

# CRYPTOEURO

## RESEARCH PROJECT

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# CRYPTOCURRENCY

## AS EVERYBODY KNOWS IT



Cryptocurrencies are **digital money** empowered with **cryptographic security**. Unlike fiat money, users are able to exchange this kind of asset **without relying on trusted third parties**; every exchange occurs according to **open-source** software rules and adds up to a **publicly verifiable ledger of transactions**.

### SOME WELL KNOWN FEATURES

 DECENTRALIZED AND P2P MONEY

 LIMITED MONETARY POLICY

 HIGH VOLATILITY

 FRAGMENTARY REGULATIONS

 LOW ACCESSIBILITY



# CRYPTOCURRENCY

## INNOVATIVE FEATURES UNDER THE HOOD

### INNOVATIVE (AND VERY USEFUL!!) FEATURES FOR PAYMENTS



#### PROGRAMMABLE MONEY



Cryptocurrencies let bind transaction execution to a pre-defined set of rules



#### SPLIT TRANSACTION



Cryptocurrency transaction can source coins from multiple accounts and route them potentially towards different receivers



#### AUDITABILITY

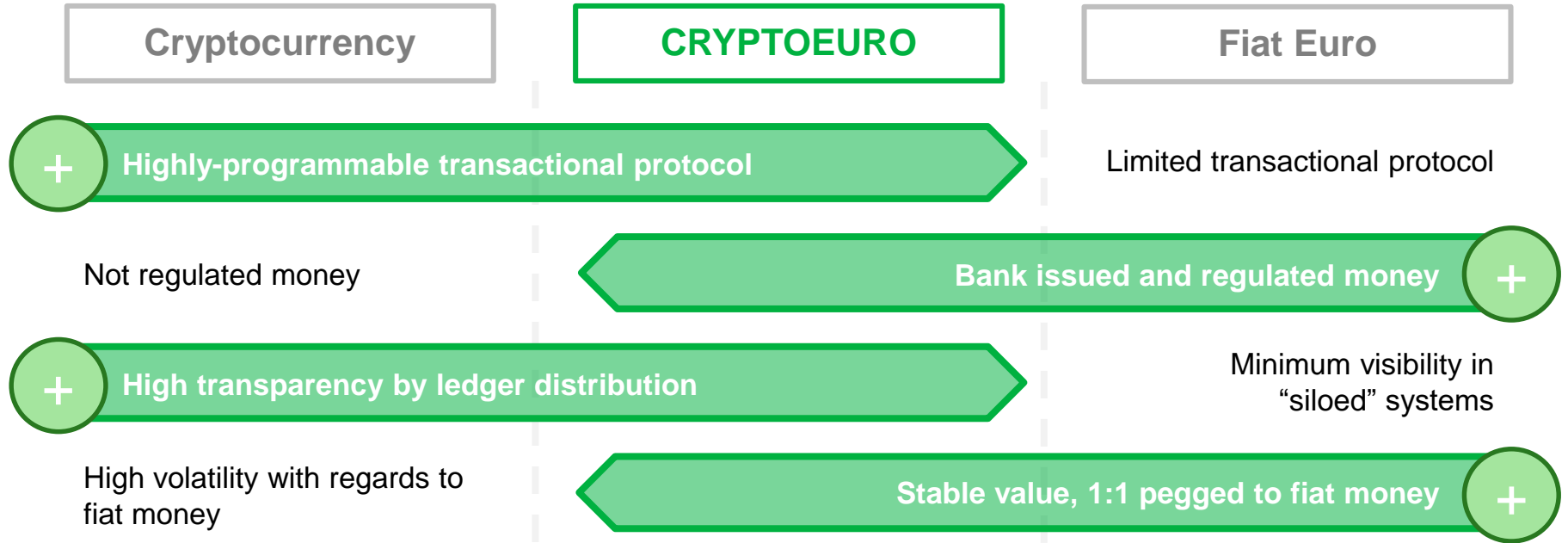


Here all transactions build up a shared ledger, which is append-only and potentially auditable by third parties



# CRYPTOEURO

## TRADING-OFF CRYPTOCURRENCY AND FIAT MONEY



# CENTRAL BANKS OUTLOOK

## ON “OFFICIAL” CRYPTOCURRENCY



- 10 cryptocurrency projects
- 7 distributed ledger initiatives for interbank transfers
- 9 research initiatives on possible blockchain applications



# RESEARCH PROJECT

## OBJECTIVES AND PARTICIPANTS

This research project aims at:

- **Identifying all kinds of benefits** (tangible and intangibles) which a regulated fiat cryptocurrency could generate in comparison with the as-is situation – i.e. traditional payment systems.
- **Estimating and quantifying tangible benefits** in some vertical application areas as concerns the three analysis layers.

### PROJECT MEMBERS



# BENEFITS FOR INDUSTRY

## RESEARCH FOCUS

How real business could benefit from Cryptoeuro adoption in:

### INSURANCE



### ENERGY



### BANKING



# AND FOR SOCIAL GOOD?



PROGRAMMABLE  
MONEY



SPLIT  
TRANSACTION



AUDITABILITY



SOCIAL CARD



CHARITY  
PROGRAM



PUBLIC FUNDING



*OTHER IDEAS*





# THANK YOU

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