



THE FUTURE OF CRYPTO AND DIGITAL ASSETS

Lawrence Wintermeyer, Executive Co-Chair, Global Digital Finance

Webinar

Thursday, 04 February 2021, 11:00am GMT

A WORD FROM TODAY'S CHAIRMAN



Professor Michael Mainelli

Executive Chairman

Z/Yen Group

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Total Market Capitalization

Linear Scale Log Scale

Zoom 1d 7d 1m 3m 1y YTD ALL

From Apr 29, 2013 To Feb 4, 2021



— Market Cap ● 24h Vol

TODAY'S AGENDA



- 11:00 – 11:05 Chairman's Introduction
 - 3 snap polls
- 11:05 – 11:15 Keynote Address – Lawrence Wintermeyer
- 11:15 – 11:30 Discussion
 - Growing Acceptance
 - Trust & Transparency
 - Sustainability & The Environment
 - CBDCs
- 11:30 – 11:45 Questions & Answers

POLL #1



Q1 Do you currently invest in or trade cryptoassets?

- a) Yes
- b) No, but I'm planning to
- c) No, I would never

POLL #2



Q2 What are the biggest challenges cyptoassets must overcome to achieve greater adoption?

- a) Price volatility
- b) Potential for market manipulation
- c) Lack of fundamentals (largely non-asset backed)
- d) Financial crime
- e) Other

POLL #3



Q3 What will be the biggest development in 2021

- a) Institutional investment in digital assets will continue to increase
- b) DeFi will grow and receive more attention from regulators
- c) More CBDC projects and launches
- d) Don't know

TODAY'S SPEAKER



Lawrence Wintermeyer

Executive Co-Chair

Global Digital Finance



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Lawrence Wintermeyer, Executive Co-chair
Lawrence@gdf.io

Voice of the Community Influencers: Predictions

- 1 Institutional investment in digital assets will continue to increase
- 2 DeFi will grow and receive more attention from regulators
- 3 More CBDC projects and launches
- 4 Greater crypto-banking convergence
- 5 Value of digital assets will continue to rise
- 6 Diem will launch
- 7 Greater emphasis on tax treatments
- 8 Acceleration of traditional asset tokenization
- 9 Positive impact of the Biden administration
- 10 Self-hosted wallets will face greater regulatory scrutiny

10 Year Asset Class Returns

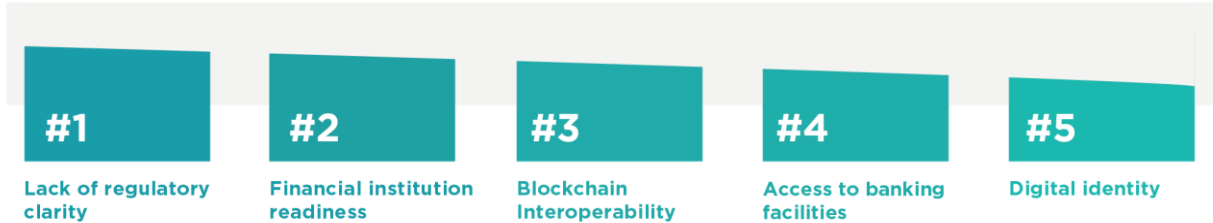
@CharlieBilello		Asset Class Returns over Last 10 Years (as of 12/11/20)										Data Source: YCharts	
ETF	Asset Class	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD	2011-20 Cumulative	2011-20 Annualized
N/A	Bitcoin (\$BTC)	1473%	186%	5507%	-58%	35%	125%	1331%	-73%	95%	162%	6271233%	203.5%
QQQ	US Nasdaq 100	3.4%	18.1%	36.6%	19.2%	9.5%	7.1%	32.7%	-0.1%	39.0%	42.7%	512.5%	20.0%
SPY	US Large Caps	1.9%	16.0%	32.2%	13.5%	1.2%	12.0%	21.7%	-4.5%	31.2%	15.5%	254.0%	13.5%
IWM	US Small Caps	-4.4%	16.7%	38.7%	5.0%	-4.5%	21.6%	14.6%	-11.1%	25.4%	16.1%	179.9%	10.9%
VNQ	US REITs	8.6%	17.6%	2.3%	30.4%	2.4%	8.6%	4.9%	-6.0%	28.9%	-6.8%	124.6%	8.5%
TLT	Long Duration Treasuries	34.0%	2.6%	-13.4%	27.3%	-1.8%	1.2%	9.2%	-1.6%	14.1%	18.8%	119.4%	8.2%
LQD	Investment Grade Bonds	9.7%	10.6%	-2.0%	8.2%	-1.3%	6.2%	7.1%	-3.8%	17.4%	10.1%	79.6%	6.1%
PFF	Preferred Stocks	-2.0%	17.8%	-1.0%	14.1%	4.3%	1.3%	8.1%	-4.7%	15.9%	6.0%	74.3%	5.7%
EMB	EM Bonds (USD)	7.7%	16.9%	-7.8%	6.1%	1.0%	9.3%	10.3%	-5.5%	15.5%	4.2%	70.4%	5.5%
HYG	High Yield Bonds	6.8%	11.7%	5.8%	1.9%	-5.0%	13.4%	6.1%	-2.0%	14.1%	3.3%	69.5%	5.4%
EFA	EAFE Stocks	-12.2%	18.8%	21.4%	-6.2%	-1.0%	1.4%	25.1%	-13.8%	22.0%	5.4%	65.2%	5.2%
BND	US Total Bond Market	7.7%	3.9%	-2.1%	5.8%	0.6%	2.5%	3.6%	-0.1%	8.8%	7.4%	44.4%	3.8%
TIP	TIPS	13.3%	6.4%	-8.5%	3.6%	-1.8%	4.7%	2.9%	-1.4%	8.3%	10.1%	42.3%	3.6%
EEM	EM Stocks	-18.8%	19.1%	-3.7%	-3.9%	-16.2%	10.9%	37.3%	-15.3%	18.2%	13.7%	30.0%	2.7%
GLD	Gold	9.6%	6.6%	-28.3%	-2.2%	-10.7%	8.0%	12.8%	-1.9%	17.9%	20.7%	24.3%	2.2%
BIL	US Cash	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.7%	1.7%	2.2%	0.4%	4.8%	0.5%
DBC	Commodities	-2.6%	3.5%	-7.6%	-28.1%	-27.6%	18.6%	4.9%	-11.6%	11.8%	-10.7%	-46.8%	-6.1%
Highest Return		BTC	BTC	BTC	VNQ	BTC	BTC	BTC	BIL	BTC	BTC	BTC	BTC
Lowest Return		EEM	BIL	GLD	BTC	DBC	BIL	BIL	BTC	BIL	DBC	DBC	DBC
% of Asset Classes Positive		65%	94%	41%	65%	41%	100%	100%	6%	100%	88%	94%	94%

GDF Member Survey: 2021 Priorities

Top Priorities Areas for Further Code Development



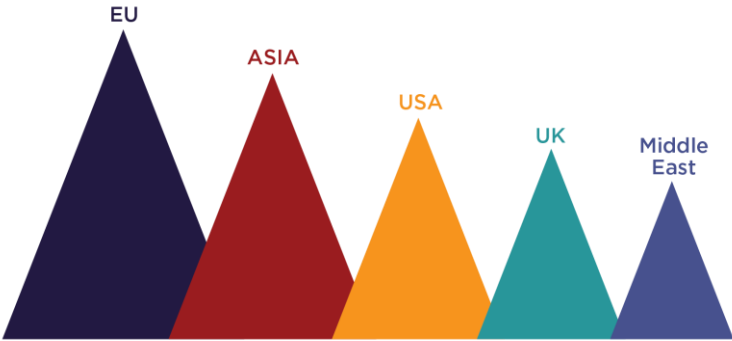
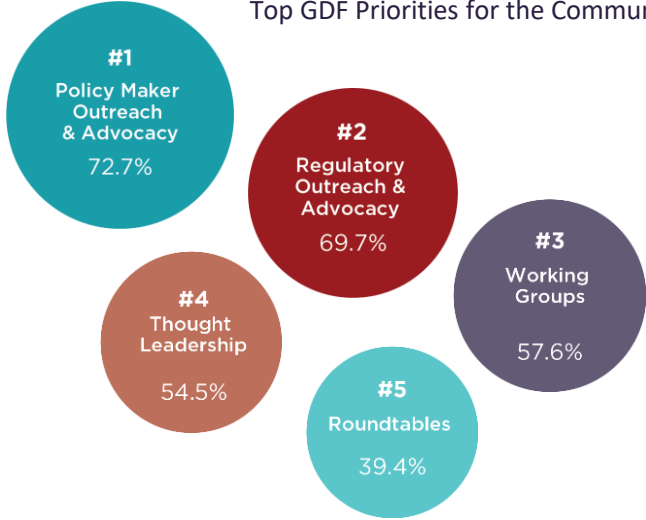
Top Challenges to the Crypto and Digital Asset Sector for 2021



Top 5 Regulatory Challenges



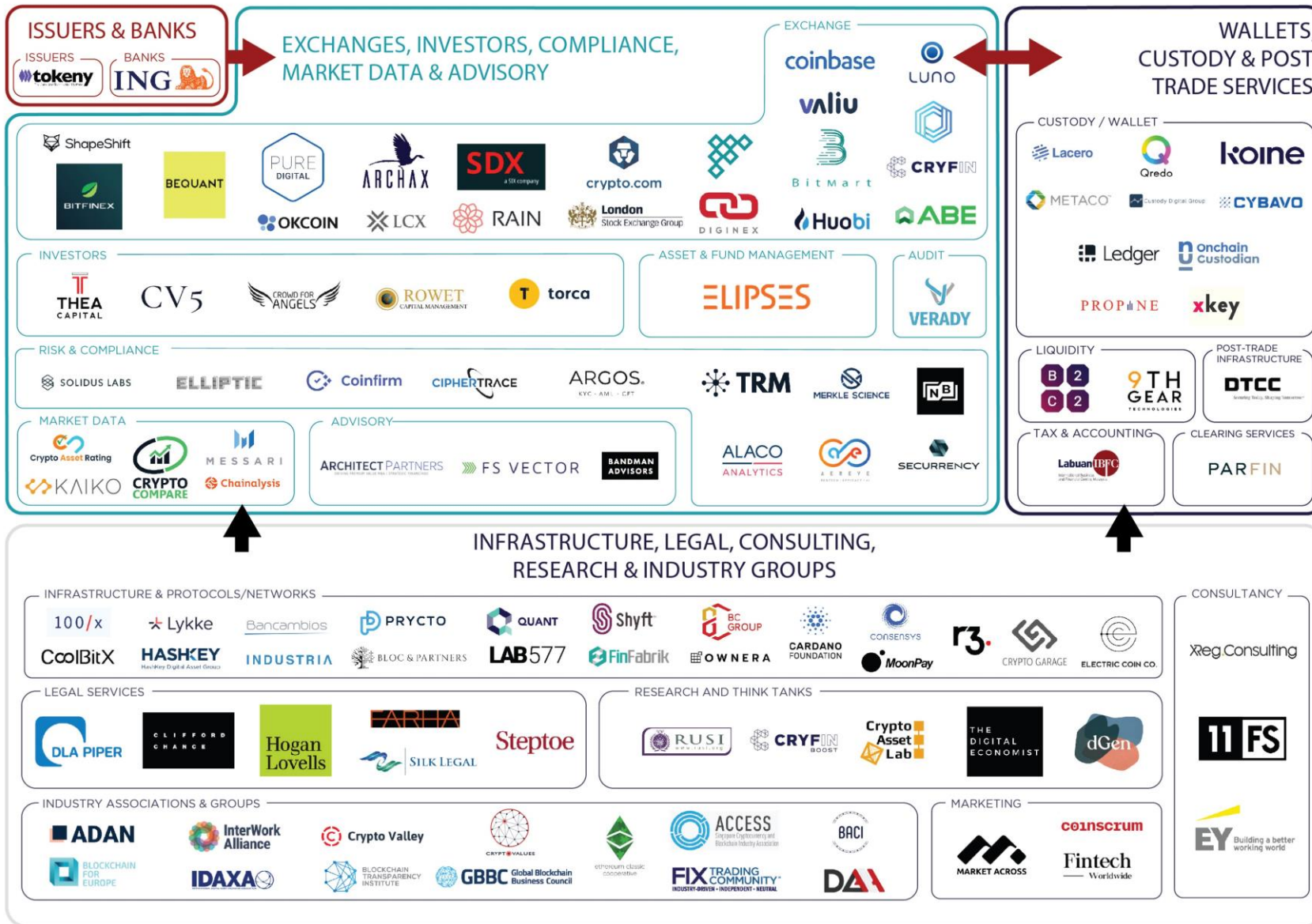
Top GDF Priorities for the Community



Top Jurisdictional Priorities for the Community



Our Members and Partners Landscape



Our Policy Maker and Regulator Community

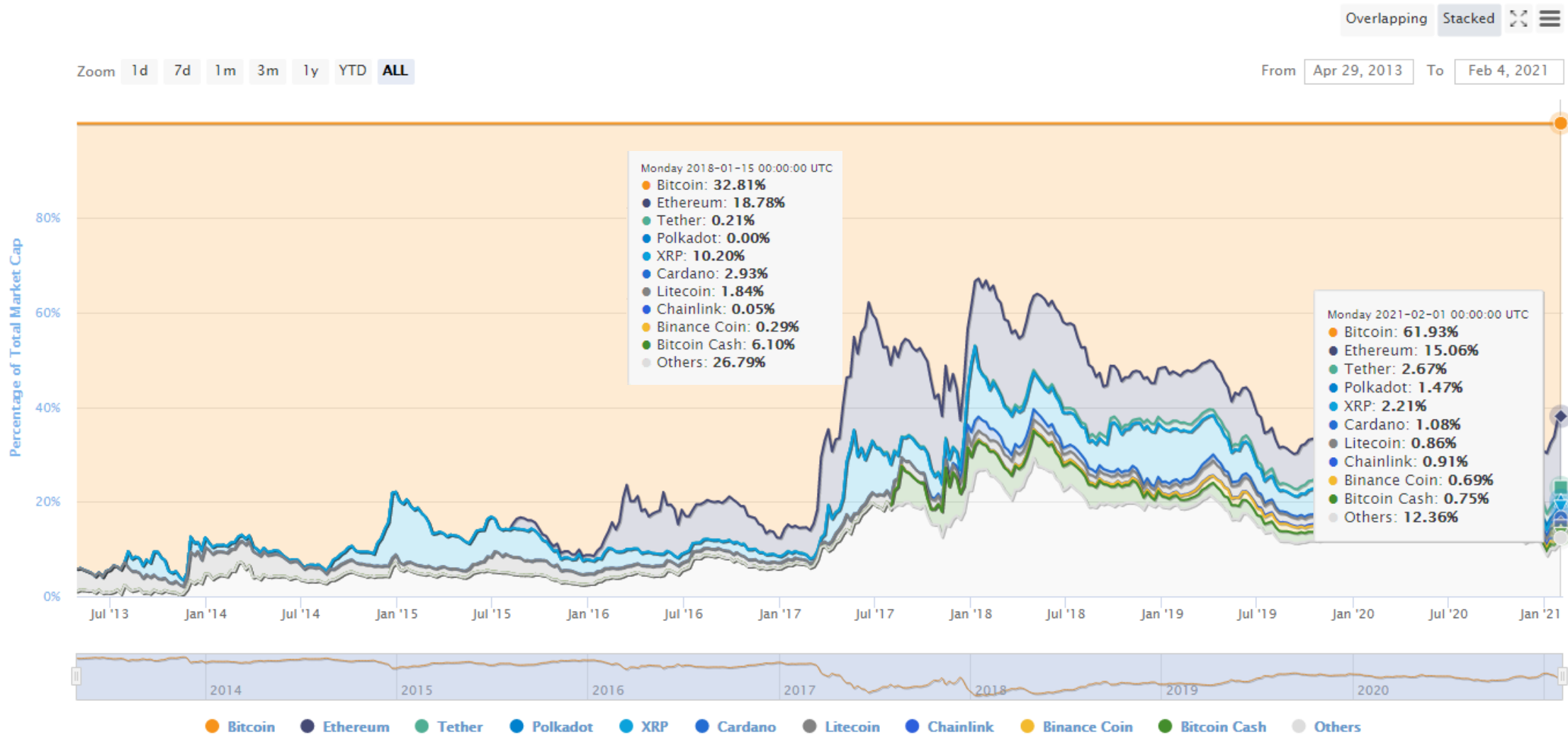
35+

Global Regulators & Policy Makers
Ongoing Outreach



Growing acceptance, but Bitcoin dominance increasing?

Percentage of Total Market Capitalization (Dominance)



TRUST & TRANSPARENCY



SUSTAINABILITY & THE ENVIRONMENT

Annualized Total Footprints

Carbon Footprint

36.95 Mt CO₂



Comparable to the carbon footprint of
New Zealand.

Electrical Energy

77.78 TWh



Comparable to the power
consumption of Chile.

Electronic Waste

11.07 kt



Comparable to the e-waste generation
of Luxembourg.

Single Transaction Footprints

Carbon Footprint

326.30 kgCO₂



Equivalent to the carbon footprint of
723,194 VISA transactions or 54,383
hours of watching Youtube.

Electrical Energy

686.95 kWh



Equivalent to the power consumption
of an average U.S. household over
23.55 days.

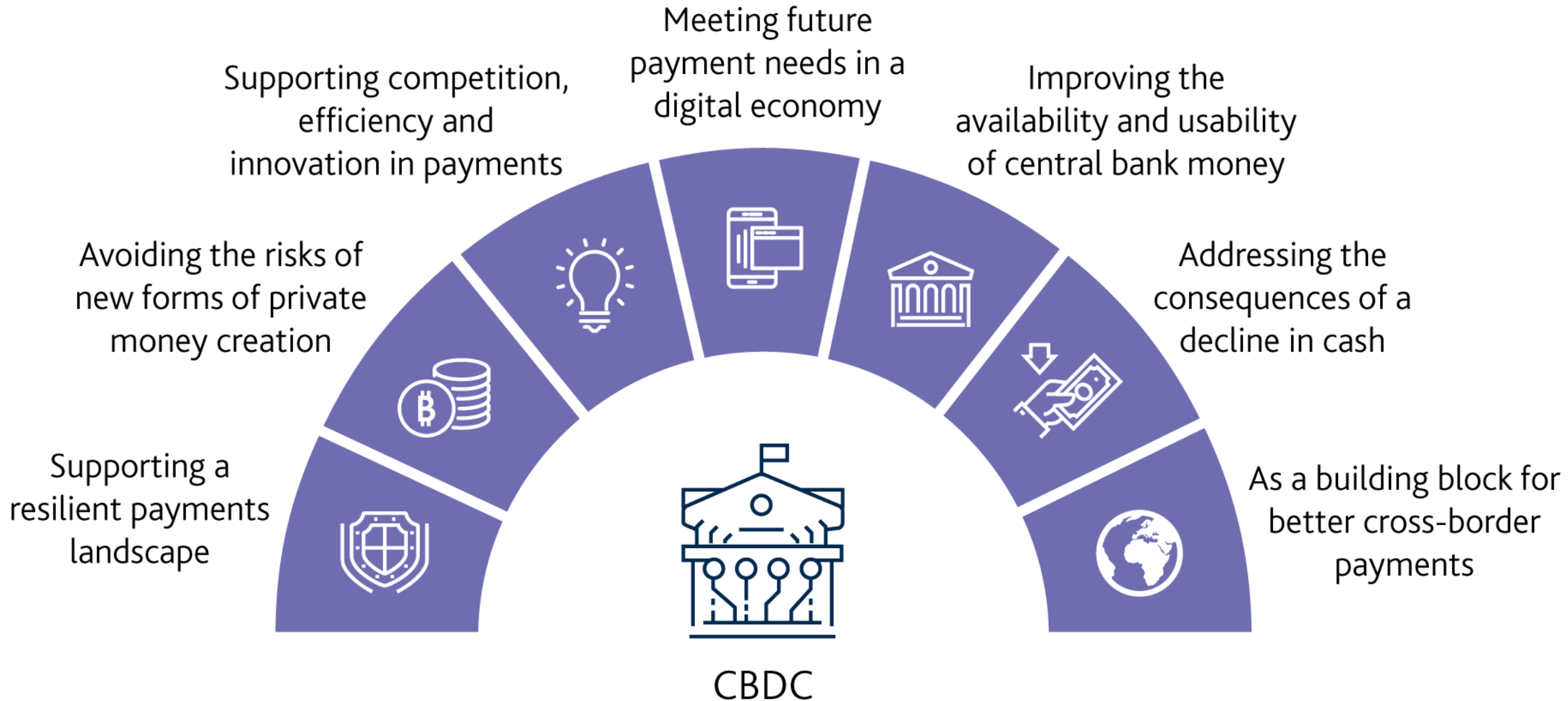
Electronic Waste

97.81 grams



Equivalent to the weight of 1.50 'C'-size
batteries or 2.13 golf balls. (Find more
info on e-waste [here.](#))

CENTRAL BANK DIGITAL CURRENCIES





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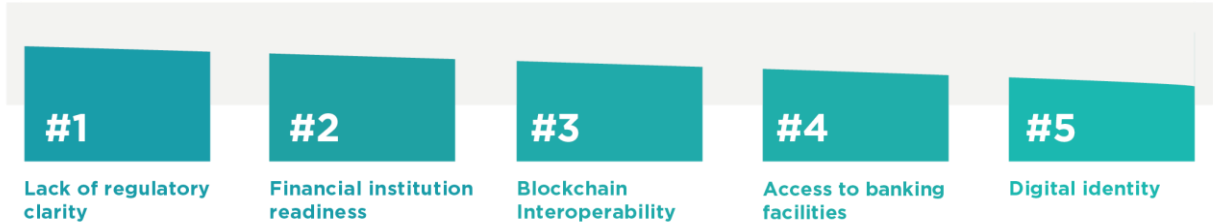
Lawrence Wintermeyer, Executive Co-chair
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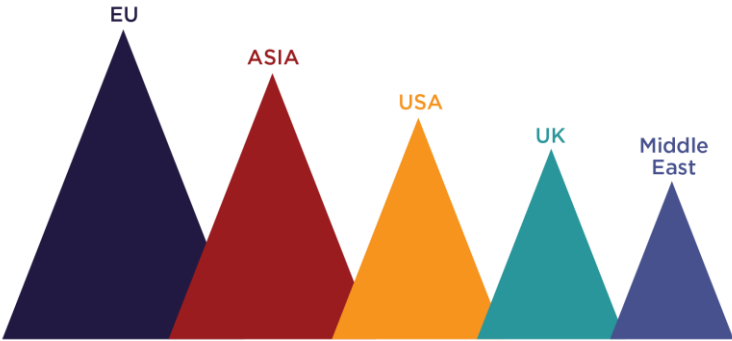
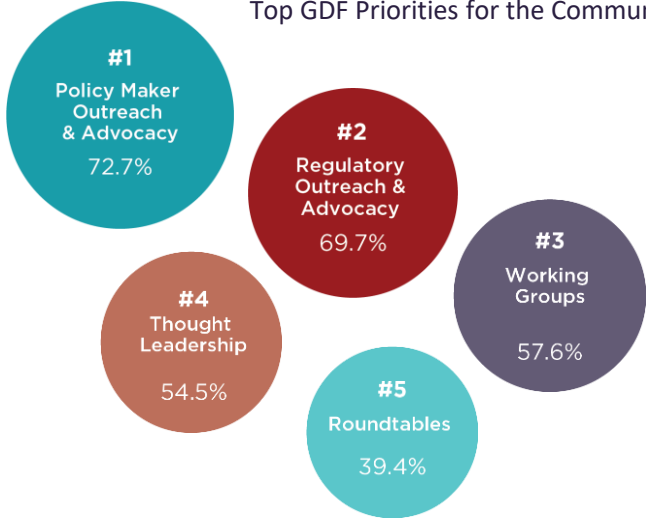
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Top 5 Regulatory Challenges



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QUESTIONS AND ANSWERS



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Forthcoming Events

- Friday 5 Feb (11:00) The Faux Curtain Of Accuracy In Systems That Use Artificial Intelligence (AI)
- Tuesday 9 Feb (09:00) The Tortoise & The Hare – The Continued Importance Of The Bond Market
- Thursday 11 Feb (18:00) "Life Is Wonderful: Mandela's Unsung Heroes" - The Rivonia Trial
- Friday 12 Feb (11:00) Socially Progressive Corporations - The Historic London Rubber Company
- Monday 15 Feb (15:00) The Post Pandemic Office – Legal Rights And Responsibilities
- Tuesday 16 Feb (10:00) Financial Centres Of The World 2021: Focus On Luxembourg

Visit <https://fsclub.zyen.com/events/forthcoming-events/>