



Caption: “Boring is Brilliant”

Title: “Sharing Ledgers for Sharing Economies”

Voice 1 – Professor Michael Mainelli, Z/Yen: Ledgers, the thing about ledgers is that they’re boring. In the next couple of minutes we’re going to prove to you that boring is brilliant.

Voice 2: In an increasingly crowded and borderless world, we need to create new ways of organising our economies.

Accountants, bankers, insurers, traders and technologists are pioneering financial services for billions of people and trillions of devices buying and selling - from cryptocurrencies to smart contracts to asset registries and global identity systems.

We need to be able to depend on each other. The traditional approach has been to have centralised trusted third parties, in turn relying on ledgers.



1

The ledger is as old as civilisation. Six millennia ago Sumerians used clay cuneiform tablets for recording transactions.



2

Medieval folk split wooden sticks to keep records. 8



3

So much so in England that, when tally sticks were retired in 1834, the destruction of so many of them got out of control, and burned down the Houses of Parliament. So far so boring.

Today trusted third parties use computer ledgers to prevent false transactions and preserve records.

¹ Image of clay cuneiform tablets:

https://upload.wikimedia.org/wikipedia/commons/9/94/Balance_sheet_Mesopotamia_Louvre_AO6036.jpg

² Image of tally sticks: <http://www.neuesgeld.com/getfile.php?id=100>

³ Image of Houses of parliament burning down:

https://upload.wikimedia.org/wikipedia/commons/c/c3/Joseph_Mallord_William_Turner,_English_-_The_Burning_of_the_Houses_of_Lords_and_Commons,_October_16,_1834_-_Google_Art_Project.jpg



Damian Kimmelman, DueDil: From research to marketing to risk and compliance, we need robust systems for managing the inter-complexities of more and more data. DueDil aggregates and interprets data for our customers. Distributed Ledgers are not only the future source for much of that data but also the future distribution channel to our customers. 51



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Briana Van Stijp, Suncorp: Unlike computer ledgers of yesteryear, tomorrow's ledgers are portable, mutual and distributed, mutual distributed ledgers bring peace of mind. Indestructible and uneditable, they are pervasive, persistent and permanent. 28

Vinay Gupta, Ethereum: As more and more blockchains are being established, and the earlier concerns people had about security and complexity are fading, you see big projects like Bitcoin and Ethereum running, and you see all the kind of private, permissioned ledgers that people are building, and what you see is that we have got a functional explosion of trust architectures. 56

Professor Mike Smith, Z/Yen: Here in London we're building mutual distributed ledgers for insurance, credit control, anti-money laundering and know your customer applications. We've created interlinked ledgers, working together, consisting of identity, transaction and content ledgers.

Kamala Buchholz, PwC: The views on the actual mass scale adoption of distrusted ledgers vary, but one things for sure, is that they have numerous use cases which are bound only by our imagination. As a firm we are committed to exploring where the most practical applications lie. Personally I think the main applications in the short run, will be in the areas where there are lower transaction volumes, and perhaps for asset and data storage solutions, many of which we are actively developing right now.

Voice 2: We have come a long way, very quickly. Now we know that distributed ledgers can work for many business situations that's real business and real people. Now it's time to seize the opportunity for genuine products used in the market.

Voice 1: "See I told you ledgers were boring."

⁴ Image of the internet of things: <http://awdnews.com/images/14373227851.jpg>

⁵ Image of room of ledgers: http://plyojump.com/classes/images/computer_history/ibm_360_color.jpg