

Cryptocurrencies and Blockchain Tech: *Strengths, Weaknesses, Opportunities, Threats*

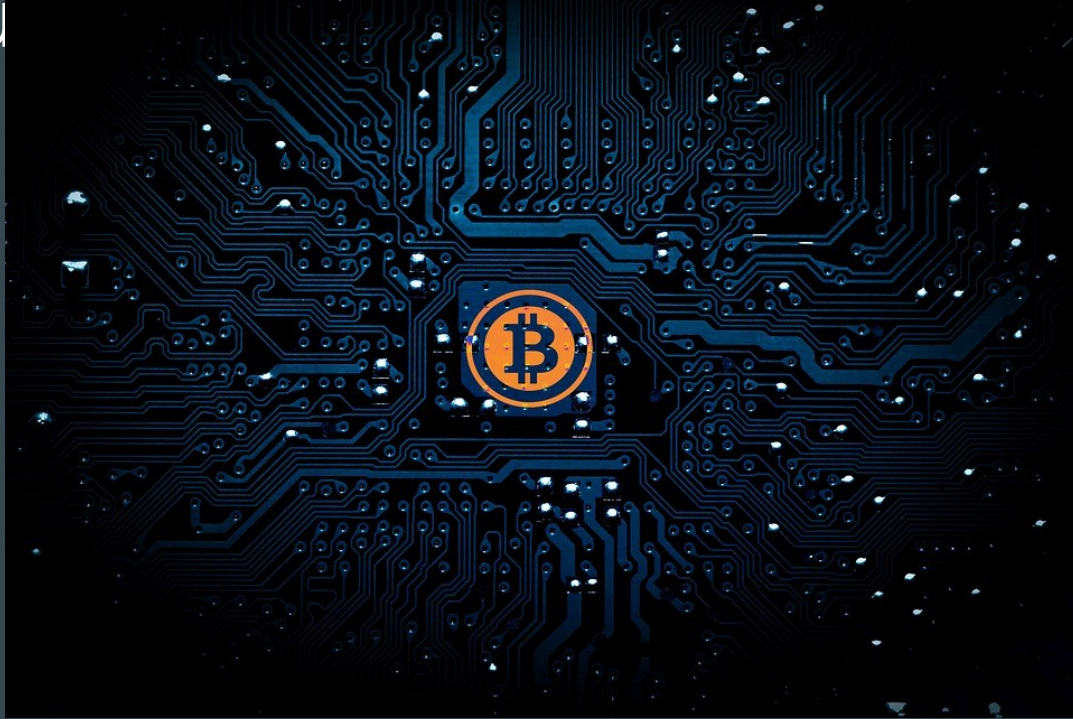


Yaya J. Fanusie
U.S. State Department Speakers Program, Slovenia
November 2018

Cryptocurrency Technology Should be Assessed as an Opportunity and a Risk

- Strengths
- Weaknesses
- Opportunities
- Threats
- Short term vs. long term

Bitcoin = purely digital asset derived from
computing



Have you ever...

- Sent a cross-border email before?
- Sent a cross-border payment?



What is the big deal about blockchain?




The Internet of Things



STRENGTHS

- Solving the double spending problem
- Possible to digitize assets
- Digital scarcity can be created
- Peer-to-peer tokenization enables new marketplaces



And what
would you say
is your greatest
weakness?

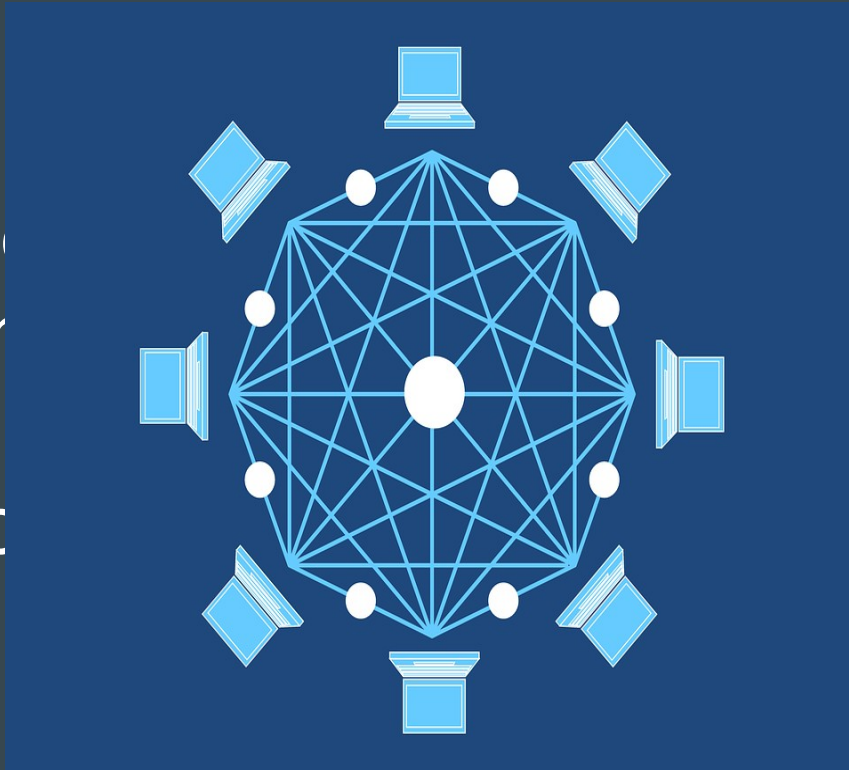
Blockchain:
where

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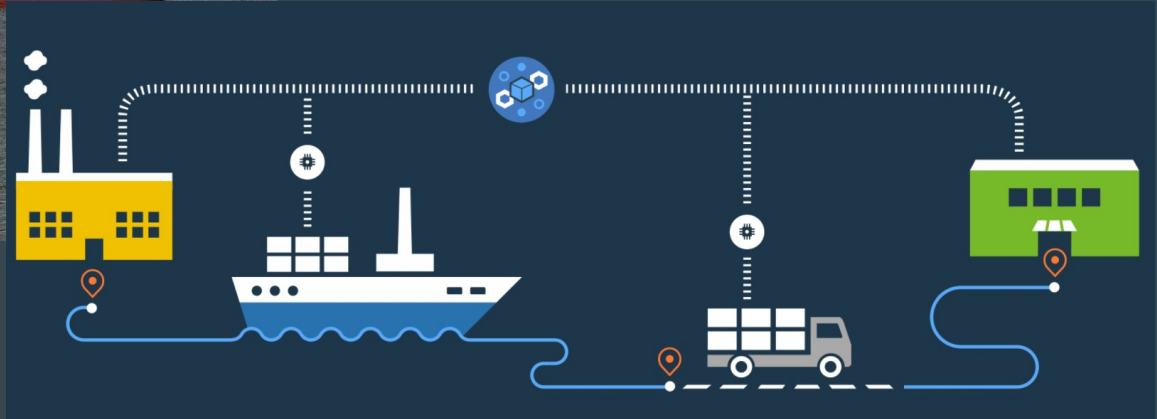
WEAKNESSES

- Scalability
- Governance
- Still experimental
- Vague terminology, no clear standards
- Regulatory uncertainty

OPPORTUNITIES

- Address inefficiencies in banking and payments
- Make government budgets and fiscal policy more transparent
- New marketplaces, more financial activity
- Might this technology be like the steam

Potential for Non-Financial Uses of



THREATS

- Short term - Illicit actors using cryptocurrencies
- Long term - Geopolitical repositioning. Who will drive a potentially alternative financial system if your nation is behind?

Jahezona "Equip Us" Campaign...

حملة جهزونا
لإخوانكم المحابهة علىه ثوبه بنه المقدسه
لحمه التبرعات

منكم المال ... ومنا دمنا

يقول رسول الله صلى الله عليه وسلم:
« مَنْ جَهَّزَ غَايِبًا فِي سَبِيلِ اللَّهِ فَقَدْ غَرَّاهُ »

تكلفة
\$2500
تجهيز
المجاهد

تكلفة
\$3000
قاذف
RPJ

تكلفة
\$5000
بندقية
قنص

تكلفة
\$5000
رشاش
متوسط

وكذلك الباب مفتوح للتبرع من اجل تجهيز كافة انواع الصواريخ والصواريخ، فتبرع ولو بـ \$10

حملة جهزونا
jahezona@tutanota.com | ايميل: @jahezona1 | تويتر: #حملة جهزونا | تليغرام: @jahezona1 | للتواصل معنا: @jahezona1

@6hhe2 · أبو مسلم الغزي · 6h
للتواصل معنا #حملة_جهزونا منكم المال ومنا دمنا الخاص مناح للجميع تليغرام @jahezona1 ايميل jahezona@tuta

...Seeking Bitcoin in 2016

في صحيح مسلم عن عقبة بن عامر أن رسول الله ﷺ قال: (واعدوا لعم ما استطعتم من قوة؛ إلا أن القوة الرمي، إلا أن القوة الرمي، إلا أن القوة الرمي)

حملة جهزونا

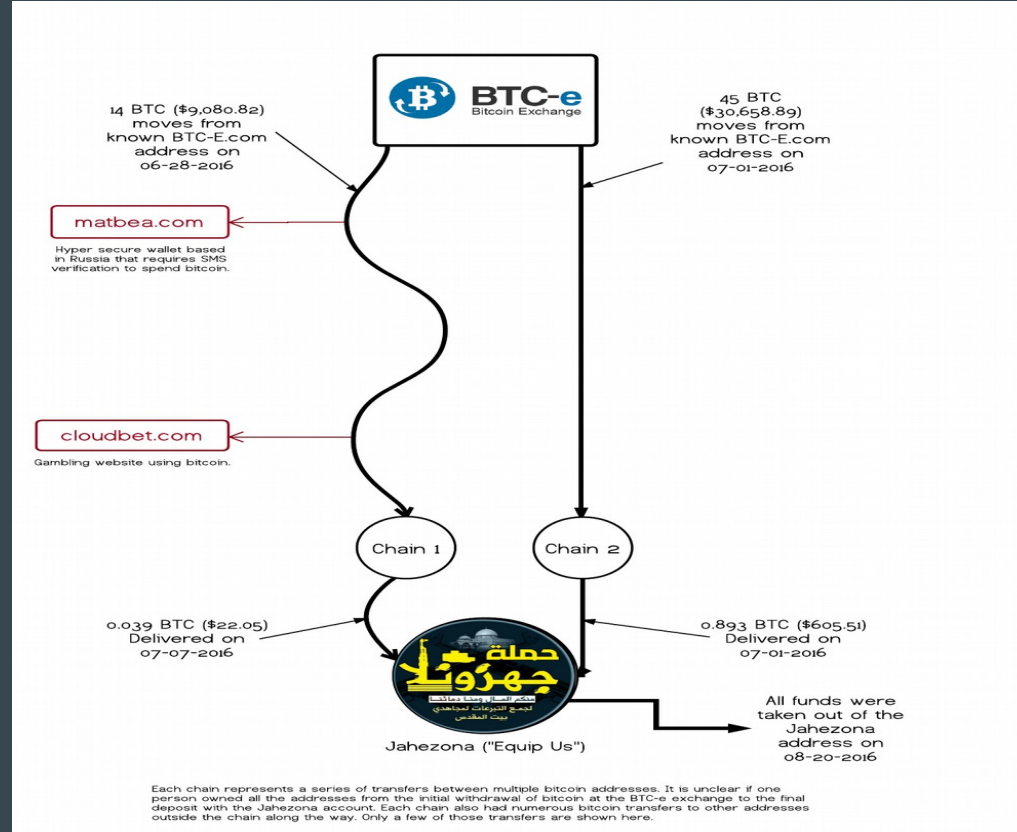
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20+	20+	21	15	عدد المدن الكبرى
7	3	1	0	القوة التحضيرية
كبيرة	كبيرة	متوسطة	متوسطة	دقة الاصابة
85%	90%	95%	75%	
الثمن = 5000 دولار	الثمن = 2700 دولار	الثمن = 950 دولار	التكلفة = 200 دولار	

للتواصل معنا: [تليغرام: @jahezona1](#) [تويتر: #حملة_جهزونا](#) [إيميل: jahezona@tutanota.com](#)

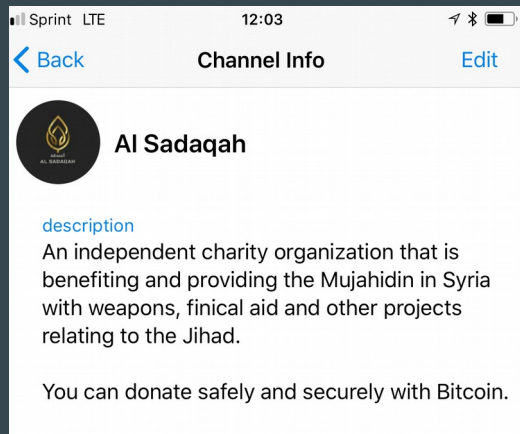
حملة جهزونا | @jahezonna103 | 2h

تفصيل بما يحتاجه إخوانكم المجاهدين #حملة_جهزونا
ليقتضوا مضاجع يهود بالصواريخ
فهلّموا إلى جنة عرضها السموات والأرض
#بشتر

Flow of Transactions Originating from BTC-e




In 2018, “al-Sadaqah” soliciting cryptocurrencies



The photograph shows soldiers in a trench during a battle. One soldier in the foreground is wearing a camouflage uniform and a helmet, with an assault rifle slung over his shoulder. In the background, another soldier is visible, and the trench is filled with debris and sandbags. The scene is set in a desolate, war-torn landscape with sparse trees and a cloudy sky. In the top right corner of the image, there is a logo for 'AL SADAQAH' featuring a gold flame-like symbol and the text 'الصدقة AL SADAQAH'.

“O you who believe! When you meet those who disbelieve, in a battlefield, never turn your backs to them.”
[al-Anfaal 8:16]

DONATE HERE 

Have any questions or need more information on other payment options? Contact:



PROJECT RE-ENFORCE

Whoever is **unable** to take part in jihad **physically** but is able to take part in jihad by means of his **wealth**, it is **obliged** to take part in jihad by means of his wealth

SHAYKH AL-ISLAM IBN TAYMIYAH

Winter is fast approaching and the mujahideen in Syria are holding on, steadfast with only one goal in their sights, eternal paradise. Along with the military might the kuffar pose against them, the brothers are now facing a more difficult challenge, the harsh conditions of winter. Urgent re-enforcement of the Ummah's guarding posts are needed, who will respond?

Re-enforce defensive position with new trenches	Re-enforce storage facilities and kitchen facilities
Re-enforce guard posts with new tunnel system	Re-enforce 3 vital resting areas, accommodates 7 brothers each
Re-enforce trench flooring to concrete	Re-enforce Toilet and bathroom facilities

FOR ENQUIRIES:
ON TELEGRAM:

ONLY **\$750** BITCOIN ADDRESS: **1** STAGE
NEEDED

Sprint 06:42 AI Sadaqah 120 subscribers

Chats

- Upgrading kitchen and storage room

Upgrading of each sleeping area will allow the brothers to avoid sleeping in the dirt while they are resting on their guard rotation. This upgrade is vital because during the rain brothers end up sleeping in mud and don't get the most adequate sleep.

The new trench and tunnel system will allow the brothers to advance on their position to get a better look out on the enemy and prepare for attacks.

Two brand new toilet facilities will prevent brothers from having to leave the guard point and travel into the bushes to relieve themselves which can be very difficult sometimes especially during the winter season.

Shaykh al-Islam Ibn Taymiyah said Whoever is unable to take part in jihad physically but is able to take part in jihad by means of his wealth, is obliged to take part in jihad by means of his wealth. So those who are well off must spend for the sake of Allah.

Mute

Mail 12:26 AI Sadaqah 116 subscribers

Chats

Two brand new toilet facilities will prevent brothers from having to leave the guard point and travel into the bushes to relieve themselves which can be very difficult sometimes especially during the winter season.

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Total cost for the first stage of the project is only \$750.

Donate now anonymous with Bitcoin

Bitcoin wallet address:
15K9Zj1AU2hjT3ebZMtWqDsMv3fFXTNwpf

Need more information or have questions? Contact: @alsadaqah_1
616 edited 13:39

November 11

+ Join



SUPPORTING THE MUJAHIDIN IN SYRIA WITH WEAPONS, FINANCIAL AID AND OTHER PROJECTS ASSISTING THE JIHAD.

دعم المجاهدين في سوريا بالأسلحة والمساعدات المالية وغيرها من المشاريع التي تدعم الجهاد

Donate safely and securely with Bitcoin
تبرع بأمان وبشكل آمن مع بيتكوين



DONATE HERE



Contact us on Telegram: @



5 /

44 WAYS TO SUPPORT JIHAD

Sheikh Anwar Al-Awlaki (رحمه الله)



FINANCING A MUJAHID

Rasulullah (saaws) says: "Whoever sponsors a fighter in the cause of Allah has fought." (Majma' al Zawa'id)

This includes all the expenses of the Mujahid including his travel expenses.

This gives a chance for the rich and the poor to receive the rewards of Jihad, the poor by fighting and the rich by sponsoring them.



Search



Terrorist Networks Eye Bitcoin as Cryptocurrency's Price Rises

DECEMBER 21, 2017 | YAYA FANUSIE



PHOTO: DAN KITWOOD/GETTY

THE CIPHER

THREAT CONFERENCE

*"It's not just about who's
it's about who's in the*

no politi
ONLY SOLUTI

connect
WITH LEADE

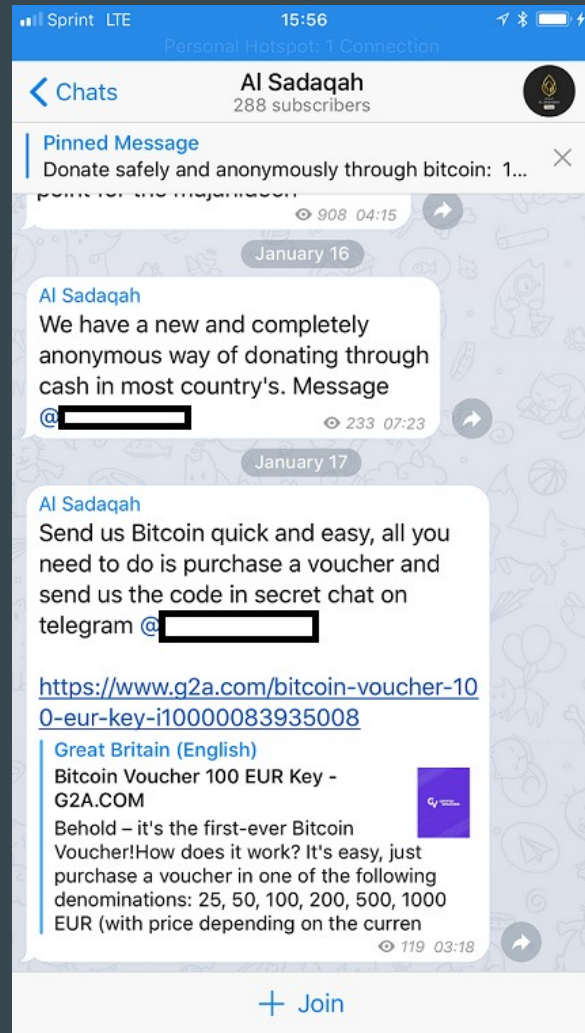
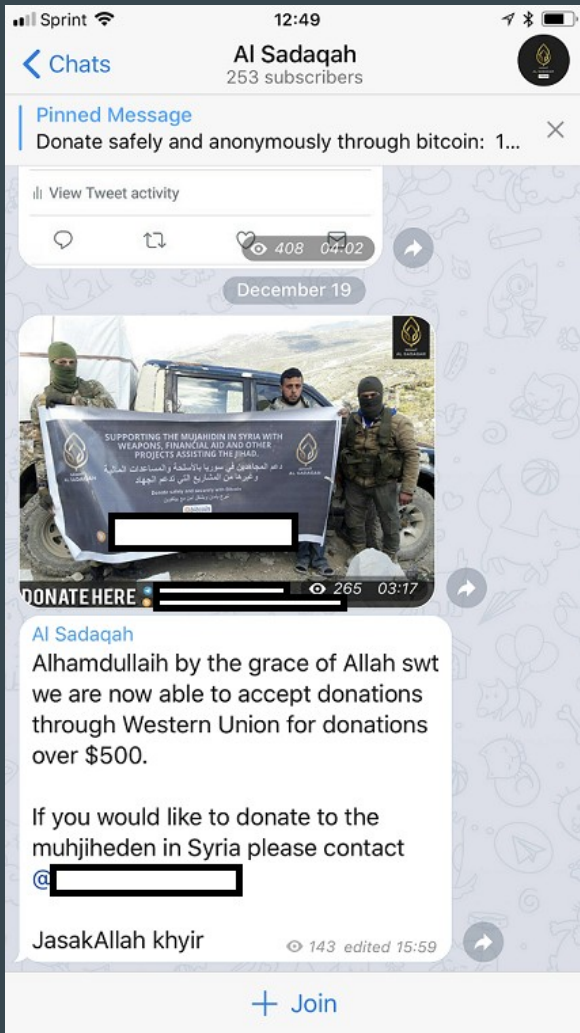
understa
THREATS

APRIL 8-10, 2018 | SEA ISL

For more information about
attend the conference, please

RECENT BRIE

Diminished at Ho



Multiple Ways to Send BT

Friday, January 19, 2018



Al Sadaqah

153 edited 4:56:14 AM

If anyone has a Bitcoin ATM in your area or country, then you can send money to the mujhideen 100% anonymously with cash. It is really that simple. Look at <https://coinatmradar.com> for your nearest Bitcoin ATM. Inbox @ [redacted] on telegram for more help.

Coinatmradar

Bitcoin ATM Map – Find Bitcoin ATM, Online Rates



Find Bitcoin ATM locations easily with our Bitcoin ATM Map. For many Bitcoin machines online rates are available.

+ JOIN



Others Following Su



Abu Salman Belarus

@SalmanBelarus

Follow



Dear brothers, our project needs help and support, you can donate for our team by Bitcoin wallet anonymously and safely, text me DM. Please retweet and share.

Malhama Tactical.



7:15 AM - 4 Aug 2018

7 Retweets 22 Likes



Tools of the Trade



Enter a Newer Digital Currency: Monero

[Forum](#)[Blog](#)[Getting Started](#)[Knowledge Base](#)[Community](#)

WHAT IS MONERO ?

Monero is a secure, private, untraceable currency. It is open-source and freely available to all.

With Monero, you are your own bank. Only you control and are responsible for your funds, and your accounts and transactions are kept private from prying eyes.

Want to find out more? An overview of Monero's main features are below. If you'd like to try Monero for yourself the [Getting Started](#) section is an excellent launching point.



THE LATEST NEWS

- **[September 21 - A Statement on the MWR Labs Disclosure]**
Clarifying some misconceptions and statements
- **[September 19 - Monero 0.10.0 "Wolfram Warptangent" Released]**
A major release of Monero, Wolfram Warptangent, with RingCT, major performance fixes, and more
- **[September 11 - Overview and Logs for the Dev Meeting Held on 2016-09-11]**
brief update on OMQ, RingCT, the hardfork schedule, and a new contributor, pigeons (sysops/devops)



SECURE

Using the power of a distributed peer-to-peer consensus network, every transaction is cryptographically secured. Individual accounts have a 25 word mnemonic seed displayed when created, which can be written down to back up the account. Account files are encrypted with a passphrase to ensure they are worthless if stolen.



PRIVATE

Monero uses a cryptographically sound system that allows you to send and receive funds without your transactions being publicly visible on the blockchain (the distributed ledger of transactions). This ensures that your purchases, receipts, and other transfers remain private by default.



UNTRACEABLE

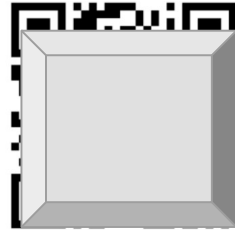
By taking advantage of ring signatures, a special property of certain types of cryptography, Monero enables untraceable transactions. This means it's ambiguous which funds have been spent, and thus extremely unlikely that a transaction could be linked to particular user.

Jahezona Address Still Active Almost 2

Bitcoin Address Addresses are identifiers which you use to send bitcoins to another person.

Summary	
Address	[REDACTED]
Hash 160	df46c58e7bfac3fd1cdf60c0e7fe783d33747295
Tools	Related Tags - Unspent Outputs

Transactions		
No. Transactions	15	
Total Received	\$ 15,698.50	
Final Balance	\$ 1,737.53	



[Request Payment](#) [Donation Button](#)

Transactions (Oldest First)

[Filter](#) ▾

CoinCola | Start Trading BTC, ETH, and BCH | Global OTC Marketplace | 0% trading fee | Perfect time to invest [Start Trading](#) Ad

9e0287408c29d6dd1b5cb456567b98d75865bb5b7e62aa14246080410a17f162

2018-01-12 17:08:14

3BPN...W1aHt5...AT...emWXJXCoNeMT
3HD...KpCpX
1NeOkaiN...K...ity...agras...EhO



11M... [REDACTED] ...bPY

\$ 271.25

Uh-oh

For a moment there it seemed that you were trying to peek into this Monero address:

47XhYJgma5t4z1kTcJbG2VMBghiapeJEraZjU4QFnKdLUDYXTZSMfz5WbwaVe4vUMveKazAiA4j8xgUi29TpKXpm43S8rZ4

No?

Hmmm... it really looks like you were, like, trying to check out this dude's balance.

Well,

Monero says 'No'!

But what about regulation?



Anyone can create a digital currency



₪etro

Sanctions, Smanctions

- “Pssst, you know that Bitcoin stuff doesn’t go through the SWIFT banking system? You know that, right?”



Blockchain tech is based on open source software



```
<div class="container">
  <div class="row">
    <div class="col-md-6 col-lg-8"> <!-- BEGIN NAVIGATION
      <nav id="nav" role="navigation">
        <ul>
          <li><a href="index.html">Home</a></li>
          <li><a href="home-events.html">Home Events</a></li>
          <li><a href="multi-col-menu.html">Multiple Column Menu</a></li>
          <li class="has-children"> <a href="#" class="current">
            <ul>
              <li><a href="tall-button-header.html">Tall But
              <li><a href="image-logo.html">Image Logo</a></
              <li class="active"><a href="tall-logo.html">Ta
            </ul>
          </li>
          <li class="has-children"> <a href="#">Carousels</a>
            <ul>
              <li><a href="variable-width-slider.html">Variab
              <li><a href="variable-width-slider.html">Testimoni
```


Encrypted messaging used to be n

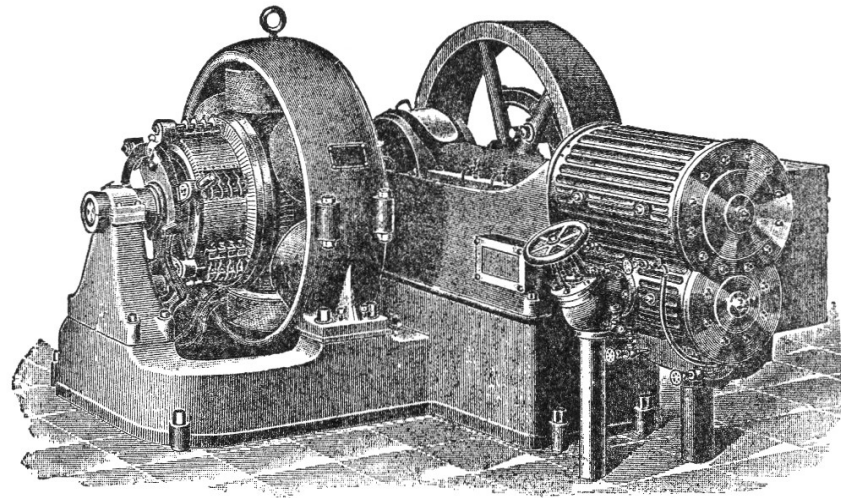


Short term sanctions evasion? Not so



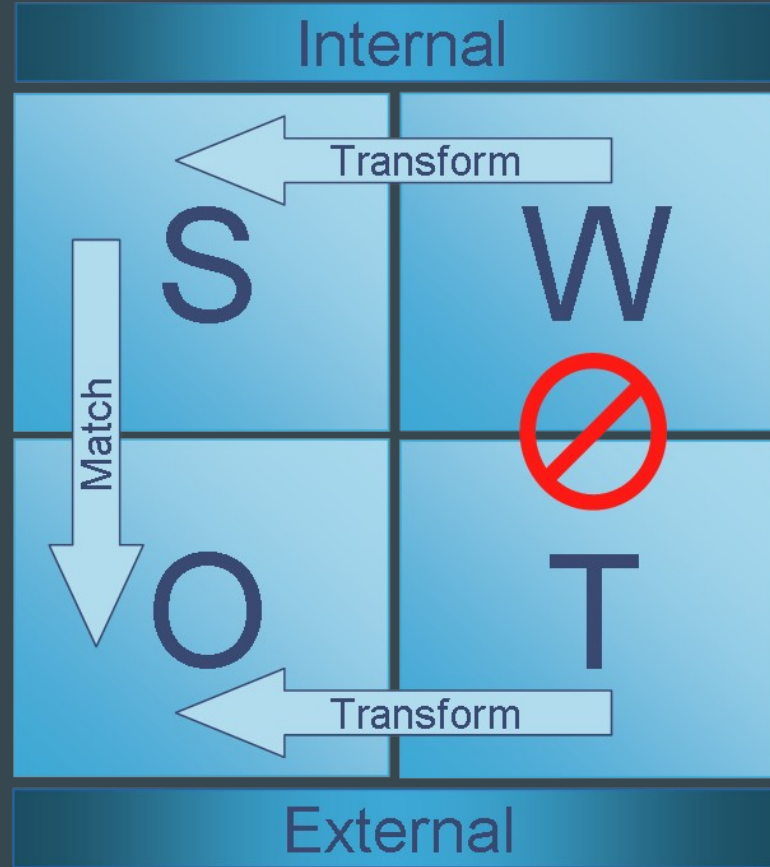
But I do worry about regime collusion in the long term...





S.W.O.T. Analysis

- Strengths
- Weaknesses
- Opportunities
- Threats



New opportunities, new risks - Must stay 3
steps ahead



Discussion

Yaya J. Fanusie

- FDD's Center on Sanctions and Illicit Finance
- yaya@defenddemocracy.org
- Twitter: @SignCurve

