



**OST**

Eastern Switzerland  
University of Applied Sciences

# Distributed Systems & Blockchain

**In the news**

Thomas Bocek

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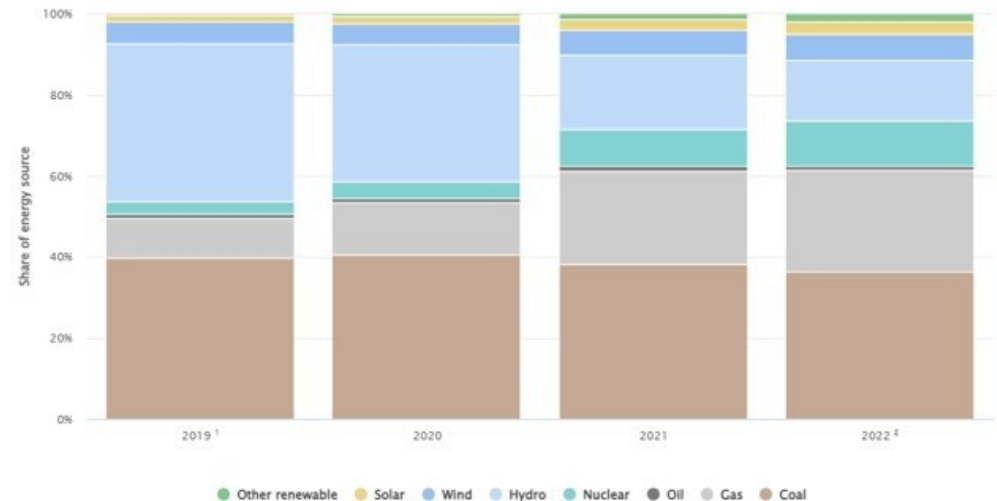
# Distributed Systems & Blockchain in the News

- 24.09.2022: Lessons from a Professional Password Cracker [[link](#)]
  - “The most important feature of a strong password these days, he said, was uniqueness—having a different password for each account.”
  - “Typically, the passwords that we can crack aren’t the ones that are generated by machines.”
  - “Most passwords are stolen in plain text, not from these hashed databases that people like me try to crack.”
- 29.09.2022: A message about Stadia and our long term streaming strategy [[link](#)]
  - Google Stadia: streaming games, 3D rendered in the cloud, image sent via network
  - Can be played on low cost devices, needs fast Internet
  - Critique [[link](#)]
    - “no one trusted them to keep it alive longer than a year or two”
    - “it hasn’t gained the traction with users that we expected”
    - “A huge, huge proportion of gamers who want to play the latest hit, say Deathloop, will already have either a console, a gaming PC, or both.” [[link](#)]
  - E-waste [[link](#)]: bluetooth not enabled

# Distributed Systems & Blockchain in the News

- 27.09.2022: Bankrupt crypto lender Voyager to sell assets to Sam Bankman-Fried's FTX for \$1.4 billion [\[link\]](#)
  - Crypto lender Voyager went bankrupt as its biggest customer Three Arrows went bankrupt (Terra/Luna) [\[link\]](#) focus on investments in cryptocurrencies – Aave, Avalanche and Luna, BlockFi, Ethereum, Polkadot, Solana
  - \$1.3b for fair market value + 0.1 extra
  - Sam Bankman-Fried on a shopping spree
- 27.09.2022: Report: Korean authorities order freeze of \$67M of Bitcoin tied to Do Kwon [\[link\]](#)
  - 3,313 BTC was then transferred to KuCoin and OKX
  - Kwon said he used all funds to defend UST
- 27.09.2022: A deep dive into Bitcoin's environmental impact [\[link\]](#)
  - 48.35 MtCO<sub>2</sub>e represents approximately 0.10% of global greenhouse gas emissions
  - Gold mining (100.4 MtCO<sub>2</sub>e)

Bitcoin electricity consumption by source (yearly)



1. From September 1st 2019.

2. Based on latest Mining Map update.