

DREAM INSPIRED.
CLIENT DRIVEN.



Innovation Pioneers – Webex CGI

“Solves the problem of centralized trust and control, fosters transparency”

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Agenda

- Reflect on Tank Meeting
- Blockchain right now
- Why and how to Blockchain
- Questions and discussion



Reflect on Tank Meeting

Blockchain is moving fast forward

The recent Greenwich Associates study included survey responses from 134 global market participants working on blockchain technology in a range of industries.

- Based on the data, the estimated annual budget for blockchain initiatives in 2016 is \$1 billion.

<http://www.businessinsider.com/blockchain-technology-is-already-a-1-billion-dollar-industry-and-its-just-the-beginning-2016-6>

Banks adopting blockchain 'dramatically faster' than expected: IBM

- 15% of top global banks intending to roll out full-scale, commercial blockchain products in 2017
- 65% of banks expected to have blockchain projects in production in three years' time, with larger banks - those with more than 100,000 employees - leading the charge.
- "The industry is hurtling toward blockchain adoption far faster than many expected," IBM said in its report. "2017 looks to be the year banking on blockchains shifts from zero to sixty."
- The company also conducted a separate survey of 200 other global financial markets institutions, 14% of which intended to implement commercial blockchain products in 2017.

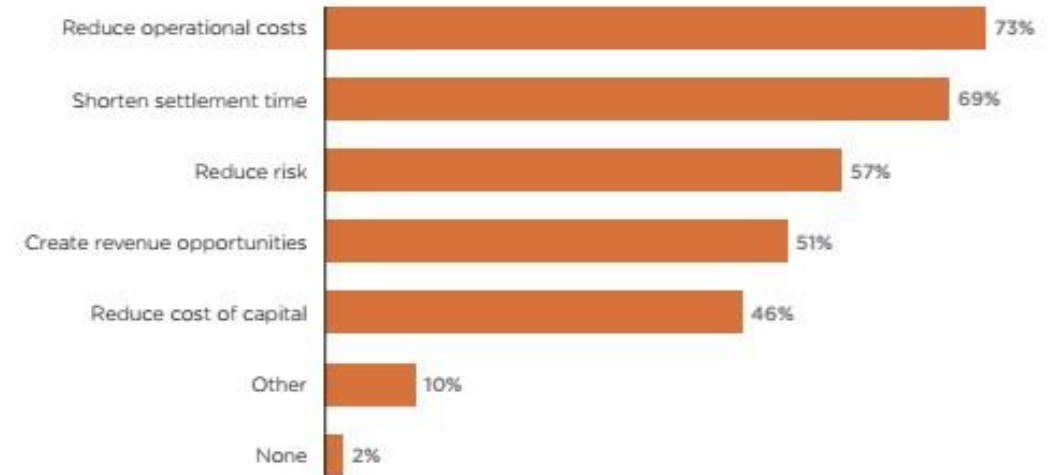
Why to Blockchain

Two main reasons for starting activities around the Blockchain area would be:

- How could my organization benefit from this type of technology?
 - Internal efficiencies
 - Better customer experience/offering
 - Ecosystem efficiencies
- How could my organization be disrupted by this type of technology?

Both of these questions should be explored and every organization should take an active decision based on knowledge gained from both business exploration activities as well as hands on technical explorations.

MAIN BENEFITS OF BLOCKCHAIN TECHNOLOGY



Note: Based on 134 responses.

Source: Greenwich Associates 2016 Blockchain Adoption Study

Where to Blockchain

All over the place, so be sure to prioritize. Start with something small to learn

But, keep in mind the different properties of different Blockchain technologies and explore them to see which technology fits best for your specific idea/need.

Public/Private, Speed, Volume, Ecosystem/Community, Visibility,...

Competence Building

Books (mostly business oriented)

- The Business Blockchain, by William Mougayar
- The Blockchain Revolution, by Don Tapscott

Web & video (deep dive)

- Princeton University: Intro to crypto and cryptocurrencies
 - <https://piazza.com/princeton/spring2015/btctech/home>
- Introduction to Ethereum
 - <https://youtu.be/-SMliFtoPn8> (Highlevel, hashing and Merkle trees)
 - <https://youtu.be/66SaEDzImP4> (By Vitalik Buterin, basic technical concepts)

Podcast

- The Ether review (more technical)
- Unchained (more business oriented)

Expertise

- Consultants
- Learning by doing

Awareness

Action

Identify and prioritize needs

Blockchain Impact Assessment study

- Prioritize functions or processes
- Matching with Blockchain technology

POC setup

- Overall target (from priorities)
 - Resources
 - Develop and learn
 - Deliver
-
- Most early POCs focuses on learning and knowledge building by using some Blockchain technology applied on some “safe” area of the business
 - Some CGI examples

Experiment with Blockchain

- **Ethereum**
 - Ethereum Foundation - <https://www.ethereum.org/>
- **Multichain**
 - Coin Sciences Ltd, Private blockchain - <http://www.multichain.com/>
- **Hyperledger Fabric**
 - Linux Foundation - <https://www.hyperledger.org>
- For more starting points
 - <https://www.quora.com/What-are-the-best-open-source-projects-to-study-blockchain-technology-in-terms-of-simplicity>

Questions



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