# **Decentralized Finance**

PwC Switzerland Smart Contract Assurance

Nov 2020





### Awesome Ideas - Recap

- 1. Stable Coins // Representing fiat currencies on-chain by MakerDAO
- 2. Lending platforms // Lending and borrowing on-chain by AAVE

#### Upcoming...

3. Exchanges // Exchanging coins and tokens in a decentralized network by 1inch

### Smart Contract Assurance

Our team helps to **secure** smart contracts and the networks/clients on which they run

We were an **ETH Zurich spin-off (ChainSecurity)** founded by researchers and **joined PwC Switzerland** in 2020.

We are **top contributors** to the **security** of the **Ethereum network** that runs most DeFi smart contracts.

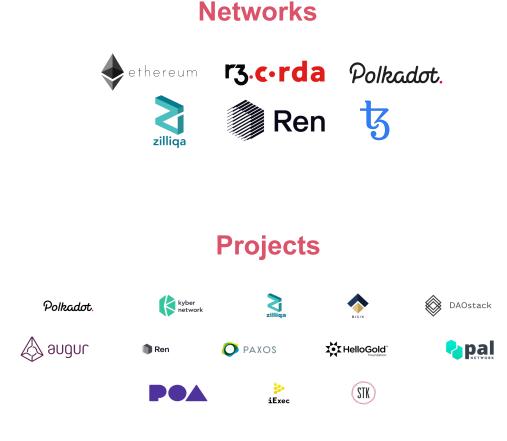
We have an **extensive** track record in **code assessments** and experience with various networks like: **Ethereum, Corda, Zilliqa, Ren, Polkadot.** 

We **developed** security tools **like**:

Secu	rify
VerX	

https://github.com/eth-sri/securify2 verx.ch

## **Enabling Trust**



#### Smart Contract Assurance Services

System architecture **DLT Code Reviews** pwc Spinoff ETHzürich **Architecture Reviews** Our core competency is: Research Our team started as Smart Contract Code ChainSecurity and Assurance joined **PwC** beginning of Key Storage Design 2020. We are also closely connected We also offer DLT code and to ETH Zurich architecture reviews, research, development and consultation. **Research & Development** r3.c.rda Consultation Ethereum Corda ethereum **Top Security** Certified Contributor Developers We are a top Our team has four Corda contributer to the certified developers, who security of the Ethereum helped to design the network: architecture of privacy https://bounty.ethereum.org focussed Corda projects.

**Code Reviews** 

Security

Efficiency

Correctness

Our code reviews cover:

#### experience developing security tools internally and for clients. Node software incl. VMs S PolPatrel VerX SECURIFY 2.0 Getting it right isn't easy but can make all the difference. We're here to help. We have seen first-hand how our clients struggle to get their projects off the ground. We want to help with our experience to support your project from as early as possible, to make it successful.

Tools

The team has extensive

Experience

Polkadot)

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Networks and Smart

Contracts (Ethereum,

consensus algorithms

Corda, Zilliga, Ren,

Contact

We are happy to assist vou. Please send an email to emilie.raffo@pwc.ch



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#### **Emilie Raffo**

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# Always happy to help!