketplace**, where individuals or small courier teams can:

* Negotiate rates directly with users.
* Get paid instantly in **crypto (via Base)** or **local fiat**.
* Earn **reputation scores** stored on-chain to build credibility.

Smart contracts ensure transparent matching, secure escrow, and automated payments — creating a fair, community-first courier system.

#### **4. Technology Stack**

* **Blockchain:** Base (Ethereum L2) for scalability and low-cost transactions.
* **Wallet Integration:** Native Base wallet for seamless crypto payments.
* **App Framework:** React + Tailwind for front-end; Node.js backend with smart contract bridges.
* **Payments Layer:** Stablecoins (USDC, USDT) and fiat on/off-ramps.
* **Data Layer:** Decentralized ID and storage integration planned via idOS and Filecoin for future updates.

#### **5. Market Opportunity**

Africa’s last-mile delivery market is projected to exceed **$6.6B by 2028**.  
 Nigeria alone has over **20 million informal riders** and gig workers underserved by digital logistics systems.  
 Routa targets this gap by starting with **Ekiti State**, scaling regionally via partnerships with local courier companies and motorbike financing programs.

#### **6. Tokenless Start, On-Chain Future**

Routa begins **without a native token**, focusing first on real adoption and transaction volume.  
 As the ecosystem matures, a **governance and incentive token** can be introduced to reward active couriers, validators, and community contributors.

#### **7. Business & Revenue Model**

* **Commissions:** Small fixed royalty per transaction.
* **API Integrations:** Partner courier firms pay for premium logistics APIs.
* **Subscription Model:** Pro-tier for verified riders and high-volume users.
* **Advertising Layer (Later Phase):** Local businesses can promote in-app delivery routes.

#### **8. Distribution Strategy**

* **Community-driven launch:** Onboard early riders and users through Base communities and local influencer programs.
* **University & city activations:** Target campuses, SMEs, and vendors in Ekiti.
* **Referral incentives:** Reward user growth via crypto cashback and NFTs.

#### **9. Roadmap**

**Q4 2025:** MVP & Web app launch (courier sign-up + payments).  
 **Q1 2026:** Mobile app release, crypto/fiat hybrid payments, waitlist rollout.  
 **Q2 2026:** Expansion to 3+ states, partnerships with bike vendors, Base ecosystem integrations.  
 **Q3 2026:** DAO governance pilot, token introduction feasibility study.

#### **10. Team & Vision**

Founded by a team of builders passionate about **decentralization, fair work, and mobility**, Routa bridges the gap between blockchain and real-world impact.  
 Our vision is to become **Africa’s first decentralized logistics network**, empowering millions of riders and merchants to move freely and earn fully.

#### **11. Contact**

Website: [routa.io — coming soon]  
 Email: team@routa.io  
 Twitter (X): [@RoutaHQ]  
 BaseBuild ID: Routa