

Badge 3 Blockchain, Cryptocurrencies and Real Economy

Chapter 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

Chapter 2 - Real World Assets and Tokenization

- What are Real World Assets?
- Tokenization
- Types of Real World Assets
- The Real World Asset Market
- Regulations on Real World Assets
- Future scenarios for real-world assets
- Case Study_The Development of Tokenization in the Financial Sector
- Case Study_The tokenization of treasury bills
- Case Study_The Tokenization of Real Estate
- Case Study_The tokenization of precious metals
- Case Study_The tokenization of renewable energy
- Appendix - The main RWA protocols
- Route Crypto Talk_Real World Assets and tokenization

Chapter 3 - Blockchain and ESG aspects

- Tokenization and ESG
- Tokenization of Carbon Credits
- Agriculture and Tokenization
- Tokenization and Philanthropy
- Tokenization of ESG Financial Assets
- Future Evolution and Challenges
- Blockchain and Human Rights
- Case Study_Blockchain and the Circular Economy
- Case Study_Tokenization of Water Resources
- Case Study_Tokenization of Biodiversity
- Case Study_Blockchain and Green Financing
- Appendix: The main ESG protocols
- Route Crypto Talk_Blockchain and ESG aspects

Chapter 4 - 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 developments
- Case Studies
- Impact on Major Insurance Companies
- Route Crypto Talk_Blockchain and the Insurance Industry

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Chapter 5 - Blockchain and its 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 its impact on the Supply Chain

Chapter 6 - Blockchain and Artificial Intelligence: a new frontier?

- Is the real technological revolution coming?
- Points of convergence between Blockchain and Artificial Intelligence
- Practical Applications and Use Cases
- Regulatory Challenges and Related Risks
- The Artificial Intelligence Token Market
- Emerging developments and trends
- Blockchain and AI, continuous development
- Case Study_The Integration of 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?

Chapter 7 - Blockchain and Education

- Educational Context and Current Challenges
- Blockchain and Academic Certifications
- Professional Training and Blockchain
- Swiss Context
- Italian Context
- Academic Security: Plagiarism and Counterfeiting
- Major International Projects and Best Practices
- Route Crypto Talk_Blockchain and education

Chapter 8 - Blockchain and Accounting Systems

- Blockchain, Balance Sheets, and Income Statements
- Blockchain and Tax Reporting
- Influence of Blockchain on Audit Systems
- Application of Blockchain in Private Sector Accounting
- Application of Blockchain in Public Sector Accounting
- Critical Issues and Potential Developments
- Route Crypto Talk_Blockchain and Accounting Systems

Chapter 9 - Blockchain and Internal and External Audit Systems

- Blockchain and Internal Auditing: Opportunities and Benefits
- Blockchain and External Auditing: Transparency and Stakeholder Trust
- Future Prospects: Blockchain and Innovation in Auditing
- Case Study_ Real Applications of Blockchain in Internal and External Auditing
- Route Crypto Talk_Blockchain and audit systems