

WILLE

DAO Whitepaper

This whitepaper serves as a foundational document for the creation of a new DAO

It includes the organogram, by-laws, a roadmap and the basic smart contracts needed to operate

Our goal is to create an international treasury fund which will be managed by the community itself and to allocate these funds directly to projects, tasks and other interventions that will help society transition from a representative democracy to a more direct democracy, call it liquid or digital

We are organizing ourselves to launch the platform by mid 2022 and hope to achieve practical results beginning 2023. Our goal is to operate globally, but as with all situations where limited resources need to be managed we shall focus our attention to a particular country or a set of countries to begin with which will be decided by the DAO democratically

Welcome to WILLE!

<https://a16z.com/wp-content/uploads/2021/10/DAO-Legal-Framework-Jennings-Kerr10.19.21-Final.pdf>

"Arise, you have nothing to lose but your
barbed wire fences!"

Timothy C. May, The Crypto Anarchist Manifesto, 1988

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Mission

WILLE was thought of as a sister DAO to the mother project [NERV](#) – Network Emergency Response Volunteers. NERV's plan is to develop and implement digital tools in politics, in particular those related to on-line consensus which make use of [remote e-voting](#).

According to the Democracy Index published by The Economist, only 8.4% of the countries worldwide can be considered full democracies and around 35.6% of the world population lives in what can be considered to be authoritarian regimes!

Democracy Index 2020, by regime type

	No. of countries	% of countries	% of world population
Full democracies	23	13.8	8.4
Flawed democracies	52	31.1	41.0
Hybrid regimes	35	21.0	15.0
Authoritarian regimes	57	34.1	35.6

Note. "World" population refers to the total population of the 167 countries covered by the Index. Since this excludes only micro states, this is nearly equal to the entire estimated world population.

Source: The Economist Intelligence Unit.

This state of affairs is completely unnecessary if we consider that with the advent of the internet (up to certain cybersecurity assumptions) remote e-voting is without questioning possible to do. Cryptography, the science that studies the transmission of secrets is what makes this possible. It's all just mathematics.

WILLE's mission is thus not only to develop this area but whenever possible to generate dividends from this activity and its crossovers with the private sector. Democratization of a society needs to occur at all levels be them governmental or other smaller ventures. To put into perspective, the [University of Minho](#) alone holds more than 400 elections every year between choosing representatives and managers of the institution to student associations and others. Work unions such as [Ordem dos Advogados](#), again in Portugal, are another type of institutions which are willing to become digitized and are currently investing in remote e-voting solutions. Estimates of the market value for elections worldwide is certainly in the range of the billions of dollars. For example the federal elections of 2015 in Canada required 65 000 polling stations, forced the citizens to leave their jobs or to interrupt their time off from work, and cost \$443 million including costs of hiring election officers and poll officials, printing lists of electors, and renting offices for the returning officers and polling station, material, training for returning officers and other staff, update of the National Register of Electors, etc..

Many private companies operate in the space that claim to be able to offer a complete solution and having deployed pilot experiments already such as [Agora](#), [Extreme Solutions](#), amongst others.

The goal of WILLE is to capitalize on the same market (...)

Because we operate according to [DAO principles](#) and make use of blockchain in all of its full capacity, our institution is transparent and uncensorable. Governance is conducted by our members who invest in the treasure. As a benefit for investing, members are invited to publish and vote on proposals that they consider relevant to the organization and make use of the available resources whether they are capital or human.

There's no central authority deciding for YOU what actions WILLE should be taking.

Solutions

Remote e-voting has become a well understood practice. If it is true that on-line elections are an extremely sensitive topic, in the sense that it is expected that the outcomes are always valid and not corrupted, specially when the stakes are high, it is also true that it is one of the most basic building blocks without which anything else from corporate finance to cybersecurity in general would not be possible.

Solutions to promote the democratization of society do not end with software. Institutions or organizations that conduct open political debates as is the case with many universities, not for-profit associations that are focused in solving a particular problem in society, are examples of places where democratic practices are important. Software is certainly an important piece of the puzzle but other methodologies and experiences need to be addressed as well.

- Create software that facilitates on-line political debates and the generation of consensus.
- Develop solutions for electronic vote to be used even by the private sector.
- Create and contribute to spaces where political discussion happens such as with think-tanks, in universities and other governmental institutions. This is what we would usually call off-chain governance.
- Audit institutions in order to evaluate how democratic they really are.
- Publish a magazine where all these issues are investigated including reports on the state of the art of remote e-voting.

Roadmap

2022 – develop the basic tools for internal use/political discussion consensus generation

2022 end of – Initial DEX offering hopefully pooling at least 100 000 \$

2023 – E2E-VIV demonstration by WILLE at a conference ([E-Vote-ID](#), [Authenticate 2020](#), [\(..\)](#))

2024 -supporting the first political party or another relevant political platform to use remote e-voting in a “developing country”

Reaching 100 000 users membership

2025 – having representative ambassadors well established in at least 50% of the countries worldwide.

2026 – 2029 - continued work

Reaching 1 000 000 users membership

2030 – remote e-voting solutions fully available in all the countries in the worldwide

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