

ROUTE CRYPTO LENS

Module 1 - Cryptocurrencies and environmental impact

- MIT_Climate Impact of Bitcoin Mining in the US
- GAMA_Bitcoin and energy in Africa
- Route Crypto Talk_Cryptocurrencies and environmental impact
- Route Crypto Talk_Cambridge Digital Mining Industry Report Report
- In-depth analysis_The direction of Bitcoin mining

Module 2 - MiCA Regulation and Its Specificities

- MiCA Regulation in its essence
- The Advisory service within the MiCA Regulation
- Custody, reception and transmission of orders under the MiCA Regulation
- Electronic Money Tokens
- Route Crypto Talk_The MiCA Regulation and its specificities

Module 3 - Blockchain and the Insurance Industry

- Strategic impact of Blockchain in the insurance sector
- Advantages of Blockchain for the insurance sector
- Practical applications of Blockchain in the insurance sector
- Regulatory Situation
- Critical aspects and risks
- Potential evolutions
- Case Studies
- Impact on major Insurance Companies
- Route Crypto Talk_Blockchain and the insurance industry

Module 4 - Stablecoins: opportunities, risks, development, market

- The concept of Stablecoins
- Types of Stablecoins
- Applications of Stablecoins
- The risks of Stablecoins
- Regulations on Stablecoins
- The Stablecoin Market
- Trading Volumes and Systemic Importance
- Route Crypto Talk_Stablecoins: opportunities, risks, development, market

Module 5 - Halving, Bitcoin's monetary policy

- The concept of Halving
- How Halving Works
- The concept of Security Budget
- Halving and its impact on miners
- Halving and its impact on the price of Bitcoin
- Sustainability of the model and scenarios
- Route Crypto Talk_Halving, Bitcoin's monetary policy

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Module 6 - Central Bank Digital Currencies: problem or solution?

- What are Central Bank Digital Currencies?
- The advantages of CBDCs
- The Risks of CBDCs
- Central Bank Activities on CBDCs
- Digital Euro
- Digital Swiss Franc
- Digital Pound
- Digital Dollar
- Route Crypto Talk_Central Bank Digital Currencies: Problem or Solution?

Module 7 - Blockchain and impact on the Supply Chain

- Blockchain beyond cryptocurrencies
- The role of Blockchain in Supply Chain security
- The role of Blockchain in Supply Chain efficiency
- Limitations and adoption
- Future prospects and trends
- Appendix: The main Supply Chain protocols
- Case Study_The combination with Artificial Intelligence
- Corporate Case Studies
- Route Crypto Talk_Blockchain and impact on the Supply Chain

Module 8 - Decentralized Autonomous Organization, a new governance model

- The Concept of Decentralized Autonomous Organizations
- How a DAO works
- The Regulatory Approach to the Concept of DAOs
- DAOs and public applications
- The Future of DAOs
- Decentralized Physical Infrastructure Network: Practical Applications and Relationships with DAOs
- Case Study_MakerDAO, the decentralized stablecoin
- Case Study_The Maker DAO Revolution
- Adaptation of DAOs to the market context
- Legal Infrastructure and Sustainability of DAOs
- Route Crypto Talk_Decentralized Autonomous Organization, a new governance model

Module 9 - Scalability and Security:

- The blockchain trilemma
- Block size and frequency
- Transaction costs on the blockchain
- Scalability Solutions on Bitcoin
- Ethereum Layer 2
- Other scalability solutions
- Scalability and Decentralization: a Complex Balance
- Blockchain Adaptability
- Scalability and Impacts on Sustainability
- Scalability and Interoperability
- Cross-chain bridges and standardization
- Implications and Developments of Interoperability
- Route Crypto Talk_Scalability and security, a hurdle to adoption

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Module 10 - Blockchain and Artificial Intelligence: a new frontier?

- Is the true technological revolution coming?
- Points of convergence between Blockchain and Artificial Intelligence
- Practical Applications and Use Cases
- Regulatory challenges and associated risks
- The Artificial Intelligence token market
- Developments and emerging trends
- Blockchain and AI, a continuous development
- Case Study_The integration between AI Agents and Blockchain
- Case Study_DeFAI: A New Model for On-Chain Finance
- Case Study_The potential evolution of DeFAI
- Appendix_The main AI protocols
- Route Crypto Talk_Blockchain and Artificial Intelligence, a new frontier?

Module 11 - Value Investing and Digital Assets

- The Concept of Value Investing
- Key Metrics in Fundamental Analysis of Cryptocurrencies
- Value Investing Strategy
- Risk Assessment and Mitigation Strategies
- Case Study_Ethereum and DApps
- Case Study_Chainlink and Oracles
- Case Study_Bridges and Interoperability
- Route Crypto Talk_Value Investing and Digital Assets

Module 12 - The evolution of Decentralized Finance

- The evolution of decentralized finance
- The evolution of DeFi products
- Regulatory Context
- Innovations and Emerging Trends in DeFi
- Decentralized Finance Market
- Liquid Staking: The Flagship Product of DeFi
- Evolution of Liquidity Pools
- Route Crypto Talk_The Evolution of Decentralized Finance