

Bounty description for ETH DAM'25

About Circles

Circles is a decentralised currency protocol designed to create a more equitable and accessible form of money. Unlike traditional fiat or even other cryptocurrencies, Circles distributes the ability to issue money equally across participants, ensuring that no single party, including early adopters, are at an undue advantage.

Circles achieves this by:

- Allowing every participant to create their own personal token (CRC) at a fixed rate of 1 CRC per hour
- Imposing a 7% demurrage rate to prevent wealth concentration and ensure that new participants can build up meaningful value
- Using trust connections within the network to enable peer-to-peer transactions without reliance on central banks or financial intermediaries
- Supporting the formation of **Groups** - collective networks that issue their own CRC, enabling localised economic coordination and shared-interest projects.

Circles creates a monetary ecosystem where value is determined by social trust rather than institutional control. Its decentralised design ensures that no single party benefits disproportionately from early adoption or control over supply.

About Circles SDK

Circles SDK is a **TypeScript** toolkit for building decentralized applications on the Circles protocol. It enables developers to seamlessly integrate Circles **user profiles**, as well as **personal and group currencies**, fostering new models of collaboration, connectivity, and decentralized value exchange.

The SDK simplifies the management of **ERC-1155**-based personal and group tokens, supporting **transitive transfers along trust networks**. Additionally, it provides functionality to wrap these tokens into ERC-20 tokens, making them compatible with broader **DeFi** ecosystems such as CowSwap.

The SDK supports creating and managing **trust connections**, setting up user profiles, and generating avatars, including personal, group, and organizational avatars. It also enables **on-chain data querying** and integrates with multiple wallet providers, such as browser wallets and Safe Wallet. Built on **Gnosis Chain**, Circles SDK ensures **low fees, fast transactions, and a secure, scalable infrastructure** for community-driven financial ecosystems.

Bounties Details - \$10K in total

Best innovative dApp using Circles SDK

🏆 Up to \$2000 (1 project will win)

*Build the most impactful dApp using **Circles SDK** and win **up to \$2,000!***

This **open track** rewards the best project that leverages the **Circles protocol** to solve real-world problems. The prize will be awarded based on the **strength of the problem statement** and the **effectiveness of the solution** built on Circles.

Community focused dApps using Groups

🏆 \$2000 split between 2 projects

Build governance tooling, DAOs, or innovative group-based dApps that empower communities through Circles Groups. Utilize base groups functionality to create custom conditions for group members.

Project example : <https://ethglobal.com/showcase/grassroot-datadaos-kw3xd>

Social platform (or social networking) dApps personal avatars(and more)

🏆 \$2000 split between 2 projects

Create mini dApps for Telegram, social networking, or identity-focused platforms using Circles SDK. Leverage personal avatars to build engaging, decentralized social experiences.

Project example : <https://dorahacks.io/buidl/23365>

AI Agents x Circles SDK

🏆 \$2000 split between 2 projects

Integrate AI agents, such as the Eliza framework on Gnosis Chain, to build smart, autonomous applications that interact with Circles SDK or Circles contracts.

Make marketplaces application to offer services against Circles and using CRC as payments token using Circles SDK

🏆 \$2000 split between 2 projects

Develop marketplace applications where people, groups, and organizations interact in new ways. Organizations accounts act like digital vending machines, able to receive CRC and execute custom logic—unlocking new commerce models. For instance, creating vouchers against fixed CRC tokens.