

Blockchain Institute & Technology



The place where **validate**
your Decentralized Ledger Technologies skills.

Programa en colaboración con

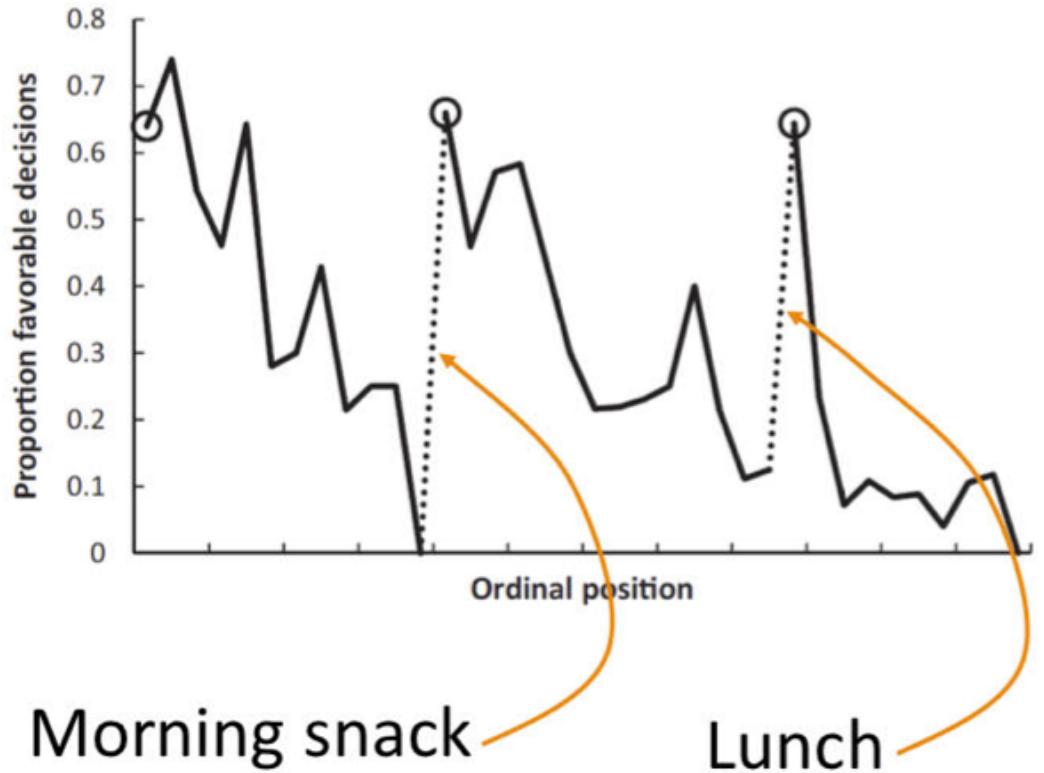


proteum^X
Blockchain accelerator

EFP
ESPAÑA
European Financial Planning Association

FIBREE

Comparative Disadvantage



Israeli judges are significantly more lenient after a food break (Danziger et al 2011).



Futuro de las organizaciones y el trabajo

1. Marca Personal
2. Influencia
3. Networking

**Desparecen las empresas
y empleos tradicionales**



1. No nóminas – Tokens
2. Éxito – no tiempo
3. Multiproject



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Co-founder & CEO of [Blockchain Institute & Innovation](#)

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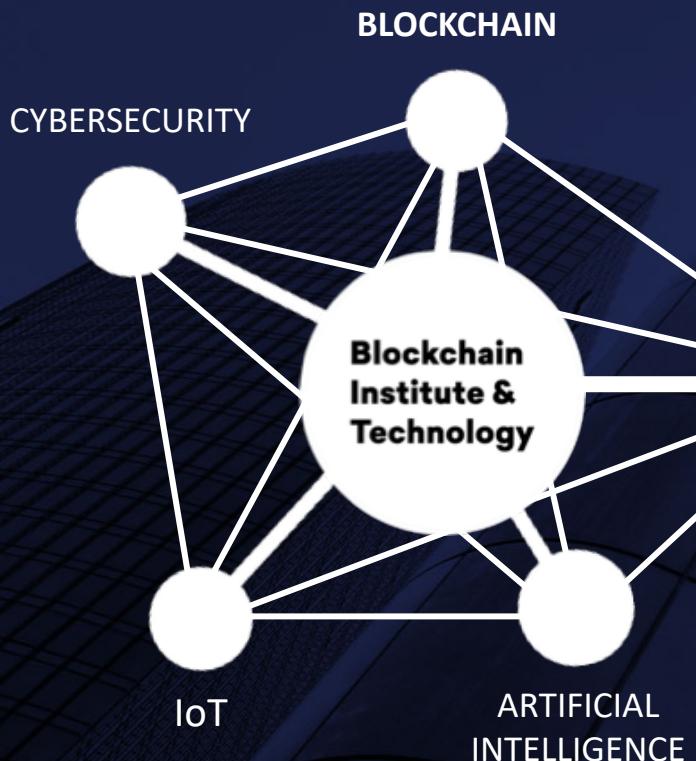
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@coach_mas_

WHAT IS BIT?

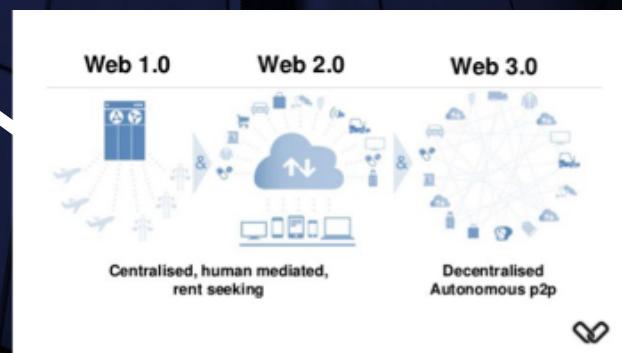


We are heading towards a
De-centralized World

Everyone **needs** to understand it
From individuals to
corporations and governments

That's why we offer **more than education...**
Consultancy and Incubation too because...

NOBODY understands what's coming.



**Blockchain
Institute &
Technology**

WHAT IS BIT?

BIT is a boutique school offering consultancy , headhunting and incubation services with the focus of becoming an integrated solution for professionals and companies facing the challenges of industry 4.0 in this change of economic paradigm.

your *future* is now



EDUCATION

Blockchain, Artificial Intelligence, Cybersecurity, IoT



COMMUNITY

Events, Meetups, International Speakers



CONSULTANCY

Architecture Design, Legal Assessment, ICO, STO



HEADHUNTING

Team Creation, Ad-hoc hiring



INCUBATION OF PROJECTS & OWN SOFTWARE

We invest and advise new business models + own projects

**Blockchain
Institute &
Technology**

2017

- No existen centros de formación.
- Tutoriales online o charlas de fin de semana.
- Información atomizada y dispersa
- Sólo para técnicos. No para business.
- Contenido en inglés. No en español



SOLUCION

- 1º. Postgrado de 300 horas del mundo
- Mix de equipos técnicos y business
- Prácticas en los principales DLTs
- TFM real directo con CTO y CEO
- Mejores profesores del mercado
- Presencialidad virtual
- Triple titulación con IBM y EADA

Business School



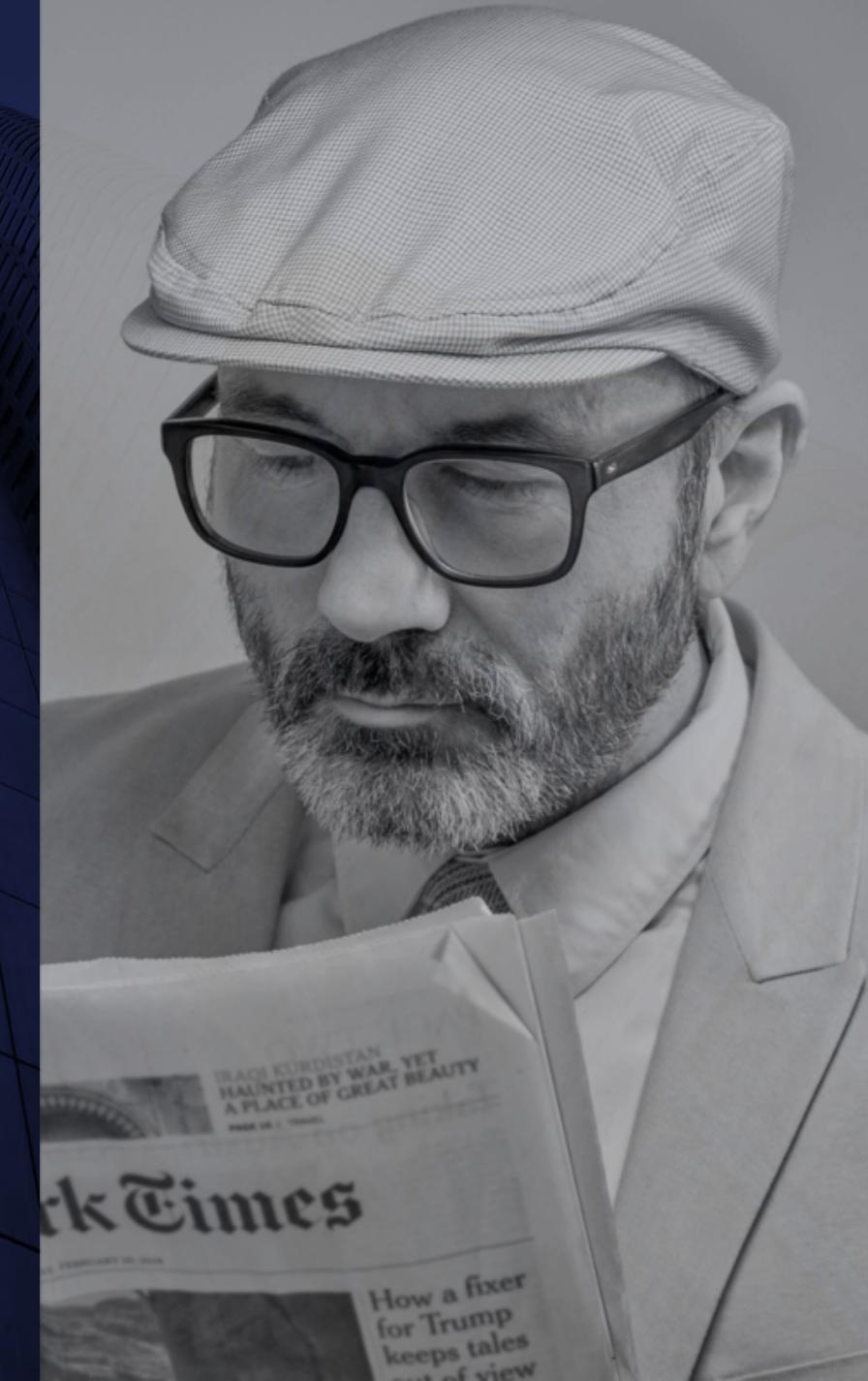
2018

- Marzo - Julio
- 28 alumnos (23 cursando)
- 6.000 euros
- Alumnos internacionales
- Certificación sobre Blockchain
- 2 proyectos en fase de MVP



Conclusiones 2020

- Formación blended – online
- Flipping class
- Formación modular
- Personalización del CV
- Corta duración
- Práctico
- 24h asistencia. Inicio - fin
- Acompañamiento por fases
- Comunidad
- Certificación específica vs titulación
- Precio



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Companies



Other players in the field



We are recognized as the reference training center in new technologies of Catalonia.

The Evolution of Blockchain

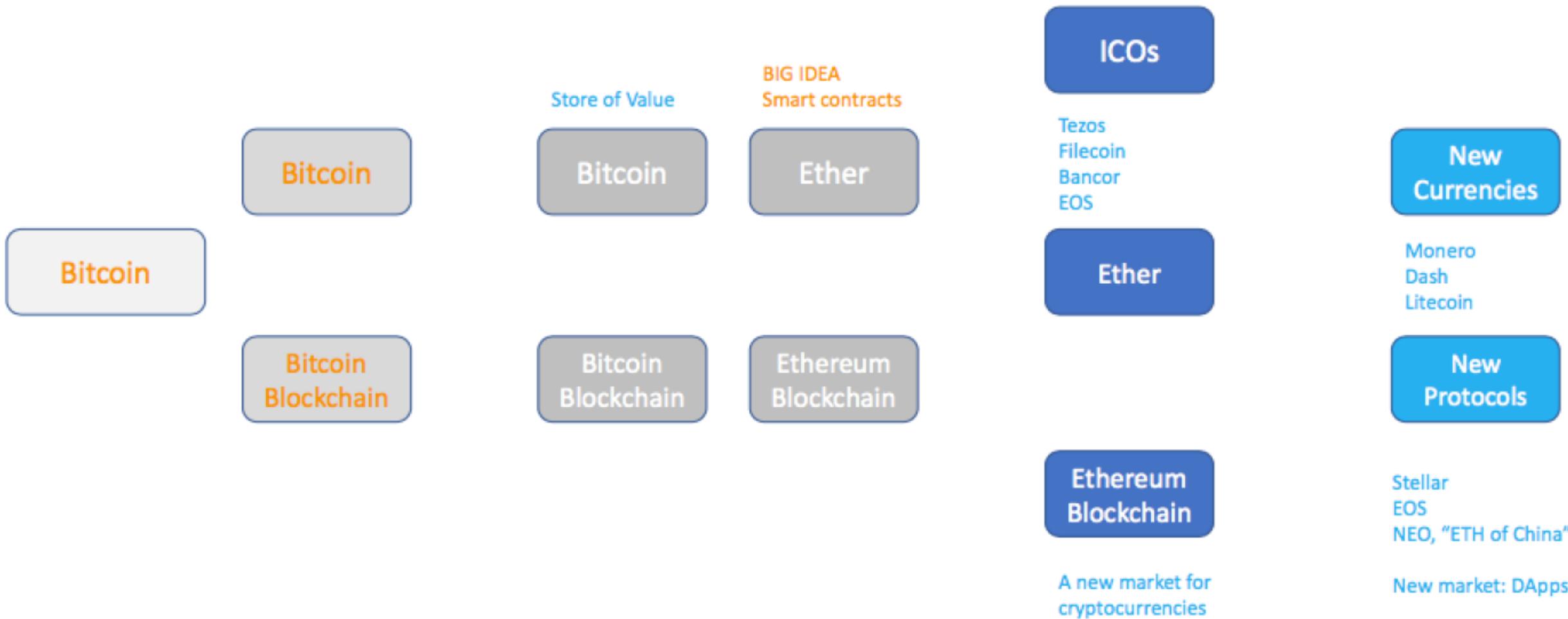
2009

2013

2014

2015– 2016

So far...



STATE OF ART OF BLOCKCHAIN TECHNOLOGY

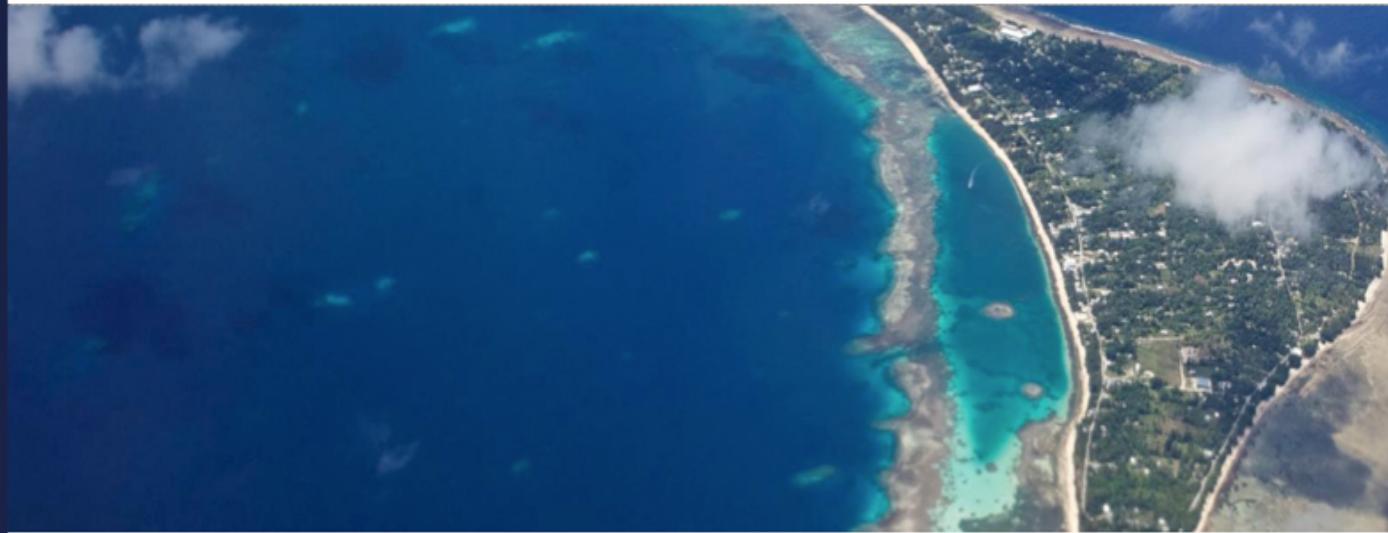
LEGISLATION ALREADY APPROVED!

2020 Liechtenstein Law. 2020 German law on tokens and crypto assets.

Large companies, traditional investors, entrepreneurs and SMEs will get involved with blockchain since this technology will be legal and taxes will be clear to everyone. The security and utility tokens will be traded in primary and secondary markets on Exchanges mix with traditional assets. they will be part of our daily economy as well as payments. There will be a huge demand of these skills from companies to professionals and entrepreneurs.

*There is no other institution that certifies these professional skills.
That is why we became a certifier in alliance with the EFPA.*





Photographer: Apple White/

Cryptocurrencies

Tiny Pacific Nation Makes a Go of Its Own Digital Currency

Una CBDC es un nuevo tipo de moneda legal que ampliará el acceso digital del público a las cuentas del banco central, que hoy en día está limitado a los bancos comerciales



Blocktrade

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THE PROBLEM

A **growing need** highly-qualified professionals in all companies, industry-wide.

A complete lack of formation on Industry 4.0 –related technologies.

WE SOLVE IT

Lack of Formation

200%

370%

YoY growth of
demand for
services/software

Demand for
formation

Lack of Talent

517%

300%

Demand for New
Professionals 2018-
2019

YoY growth of
demand for
professionals

Blockchain creates digital assets

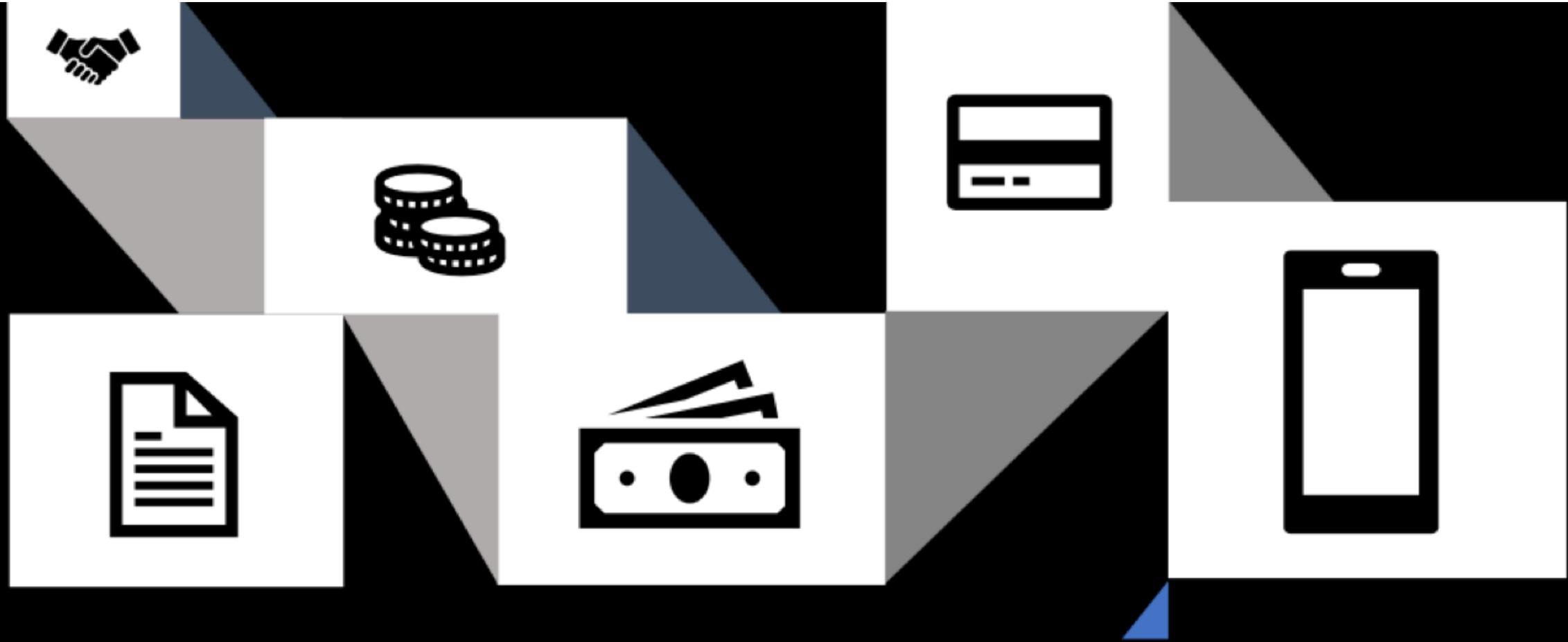
	Assets	Digital Asset	Proteum Solutions
money	FIAT	Cryptocurrency	Payment Processing
rights	Shares	Security Token	Security Token Offerings
	Contracts	Utility Token	Tokenizing Digital Assets
	Credentials	Credentials	Credentials for Individuals
products / services	Credentials	Credentials	Credentials for Products
	Merchants	Utility Token	Tokenizing Products

BITCOIN

Is Bitcoin's **value proposition** digital currency?

90% of existing money only exists as digital currency

Bitcoin's value proposition is its **methodology** in
guaranteeing the trustworthiness of digital currency



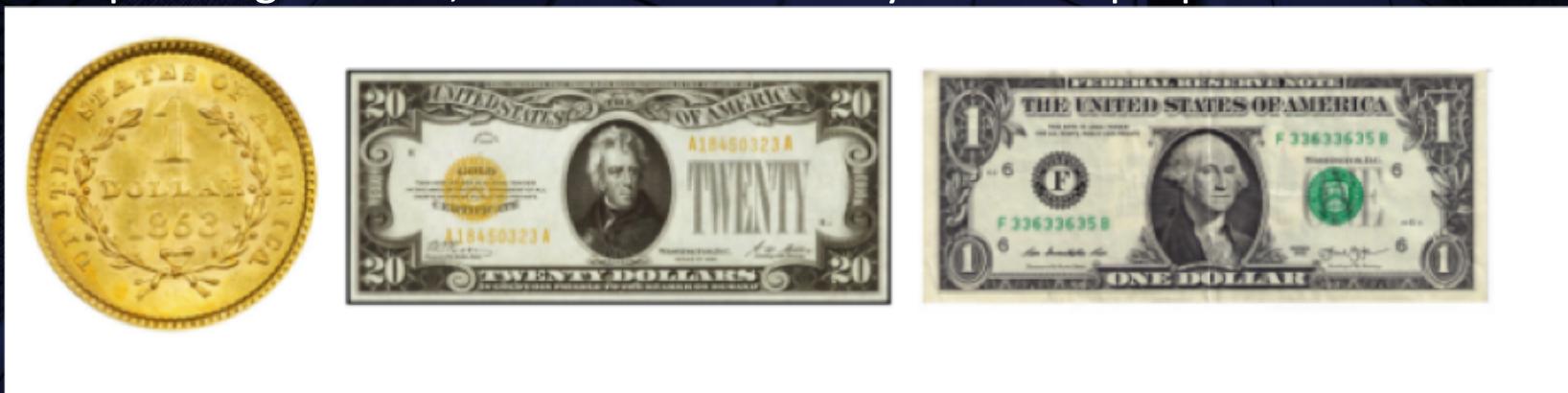
Blockchain means digital assets

US Dollar

Phase transitions are also present in finance.

1. US Dollar has transitioned from gold coin (One dollar = 371.25 grains of pure silver = 24 grains of gold),
2. to paper backed by gold ("In gold coin payable to the bearer on demand"),
3. to paper backed by nothing ("This note is legal tender for all debts, public and private").

Although we keep calling it Dollar, the Dollar has totally different properties in these three phases



Governance systems in new business models

SC, DO, DAO, DAC...

Old School : Organizaciones opacas. Oportunidades de negocio basadas en las desigualdad de oportunidades, la corrupción y el fraude.

Differences between each entity

What differentiates a Smart Contract from a Decentralized Application (dApp)? -

What is the difference between a dApp and a Decentralized Autonomous Organization (DAO)? -

What differentiates a DAO from a Decentralized Organization (DO)? -

What is the difference between Decentralized Autonomous Corporations (DAC) and a DAO?

JOBS

- Blockchain Developper (per technologies)
- SC Developper
- Blockchain Project Manager / Scrum Master
- Blockchain Architect
- Blockchain Processes Consultant
- Blockchain Traceability Expert
- Blockchain Legal Expert
- Blockchain Security Expert
- Blockchain Quality and Audit Expert
- Blockchain IoT Expert
- Blockchain & AI Expert
- Blockchain Functional Expert Segment Health
- Blockchain Functional Expert Segment Food
- Blockchain Functional Expert Segment Tourism
- Blockchain Functional Expert Segment Transport & Logistics
- Blockchain Functional Expert Segment Stock Market & Financials
- Blockchain Functional Expert Segment Communication & Marketing
- Blockchain Functional Expert Segment Real State

WHAT IS BMI?



The place where validate your Decentralized Ledger Technologies skills.



BLOCKCHAIN

PROJECT MANAGEMENT *Certification*



EXPERT + SPECIALIZATIONS

Specialization programs are required in order to understand how Blockchain technology can impact a specific industry.

SUPPLY CHAIN

Logistics
Retail
Industrial Symbiosis
Circular Economy
Healthcare
Energy
Insurance
Critical Infrastructures

FINANCE

Loans
Trading
Asset Tokenization
Insurance



GOVERNANCE

Data economy
Digital Certificates
Contracts
Intellectual property
Sovereign Identity

LEGAL

Data protection
Tokenomics
Audit
STOs
Consultancy
Advisory
Legal Compliance

REAL STATE

Tokenization
Land titles & Deed records
Asset & Fund management
Sale of property and
Assignment of title
Investor and tenant identity
Payments and Leases
Real-time accounting



HEALTH

Secure patient data and
medical history
Supply Chain manage-
ment
Drug safety
Centers for disease
control and prevention
Anonymous transfer of
records for research



*Vottun offers a platform to manage certificates on public blockchains in a more efficient, transparent and secure way.



THE EXPANSION



OUR PARTNERS

Programa en colaboración con



Empowering Education



Certified Centers

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UCAM

**cb cashback
world PARTNER**



Tecnológico
de Monterrey



BMI Blockchain Management Institute

Programa DEFI.. Pequeño adelanto

Conceptos fundamentales sobre blockchain

- 1.1 Porqué surge blockchain y qué puede aportar
- 1.2 ¿Qué es blockchain? (Inmutabilidad y descentralización)
- 1.3 Bitcoin, Ethereum, Ripple... ¿Qué son las criptomonedas?
- 1.4 ¿Qué es un algoritmo de consenso?
- 1.5 Algoritmo de consenso versus protocolo
- 1.6 Pow y Pos
- 1.7 Criptomoneda y token



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Programa DEFI

Tipos de blockchains y protocolos de consenso

- 2.1 Bitcoin
- 2.2 Ethereum
- 2.3 Hyperledger Fabric
- 2.4 Tendermint
- 2.5 Swirlds, Hedera hashgraph
- 2.6 Ouroboros, Cardano
- 2.7 Algorand
- 2.8 ZkSnarks, ZCash
- 2.9 Lightning Network
- 2.10 Atomic Swaps
- 2.11 Cosmos
- 2.12 Tezos
- 2.13 EOS
- 2.14 Mimblewimble
- 2.15 Dfinity
- 2.16 Plasma



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Programa DEFI



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Definiciones

- 3.1 ¿Qué es un token?
- 3.2 Funciones de un token
- 3.3 Token moneda
- 3.4 Token de utilidad
- 3.5 Token de seguridad
- 3.6 Monedas estables
- 3.7 Tokenización vs economía FIAT

Programa DEFI

Finanzas descentralizadas De-Fi, ¿Por qué?

- 7.1 Ventajas
- 7.2 Inconvenientes
- 7.3 Dualidad centralización/descentralización
- 7.4 Identidad versus descentralización
- 7.5 Propiedad versus descentralización
- 7.6 Atributos de las finanzas descentralizadas De-Fi
- 7.7 Atributos del token de seguridad
- 7.8 Tipos de activos en función a la liquidez
 - 7.8.1 Clasificación de activos en base a la liquidez
 - 7.8.2 Tipos de activos en base a la liquidez



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Programa DEFI

ICOS versus STO

8.1 Oferta inicial de moneda (ICO)

8.2 Mercado ICO

8.3 Oferta de token de seguridad (STO)

8.4 Mercado STO

Criptomonedas

12.1 ¿Novedad o más de lo mismo? (evolución del sistema monetario)

12.2 Criptomoneda vs divisa (concepto de par de activos)

12.3 Monederos digitales.

12.3.1 Descripción

12.3.2 Tipos de monederos y usos

12.3.3 Gestión de claves y usos

12.4 Conceptos de Análisis Fundamental (vistos por trader FIAT)





MUCHAS GRACIAS



your *future* is now

www.blockmi.org

ACCID

Associació
Catalana de
Comptabilitat i
Direcció