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**Executive Summary:** Economists and social scientists interested in cryptocurrencies are most fascinated by the ability to design an economic asset that restructures the material interests of groups engaged in political economic conflict. RootProject's cryptocurrency, ROOTS, has been constructed so that its value is expected to appreciate over time and the interests of investors are aligned with the very poor.

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**What:** Three innovations drive a currency-institutional system designed to generate explosive growth.

**1. Laborless Crowdfunding:** A new crowdfunding model creates supply and demand for community projects. Project initiators don't need to complete the project or know anything about cryptocurrencies. Donors get tax deductions. Socially visible projects enhance reputations.

**2. A Powerful New Cryptocurrency:** A portion of a project's crowdfunded proceeds go to token purchases, driving currency demand. The rest goes to material, a supervisor's wages, and wages for those stuck in poverty to complete the project. The currency's supply is hard capped, so each project reduces liquid token supply.

**3. 'Pension' Fund:** In addition to hourly wages, paid in USD, cryptocurrency worth half of the day's earnings is deposited into a medium-term pension fund-like entity - further reducing liquid token supply and aligning the interests of investors and society's most vulnerable.

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**Why:** Currency supply is strictly limited to a hard cap. The currency-institutional system is designed to generate rapid and long term growth in currency demand, as well as repetitive, permanent reductions in token supply. Individuals and institutions can create crowdfunded projects that burnish their reputation with minimal labor – and receive major tax deductions for doing so. Donations to projects directly increase token demand. In addition, a portion of wages is sent to a medium-term worker pension fund- like smart contract, which fuels long-term, systemic reduction in liquid token supply.

Sophisticated machine learning and real time data publication are used to endow the ROOTS token with expected price behavior desirable to large financial institutions with diversified portfolios.

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**Who:** The team is centered in New York and San Francisco.

**Chris Place:** A Y Combinator alum, Chris cofounded Prepd, which sold more than \$5 million in its first year.

**Dr. Nicholas Adams Judge:** A political economist who has also worked in big data, Nick's doctoral research focused on the most advanced models used in international currency markets.

**Dr. Ashley Hooper:** An economist, Ashley was formally the head of CRE research at Deutsche Bank.

**Anton Kraminkin:** A cryptocurrency enthusiast since 2012, Anton's MA studies are in Political Science.

**Zac Filan:** Zac has been an engineer or led large development teams for 20+ years. He holds an MA in CS.

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**Details:** The pre-ICO takes place on July 10, 2017. It is hard-capped at \$300,000 and features a 50% premium; i.e. the purchase of 100,000 ROOTS during the pre-ICO grants ownership of 150,000 ROOTS.

The ICO begins on August 7, 2017 with a hard cap of \$50 million. 2 billion, or 20%, of all ROOTS tokens will be offered at a cost of .0001 ether per ROOTS. 90% of remaining supply is released in years 3-5.

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