

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:**

Securify
VerX

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

Enabling Trust

Networks



Projects



Smart Contract Assurance Services

DLT Code Reviews

Architecture Reviews

Key Storage Design

Research & Development

Consultation

Code Reviews

Our code reviews cover:

- **Security**
- **Correctness**
- **Efficiency**

Experience

- Networks and Smart Contracts (Ethereum, Corda, Zilliqa, Ren, Polkadot)
- Node software incl. VMs consensus algorithms
- System architecture

Tools

The team has extensive experience **developing** security **tools** internally and for clients.



Research

Our team started as **ChainSecurity** and joined **PwC** beginning of 2020. We are also closely connected to **ETH Zurich**



Our core competency is:

- **Smart Contract Code Assurance**

We also offer DLT code and architecture reviews, research, development and consultation.

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**.

Ethereum Top Security Contributor



We are a **top contributor** to the security of the Ethereum network:
<https://bounty.ethereum.org>

Corda Certified Developers



Our team has four Corda certified developers, who helped to design the architecture of privacy focussed Corda projects.

Contact



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



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In case of questions or feedback contact:

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Emilie Raffo

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Always happy to help!