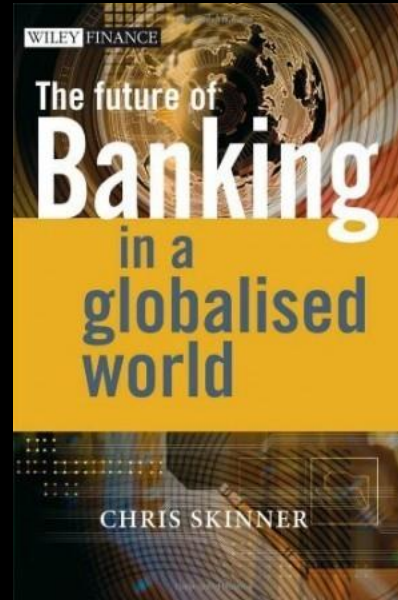
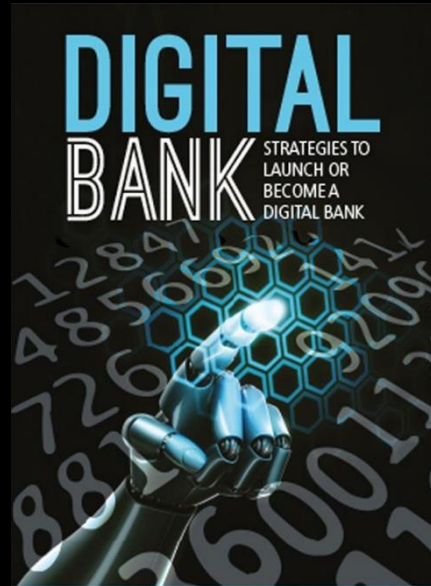
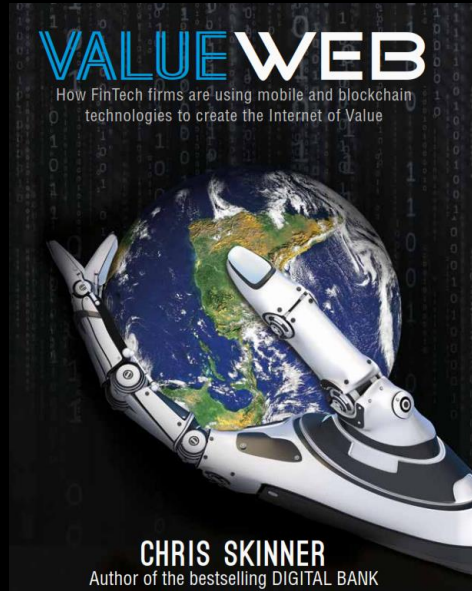




“Chris Skinner: one of the most authoritative voices on Fintech anywhere”

SETH WHEELER

FORMER ECONOMICS ADVISOR TO THE US PRESIDENT AND THE WHITE HOUSE

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 cs@thefinanser.com
 [Chris_Skinner](https://twitter.com/Chris_Skinner)

 **Nordic Finance Innovation**





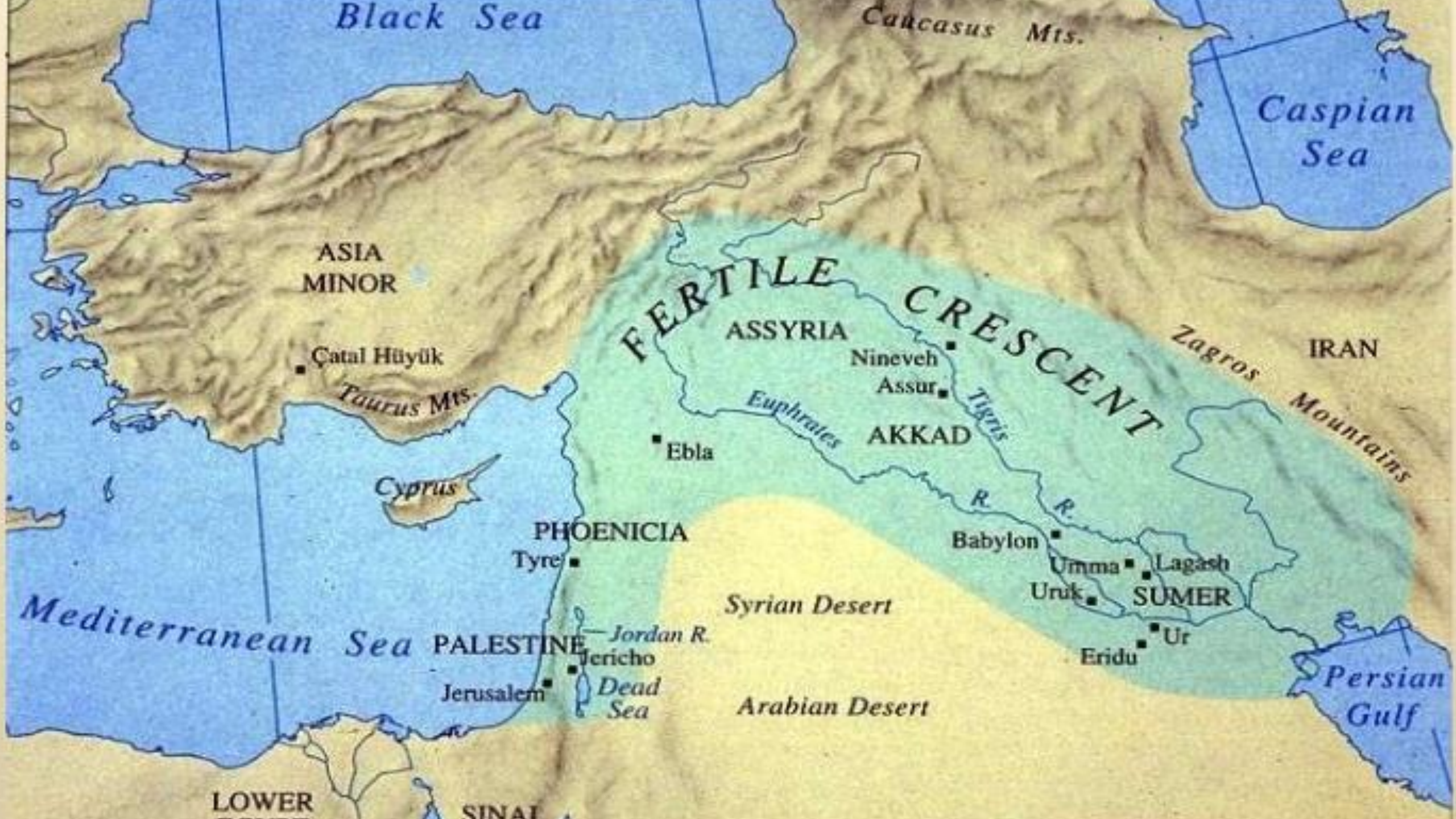








Shared Beliefs
(200,000 years)



Black Sea

Caucasus Mts.

Caspian Sea

ASIA MINOR

Çatal Hüyük

Taurus Mts.

Cyprus

FERTILE CRESCENT

ASSYRIA

Nineveh
Assur

Euphrates

Tigris

Zagros Mountains

IRAN

Ebla

PHOENICIA

Tyre

Babylon

Uruk

Umma
Lagash

SUMER

Eridu
Ur

Persian Gulf

Mediterranean Sea

PALESTINE

Jerusalem

Jordan R.
Jericho
Dead Sea

Syrian Desert

Arabian Desert

LOWER

SINAI





Money
(10,000 years)





AMERICA

UNITED STATES & DOMINION
TRANSPORTATION COMPANY.

DULUTH-PORT ARTHUR ROUTE

AMERICA



250

1765 – 2015

Banks
(500 years)





**WHAT IS
DIGITAL?**

THE LARGEST COMPANIES BY MARKET CAP

The oil barons have been replaced by the whiz kids of Silicon Valley



Top 5 Publicly Traded Companies (by Market Cap)



Tech



Other



Something has changed

FIRM	YEAR	EMPLOYEES	MKT CAP
BMW	1916	116,000	\$53B
UBER	2009	7,000	\$60B
MARRIOTT	1927	200,000	\$17B
AIRBNB	2008	5,000	\$21B
WALT DISNEY	1923	185,000	\$165B
FACEBOOK	2004	12,691	\$315B
KODAK	1888	145,000	\$30B (peak)
INSTAGRAM	2010	13	\$1B (acquired)

Source: Geoffrey Parker

Something is changing

FIRM	YEAR	EMPLOYEES	MKT CAP
BARCLAYS BANK	1692	130,000	\$30B
PAYPAL	1999	13,000	\$48B
DEUTSCHE BANK	1870	101,000	\$17B
ANT FINANCIAL	2015	5,000	\$60B
STRIPE	2011	400	\$9.2B
JPM CHASE	1799	235,000	\$245B

JPM CHASE
217 years
\$1m/employee

STRIPE
5 years
\$22m/employee

Date: October 2016



BANIK









BACK OFFICE
manufacturing product
focused upon innovation



MIDDLE OFFICE
processing transactions
focused upon quality



FRONT OFFICE
retailing experiences
focused upon intimacy

RETAIL BANKING

COMMERCIAL BANKING

PAYMENTS

WEALTH MANAGEMENT

INVESTMENT BANKING

INSURANCE



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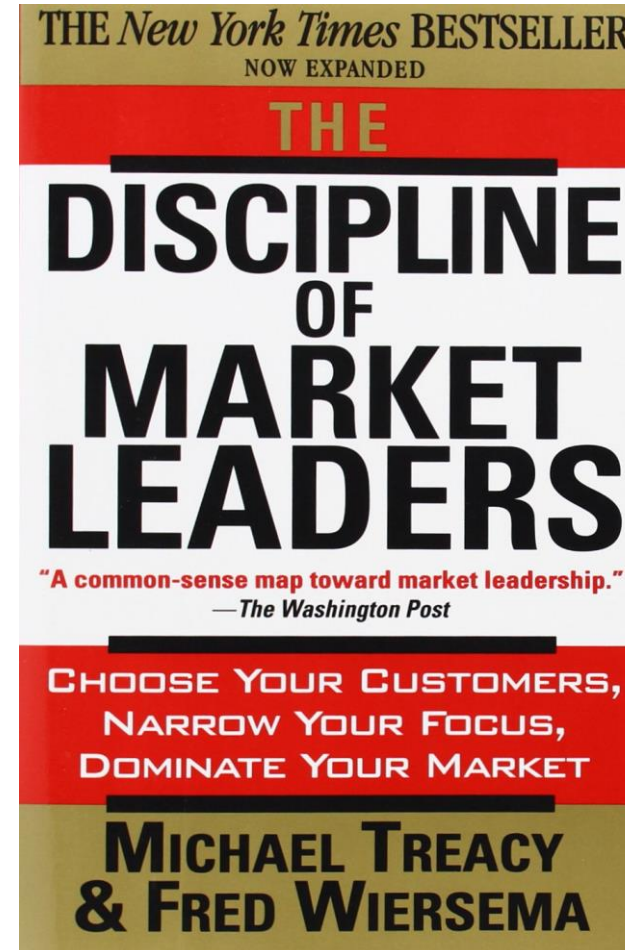
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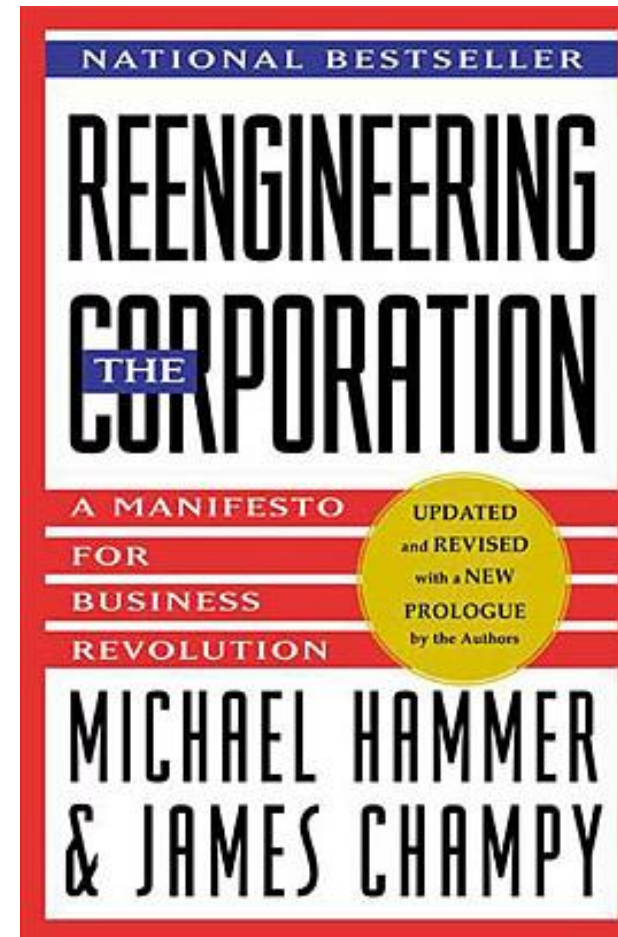
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UBER





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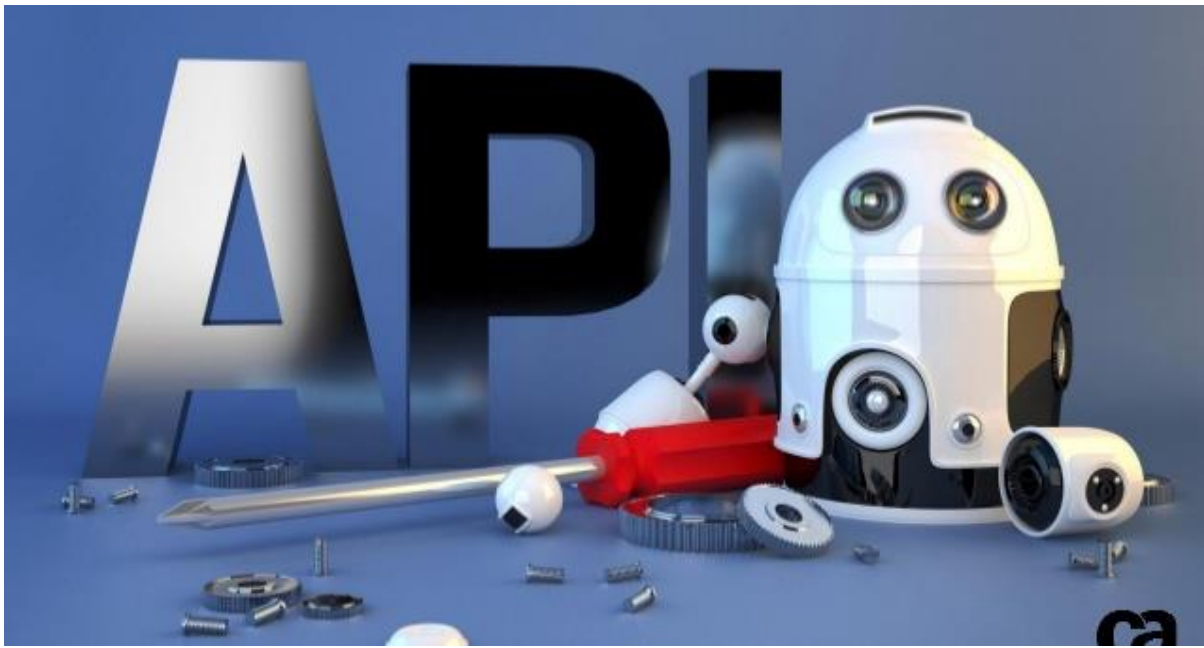
WEALTH MANAGEMENT

INVESTMENT BANKING

INSURANCE



OPEN SOURCE SOFTWARE
OPEN-SOURCE
FREE SOURCE
ACCESS
COPYRIGHT
PUBLIC
SOFTWARE
SYSTEM
RESEARCH
CODE
DEVELOPMENT
COMMUNITY
DIGITAL
CULTURE
SHARED EXAMPLE
COST
DESIGN
INCLUDING
SCIENTIFIC
WORLD
POTENTIAL
COMMUNITIES
DISTRIBUTED
PRODUCT
MANUFACTURERS
SIMILAR
TECHNOLOGY
PLATEFORM
ANOTHER
WORKS
POLITICAL
ARTICLE
MAKING
CITATION
SAFETY
ISS
MESSAGEBOARDS
NEW
COMPUTER
WORK
COMPANIES
PROCESS
CASE
IDEA
COMMUNITY
WELL
DIGITAL
SOCIAL
USING
INDIVIDUALS
LINUX
BEER
ETHICS
USE
TECHNOLOGIES
MEDIA
INTERNET
TERM
DATA
SYSTEMS
ONLINE
CONTENT
INFORMATION
BLOGS
OPERATING
COMMONS
ENTRY
PROJECT
FILE
RESEARCH
GENERAL
CULTURE
DESCRIBE
FILM
AVAILABLE
CREATED
PROPERTY
NETWORK
BUSINESS
CREATIVE
MODEL
USERS
PRODUCTION
ONE
CULTURAL
HARDWARE
INNOVATION
RESOURCES
PRODUCTS
SHARING
RAYMOND
EXAMPLES
INTELLECTUAL



Time	Flight	Destination	Gate	Status
17:25	A 1109	Dallas	Est	20:20
18:15	K 659	Kuala Lumpur		Boarding
18:20	Z 634	Guangzhou	Est	19:25
18:50	U 9998	Shanghai/PVG	Est	19:30
19:05	D 1262	Shanghai/PVG		Cancelled
19:10	Y 5639	Melbourne		Final Call
19:15	A 9919	Mumbai		Final Call
19:15	X 709	Dusseldorf		Final Call
19:20	E 1832	Taipei		Boarding
19:20	1926	Taipei		Boarding
19:20	Z 4099	Sydney		Boarding
19:25	R 872	Taipei		Boarding
19:25	X 484	Taipei		Boarding
19:30	J 118	Miami		Boarding
19:30	M 910	Shanghai/PVG		Boarding
19:35	A 452	Kunming		Boarding
19:40	A 9919	Dubai		Boarding
19:45	A 428	Chicago		Boarding
19:50	A 1628	Kuala Lumpur		Boarding
19:50	Z 634	Guangzhou		Boarding
19:55	X 709	Dusseldorf		Boarding
19:55	U 9998	Shanghai/PVG		Boarding
20:00	X 709	Dusseldorf		Boarding
20:00	X 709	Dusseldorf		Boarding

Time	Flight	Destination	Gate	Status
20:00	A 622	Hongkong		
20:05	CI 642	Taipei		
20:05	A 885	Singapore		
20:10	Z 7431	Medan	Est	20:00
20:15	O 304	Beijing		
20:25	J 560*	Shanghai/PVG		
20:30	K 688	Singapore		
20:30	H 1111	Bangkok		
20:35	R 2985	Singapore	Est	21:15
20:40	Z 3890	Hanning		
20:40	A 889	Ho Chi Minh		
20:40	O 332	Taipei		
20:45	M 910	Mumbai		
20:45	X 709	Dusseldorf		
20:45	G 887	Bangkok		
20:50	D 3882	Bangkok		
20:55	J 123*	Guangzhou		
20:55	Z 634	Sydney		
21:00	R 889	Taipei		

Time	Flight	Destination	Gate	Status
21:10	Phoenix		Est	21:00
21:10	Shanghai/PVG			
21:20	Shanghai/PVG			
21:25	Hongkong			
21:30	Taipei			
21:30	Sydney	Cancelled		
21:40	Kunming			
21:40	Clark			
21:40	Xiamen			
21:50	Manila			
21:50	Manila			
21:55	Manila			
21:55	Kunming			
22:00	Manila			
22:10	Bangkok			
22:15	Taipei			
22:15	Taipei			
22:20	Taipei			
22:25	Shanghai/PVG			
22:25	Bangkok			
22:40	Bangkok			
22:45	Manila			
22:45	Singapore			
22:50	Manila			

Time	Flight	Destination	Gate	Status
22:50	Bangkok			
23:00	Amsterdam			
23:05	Paris			
23:10	London			
23:10	London			
23:10	Zurich			
23:10	London			
23:10	Manila			
23:40	Los Angeles			
23:45	London			
23:45	London			
23:45	London			
23:50	Amsterdam			
23:55	Sydney			
23:55	London			
23:55	Frankfurt			
23:55	Paris			
23:55	Amsterdam			
23:55	Sydney			
23:55	London			
23:55	Frankfurt			
23:55	Paris			

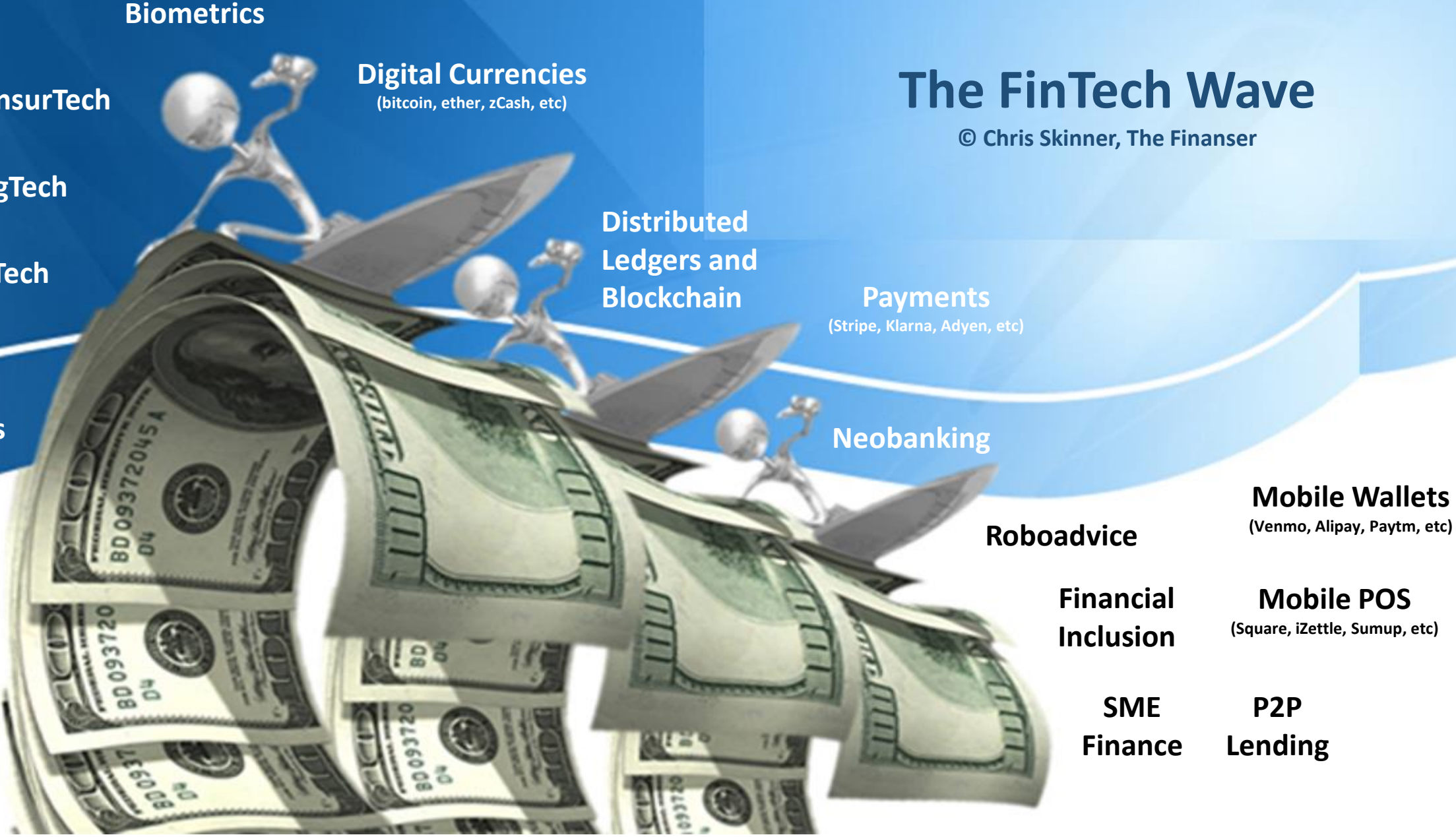
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21:00	R 889	Taipei		
21:00	K 659	Kuala Lumpur		
21:05	X 197	Amsterdam		

FINTECH



The FinTech Wave

© Chris Skinner, The Finanser



The Hype Cycle

The Wave of Gloom

The Trough of Disillusionment

The Mainstream



 component



BACK OFFICE

MIDDLE OFFICE

FRONT OFFICE

RETAIL BANKING

COMMERCIAL BANKING

PAYMENTS

WEALTH MANAGEMENT

INVESTMENT BANKING

INSURANCE



component



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MIDDLE OFFICE

FRONT OFFICE

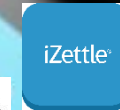
RETAIL BANKING



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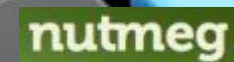
PAYMENTS



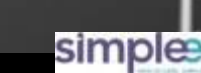
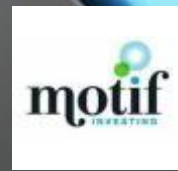
WEALTH MANAGEMENT



INVESTMENT BANKING



INSURANCE





KEEP
CALM
AND
ASK A
CURATOR

“My three year old son likes to play with dinosaurs ... so do we”
FinTech CEO announcing bank partnership





ONLY 60%

**OF BANK BOARD
DIRECTORS HAVE ANY
TECH EXPERIENCE**

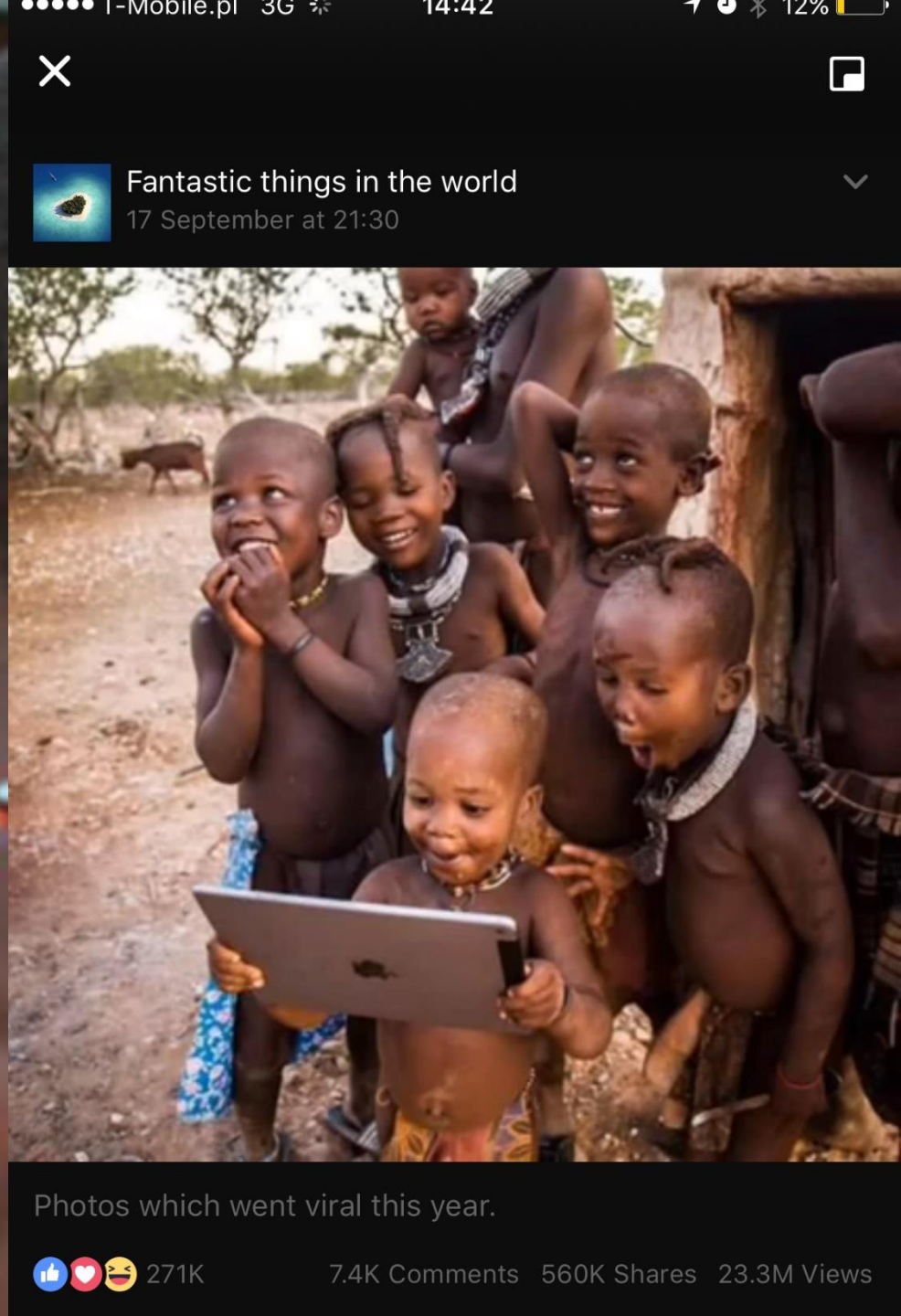
2 OUT OF 5

**BANK BOARD
ROOMS HAVE NO
TECHNOLOGISTS**



**7 billion
people**





Fantastic things in the world

17 September at 21:30

Photos which went viral this year.

271K

7.4K Comments 560K Shares 23.3M Views





SUSTAINABLE DEVELOPMENT GOALS



16.9: by 2030, provide legal identity for all, including birth registration



Human trafficking has become the second most profitable industry, after drug trafficking.





What we want to
do is to solve the
problem of a lack
of inclusiveness

Jack Ma











Being human



Creating industry



Forming civilisations



Going digital



Beliefs



Creating
industry

Going
digital





Beliefs



Creating industry

Going digital





Beliefs



Money

Banks

Going digital





Beliefs



Money

Banks

Data

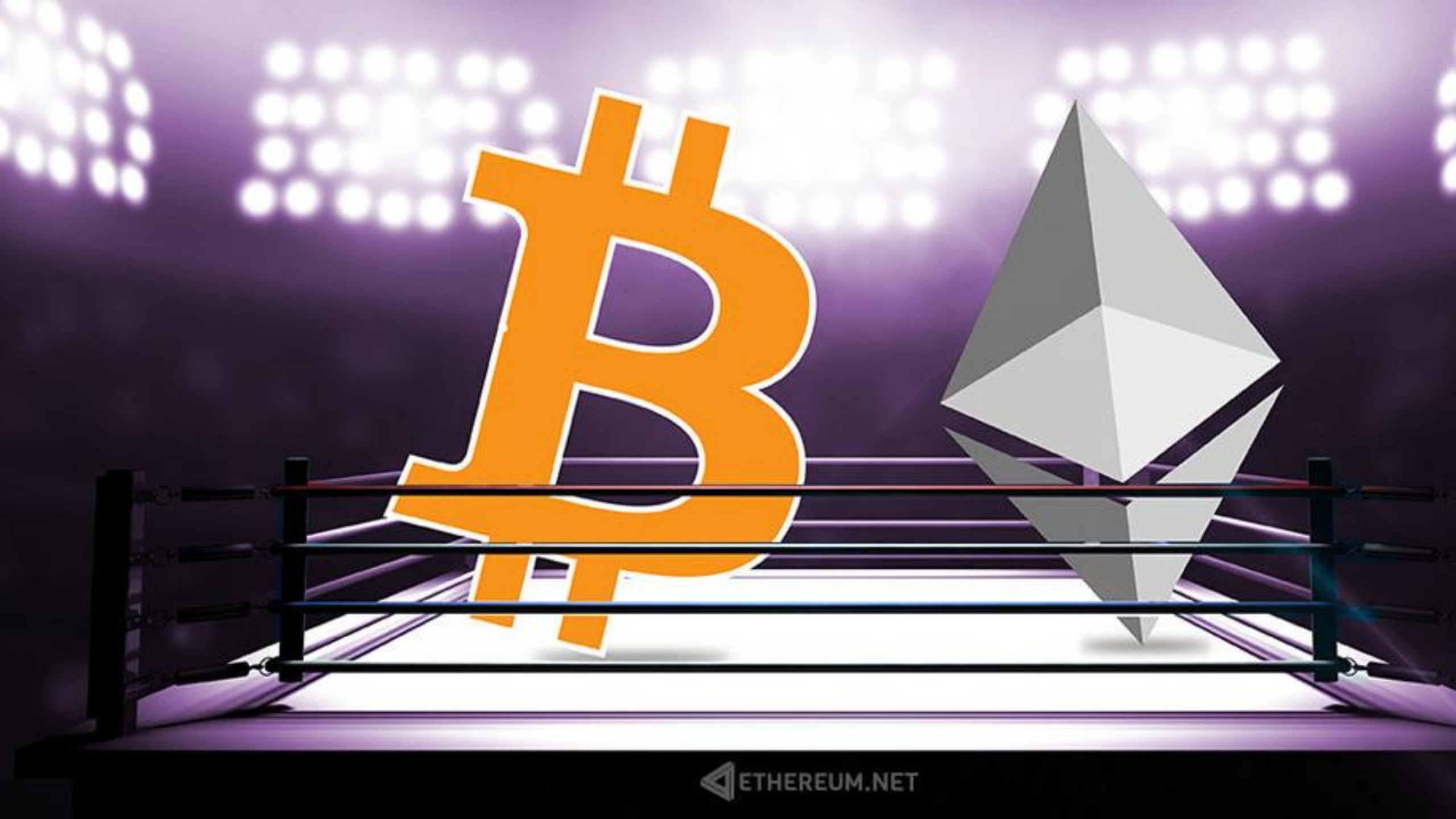












**The acquisition
of wealth is no
longer the
driving force in
our lives ...**



**... we work to
better ourselves
and the rest of
humanity.**

I would like to die thinking that humanity has a bright future ...

... becoming a multiplanetary species with a self-sustaining civilization ... would be really good.

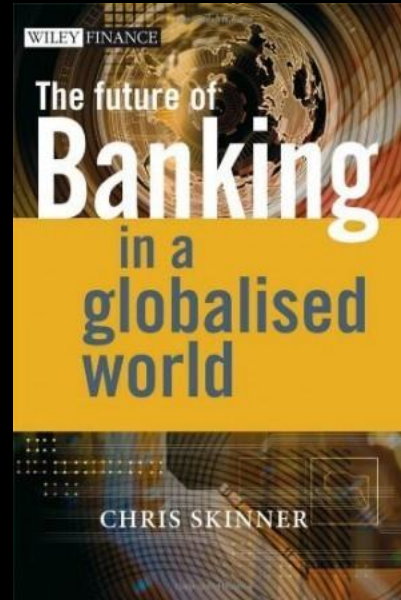
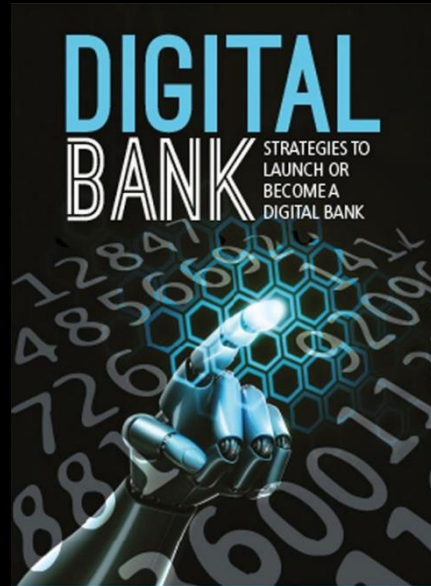
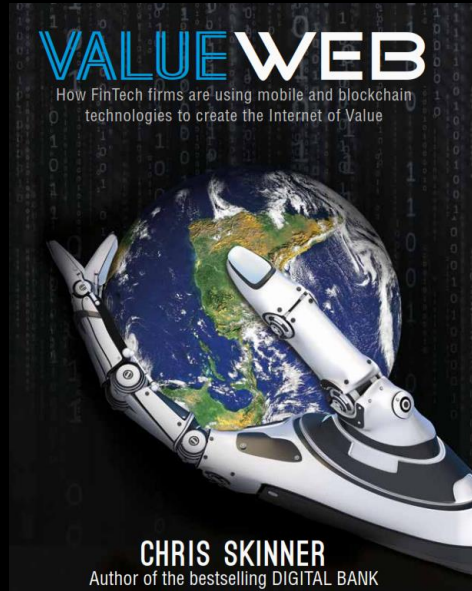




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