Welcome to the Emerging Decentralized Economy.

Peers-to-Peers Economy
P2P Econonmy

We help progressive AI-free C-level executive to Unlock, Anticipate, Design and Shape the future. We believe in AfterNow, Creativity, Simplicity, Common Sense, Collective Intelligence, Singularity & Fairness.
At the crossroads of #Singularity #ChIndiAfrica #Blockchain #LifeLongLearning #TransFormation #Cybersecurity & #GlobalAffairs.

Christopher Cordey
CEO Futuratinow
Founder of Yonders
What if we could …

- Catch A Ride Without Uber?
- Book A Room Without Airbnb?
- Remit cheaply money without Western Union?
- Pay goods and services Without Paypal?
- Store our data securely Without Dropbox?
- Enjoy privately our social life Without Facebook?
- Trade physical assets Without e-bay?
- Bypass traditional retail banks?
- Etc

- Brief introduction to Blockchain technology
- Blockchain’s current complex ecosystem
- Existing emerging applications
- Implications
Au-delà de Bitcoin ...

Bitcoin (BTC) est une monnaie virtuelle (cryptocurrency), un système de paiement sécurisé et anonyme entre particuliers. Invention de Satoshi Nakamoto en 2009, cette monnaie peut être considérée comme la première devise complémentaire universelle (non-étatique) disponible sur internet.

Peer-to-Peer money
What is the Blockchain?

The blockchain is a public ledger built in a decentralized network structure based on cryptographic principles so that any kind of trading, buying and selling of assets does not need to go through a centralized intermediary.

HARD ASSETS
Physical property

INTANGIBLE ASSETS
Votes, ideas, reputation
Intention, health or civil data
Information, etc

SOFTWARE PROTOCOL

Source: On Distributed Communications Networks, Paul Baran, 1962

Chaînes des blocs Grand-livre
Blockchain: in other words

“Giant interactive Google doc spreadsheet’ that anyone can view (encrypted transaction) and administrators (miners) continually verify and update to confirm that each transaction is valid.

- public visibility of encrypted transaction
- private inspection via personal code
How a blockchain works

1. A wants to send money to B
2. The transaction is represented online as a 'block'
3. The block is broadcast to every party in the network
4. Those in the network approve the transaction is valid
5. The block then can be added to the chain, which provides an indelible and transparent record of transactions
6. The money moves from A to B
Balancing the Benefits

Blockchain Benefits
- Ecosystem simplification
- Faster interbank clearing & settlement
- Lower transaction costs
- Reduced counterparty risk
- Transparency & auditability
- Ease of software development/integration

Vs.

Risks
- Unproven technology
- Untested capacity/scalability
- Low transaction speed
- Possible consensus protocol flaws
- Cryptocurrency price volatility
- Uncertain regulatory status

① Empowered users
② High quality data
③ Process integrity
④ Transparency and immutability
⑤ Ecosystem simplification
⑥ Faster transactions

① Large energy consumption
② Control, security, and privacy
③ Integration concerns
④ Cultural adoption
⑤ Cost

Numerous areas of potential uses

- **Insurtech**: Settlement between insurance companies, IoT and Digital Identity to reduce insurance costs, Smart Contracts applied to this field.
- **Smart Contracts**: A smart contract is a protocol specially created to program agreements between two or more parties without relaying on intermediaries but granting its correct execution.
- **Healthcare**: Sharing of patients’ encrypted information through blockchain complying Data Privacy regulation.
- **Digital Identity**: ID could be used for compliance matters, Digital Identity as the key of Internet of things, Blockchain enables secure voting systems.
- **Registry**: Blockchain enables timestamp and proof-of-existence and notarization of every transaction.
- **Internet of Things**: Fractional Ownership, Property Registration, Inclusion of objects into the payment channels, Blockchain enables contracts peer-to-object.
- **Compliance**: Blockchain could save billions improving compliance procedures, and removing duplicities between entities, Digital Identity could be linked to AML/KYC, Data Privacy or FATCA policies.
- **Financial Services**: Securitization, Tokenization of assets, Cheaper settlements, Traceability of transactions, Transparency.

*At Grant Thornton's Blockchain Lab*
Blockchain Startups

Top Blockchain startups disrupting non-financial markets

More: https://www.ventureradar.com/
Encrypted Cloud Storage

Blockchain-based, end-to-end encrypted, distributed object storage, where only you have access to your data.

Sign Up for Free

Storj is free during the beta testing.
A Free Market for all.
No Fees. No Restrictions.

The New e-bay?
La`Zooz
A Decentralized Transportation Platform owned by the community and utilising vehicles’ unused space to create a variety of smart transportation solutions. By using cryptocurrency technology La`Zooz works with a “Fair Share” rewarding mechanism for developers, users and backers.

RideSharing vision
La`Zooz platform will synchronize empty seats with transportation needs in real-time, matching like-minded people to create a great ride-sharing experience for a “Fair fare”.

The Road
is being paved by people like you and me.
Taking part makes La`Zooz come alive.
Synereo is a fully decentralized and distributed social platform Owned by the people who use it.

**Next-gen social platform**
Your attention is scarce, precious and powerful. It's time for it to work for you.

**Be who you want**
Your self-expression varies across networks. Construct and present your identity as you see fit.

**Fully decentralized**
There's no single point of failure. The network cannot be taken down or hijacked.

**Your data is yours**
Completely spy-proof. Only you decide who can view your profile and content.

The New Facebook?
Migrants paid an average of 5.9% in fees on money transfers in 2014. Blockchain technology could streamline the process and reduce infrastructure cost for remittance companies, which could mean lower transfer rates for consumers.
Education

- Education
- Knowledge works
REGISTER

Own your permanent record on the world’s most trusted decentralized ledger.
Welcome to the future of forecasting

Augur combines the magic of prediction markets with the power of a decentralized network to create a stunningly accurate forecasting tool - and the chance for real money trading profits
Governments’ interests
Public Records Applications

- Public Records
  1. Land titles
  2. Vehicle registries
  3. Business incorporations
  4. Criminal records
  5. Passports
  6. Birth certificates
  7. Death certificates
  8. Voter Registration
  9. Voting Records
  10. Health/safety inspections
  11. Building permits
  12. Court records

Bitland is currently (also) developing a Global Blockchain Cadastral System so the Bitcoin-Blockchain Technology can be offered on a large scale.. for example all African nations. Bitland's efforts will likely (also) uncover vast amounts of money in unknown real estate rights.

MILLIONS OF GHANIANS CAN NOT RELY ON CADAstral LAND COMMISSION CERTIFICATES => @realestateghana #BLOCKCHAIN !!!

GHANIANS CAN NOW RELY ALTERNATIVE CADAstral LAND CERTIFICATES WITH #BLOCKCHAIN !!! @realestateghana
1:03 AM - 28 Mar 2016
NGO collective Start Network testing rapid response humanitarian crisis funding using blockchain

By Ian Allison
April 21, 2016 19:42 BST

Non-governmental organisation collective Start Network and ConsenSys have launched a pilot project to test blockchain technology to enable member NGOs make more efficient and transparent decisions about funding for crisis responses.
In conclusion

1. Blockchain is an emerging, disruptive and transformative technology; a **true game-changer** with major future global implications.

2. Blockchain is an **equality technology** that allow more possibility for individual liberties, freedoms, rights, actualization, expression, and self-determination than has been possible in hierarchical models.

3. A nascent technology that might **re-architect the deep structure of companies** for innovation, shared-value creation and even prosperity for many rather than just wealth for the happy few.

4. The most contentious conflicts (and partnerships) will be between **startups** that are completely reengineering decades-old practices, and **traditional power** players from the private and public sectors.

5. **No firms or States are immune** from the coming disruption and should have a strategy to harness the powerful advantages of the blockchain revolution.
What if …

We were moving from an internet driven primarily by the falling costs of search, coordination, data collection and decision making – where the name of the game is monitoring, mediating and monetizing information and transactions on the web to…

… one driven by the falling costs of bargaining, policing and enforcing social and commercial agreements, where the name of the game will be integrity, security, collaboration, the privacy of all transactions, and the creation and distribution of value