

# Nové digitální technologie : potenciál pro udržitelný rozvoj

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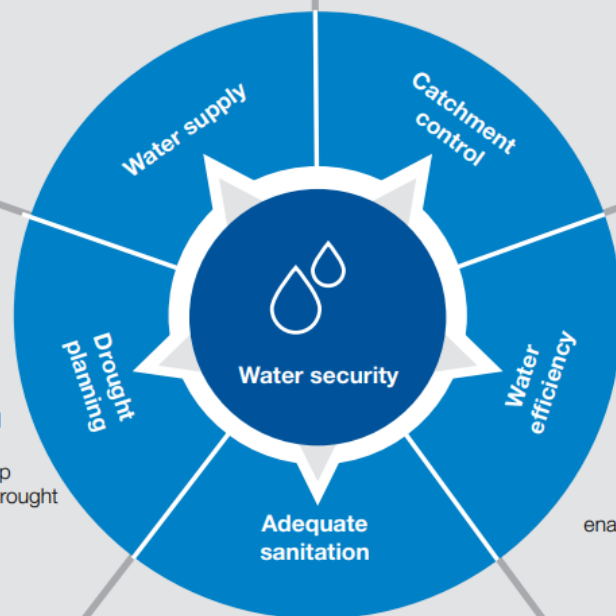




## Water security

Water monitoring and management  
Micropayments for water meter donations

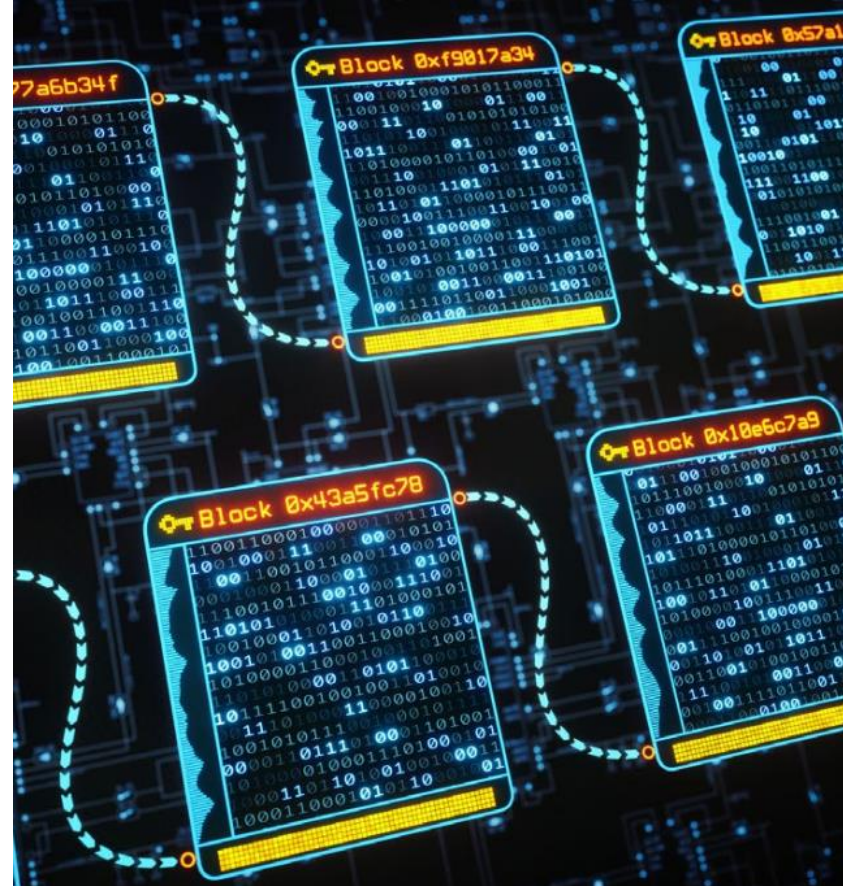
- Decentralized, catchment approach to improving water
- Water quality catchment



Precipitation intensity monitoring and forecasting  
Automated crop insurance for drought periods

- Asset-backed token system for clean, accessible drinking water
- Hyperlocal water data for monitoring water quality
- Efficient water treatment systems

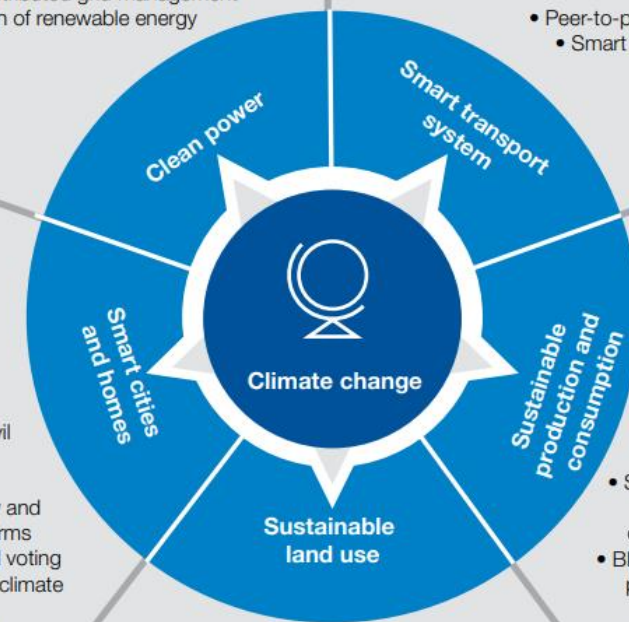
- Blockchain-enabled smart



## Climate change

Peer-to-peer renewable energy-trading systems  
Sale for renewable energy investment  
Decentralized distributed grid management  
Verification of renewable energy assets

- Data ledger for optimized transport logistics
- Blockchain-based decentralized delivery network
- Peer-to-peer vehicle sharing
- Smart parking system for optimized mobility management



Blockchain-enabled smart land, state, civil services  
Loyalty and platforms for digital voting systems for climate

Paperless transactions

- Blockchain-enabled sustainable mining
- Automation of data collection and management for better sustainability accounting
- Financing sustainable land use

- Ledger for carbon collection and verification
- ESG data collection from distributed sensors
- Blockchain-powered platform for carbon offsetting
- Waste-to-energy blockchain solutions

# BLOCKCHAIN (aneb po česku bločenka)



### Supply chain

Blockchain transforms supply chain networks in chemicals and petroleum industry

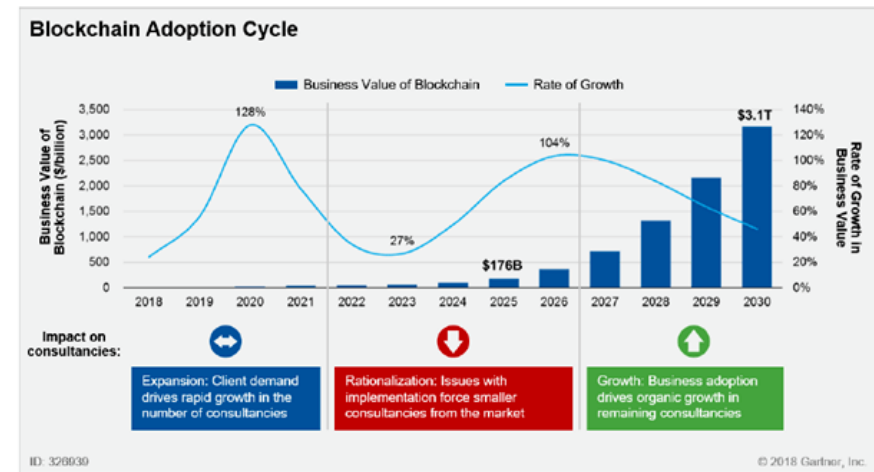
[PDF Read the white paper \(923KB\)](#)



### Supply chain

Blockchain for electronics: taming complexity with better supply chain visibility

[PDF Read the white paper \(1.9MB\)](#)



Note: Blockchain forecast data taken from "Forecast: Blockchain Business Value, Worldwide, 2017-2030."

Source: Gartner (March 2018)

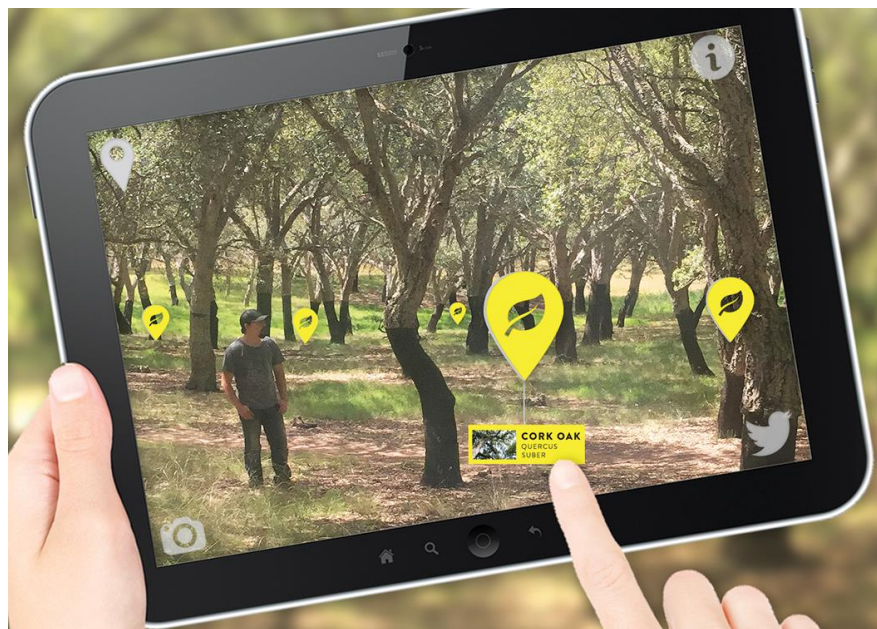


### Food safety and traceability

IBM announces major blockchain collaboration for food safety

[→ Read the press release](#)





# VYLEPŠENÁ PŘÍRODNÍ REALITA





# VIRTUÁLNÍ REALITA

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