



Decentralized Insurance *Using Blockchain Technology to cover Climate Risks*

Launch of CLI's Navigating Report 2021

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Agricultural Insurance Use Case



Received support from

- Chainlink
- MERCY CORPS VENTURES
- ethereum foundation
- Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Started Development of MVP

Roll out end to end solution for BIMA PIMA Product

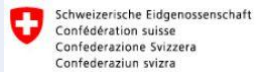


Wageningen University & Research introduced Acre and Etherisc

The Lab
Driving Sustainable Investment
Developed business plan with support Global Lab for Climate Finance

Conducted integration assessment

Beta version MVP ready and demo in Nairobi

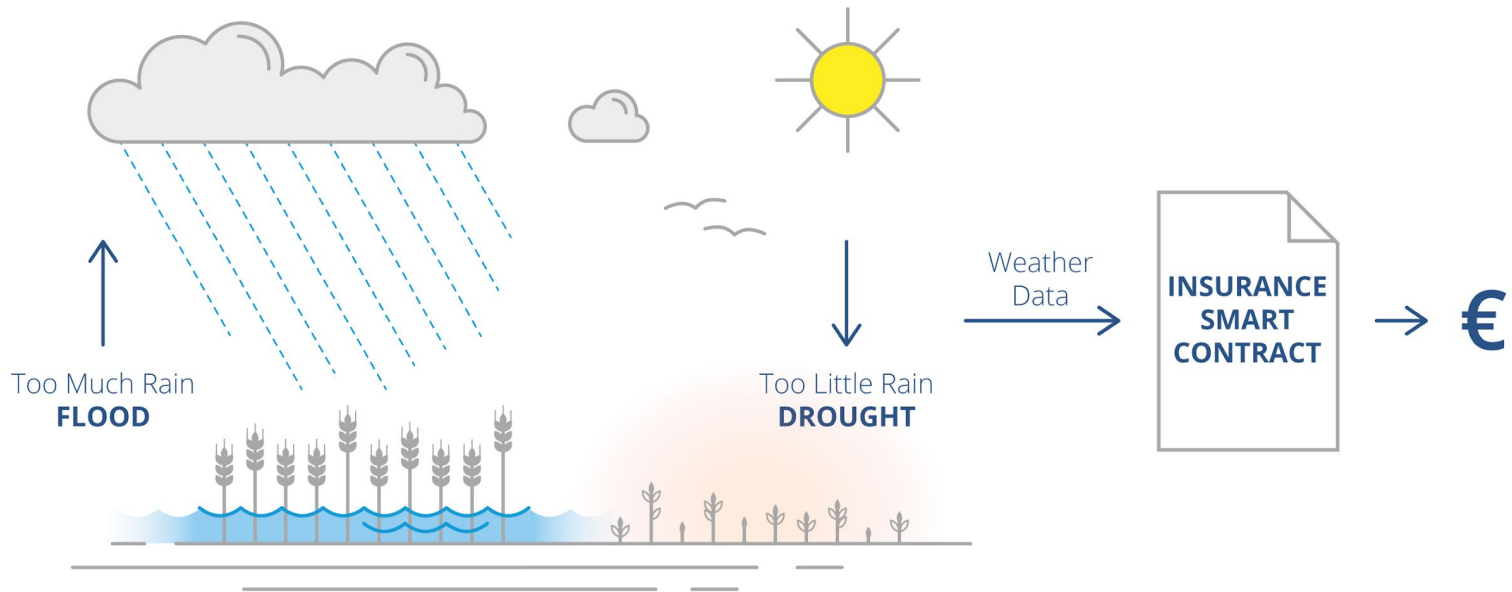


acre
AFRICA



Weather index insurance on the blockchain

Smart Contracts: Well suited to parametric insurance
Rainfall and drought
Disasters like, earthquakes, hurricanes and floods



Some results

Before Blockchain	With Blockchain
Days, weeks, months of idle time Human-to-human activity has to be coordinated	Immediate processing Decisions are made immediately after input data
All decisions made by humans	Decisions are an automated process
Many involved people, only human decision-makers, error-prone	Massive reduced number of people Reduction of interfaces and media disruption Increased process resilience and robustness
Difficult to audit, it's very costly to document each decision and the underlying data	Easy to audit, complete audit trail of every process
Farmer receives payment > 3 months after seasons end	Farmer receives mid-season pay-out

Next

No insight in decisions No clarity in weather data	Full transparency Farmer can always check state of a policy WITHOUT ASKING THE INSURANCE COMPANY
Insurance company can deviate pay-outs <i>Without making this transparent!!!</i>	Insurance can still deviate <i>Becomes immediately transparent!!!</i>



COINTELEGRAPH
The future of money

BTC	ETH	XRP	BCH	EOS
\$66,634	\$4,041	\$1.14	\$639	\$4.63
+6.28%	+6.15%	+5.37%	+5.51%	-4.35%

News Markets Magazine People Cryptopedia Industry Consult



TURNER WRIGHT

JUL 21, 2021

Etherisc onboards 17K Kenyan farmers covered by blockchain-based crop insurance

The project said it would be paying roughly 6,000 farmers for crops adversely affected by climate change before the end of the season.

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NEWS



Thank you!



Etherisc Impact B.V.



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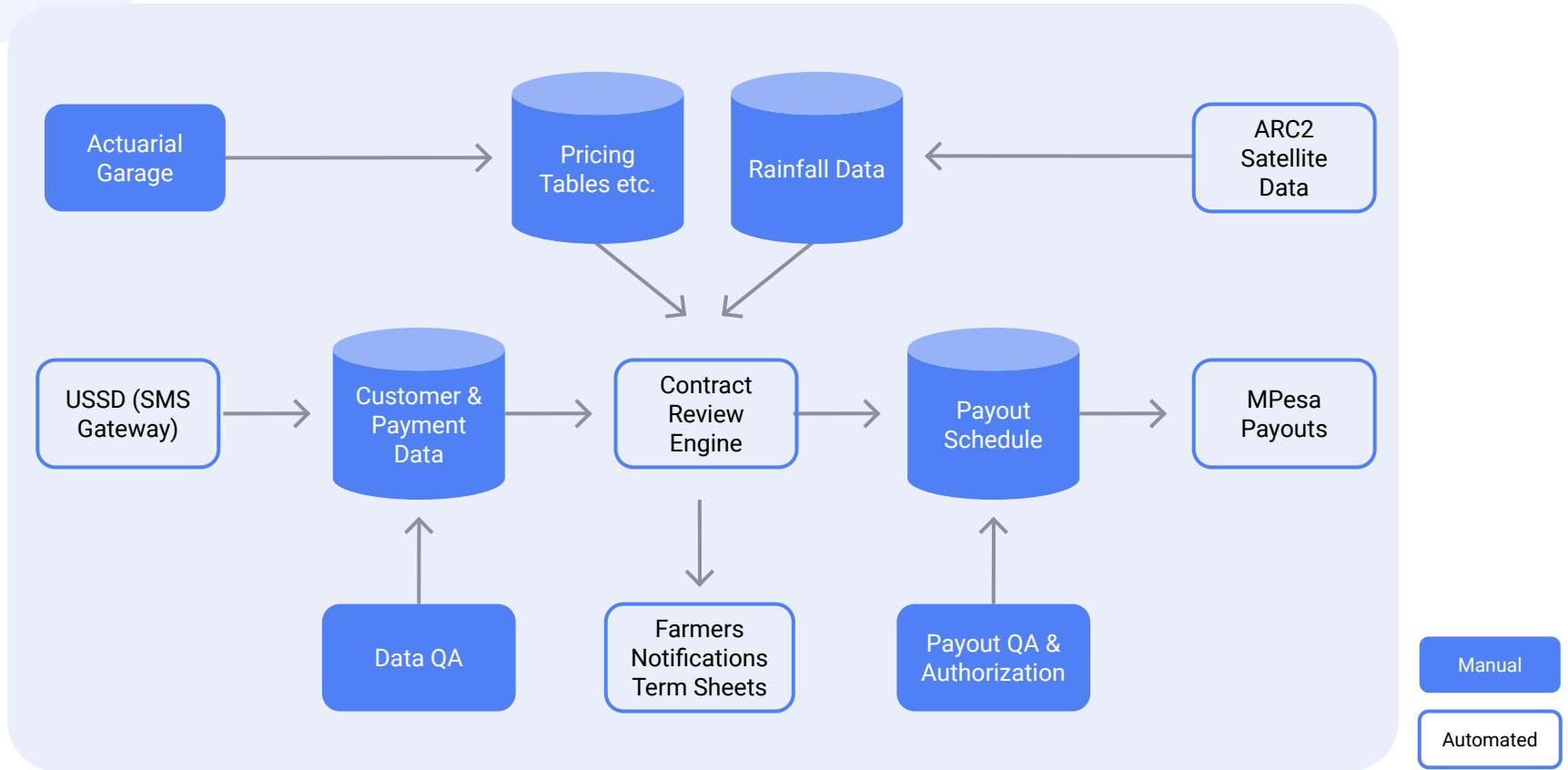
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BIMA PIMA - High Level Data Flow



Product



ACRE Africa is the lead partner to develop provide and distribute the index insurance product to farmers. Manages farmer engagement and communication through mobile and web interfaces.

Etherisc provides and maintains the backend of the blockchain platform (putting policies on blockchain-based smart contracts) and designs & manages the user interface.

