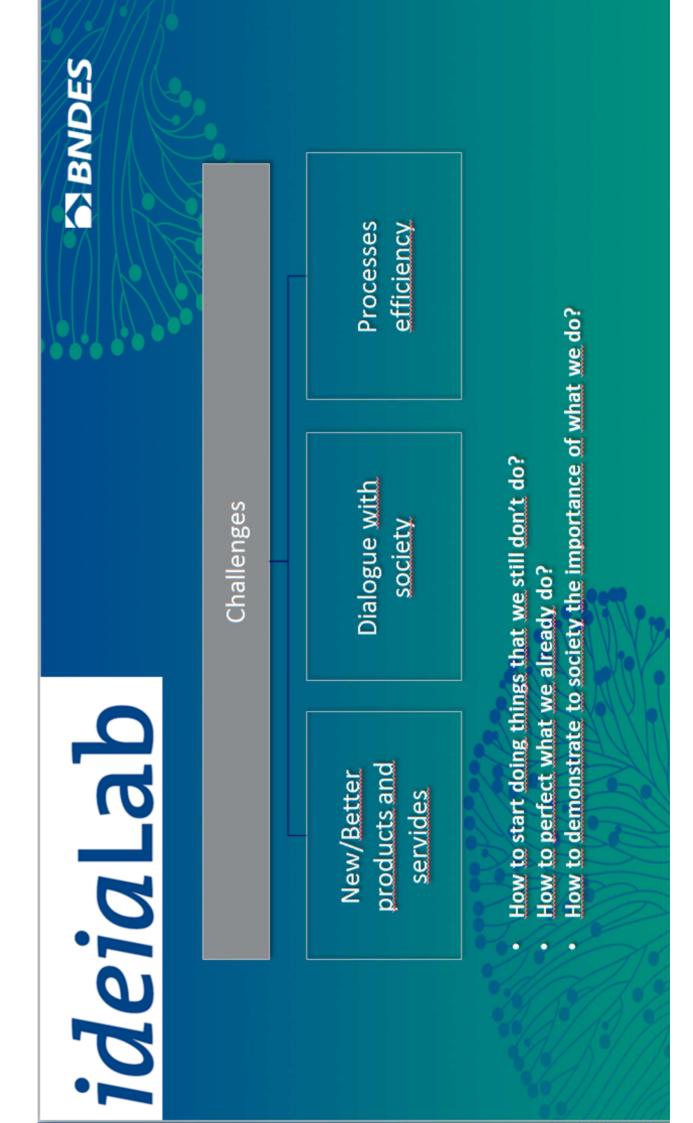


## **Brazil Blockchain Network (RBB)**

## A Public Permissioned Blockchain for Public Value and Trust

Set 2024





## An Implosion of Trust







Corruption concerned respondents



Degree of trust in government

26<sup>ª</sup> position among 28 countries

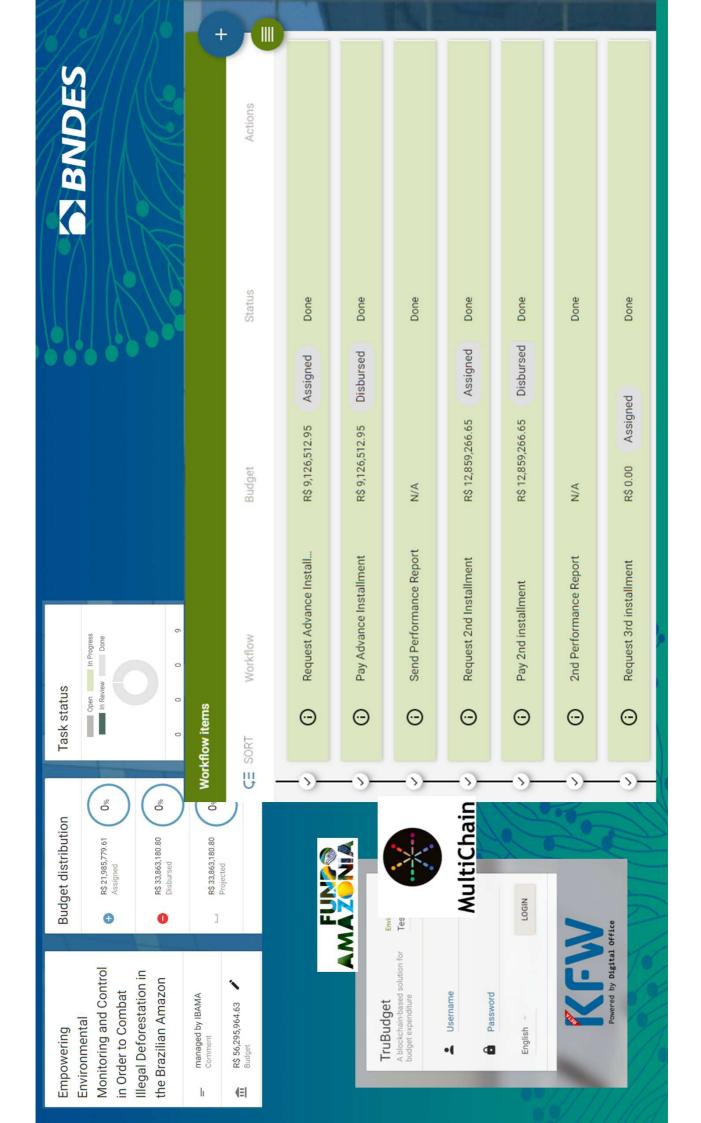
Confidence arrives on foot and leaves in a Ferrari. Mark Carney, former governor of the Bank of England

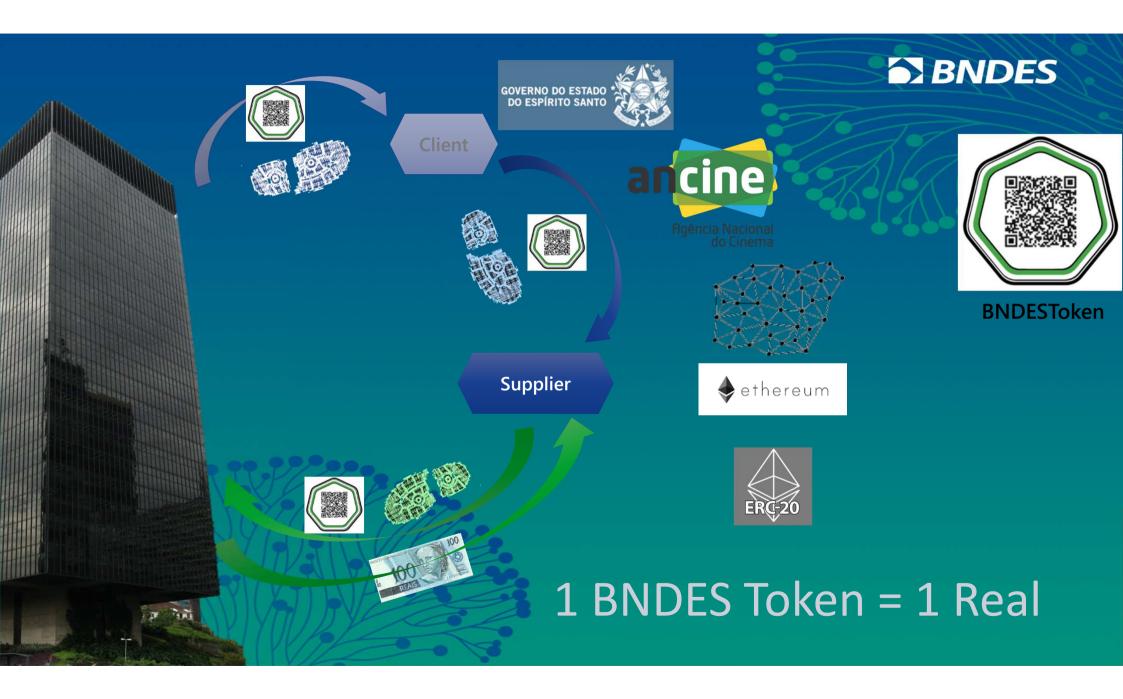


What does blockchain have to do with it?

# Trustless Trust









#### Rede Blockchain Brasil (RBB): Origins

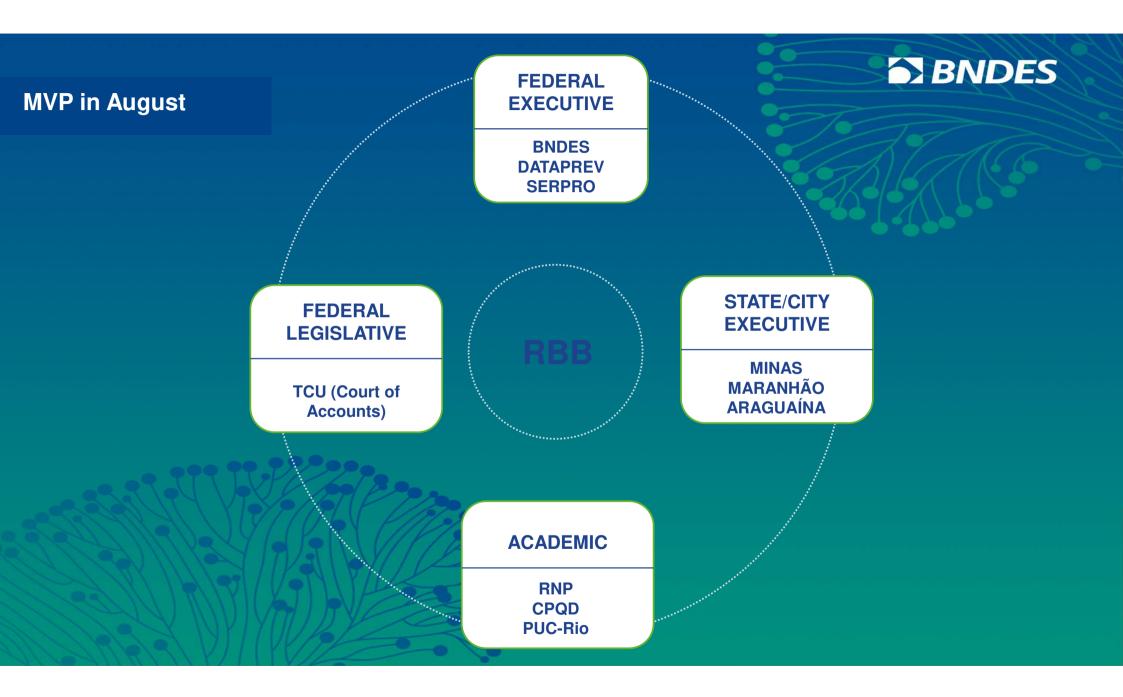


#### **Rede Blockchain Brasil (RBB)**



hso.com

**BNDES** 



**RBB** Purposes



# Public Interest Inovation

#### **RBB** Purpose





#### AGREEMENT

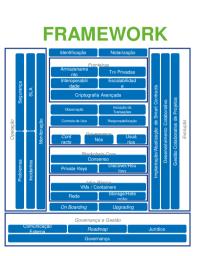
BNDES

#### THERMAL DE CONTAS DA UNIÃO Classificação: Documento Osternovo Unidade General A TOPORTAL A GOVUTEREO



O BANCO NACIONAL DE DESENVOLVIMENTO ECONÒMICO SOCIAL (BNDES), tratgeres pública lederat, teopta públi Lei nº 5 00%, de 21 de jarino de 10°1, com a denominação es avropos no Ro de Jameiro E Stato do Rois du Jameiro, na Antenda Resplato da Coltur, nº 100, Centro, neorito no CNPI subo nº 33.05°7 246/000-169, dosmatel denominado samplesmente BNDEs, mole de norgenerativados de seu Estatudo Social; e

O TRIBUNAL DE CONTAS DA UNIÃO, com sede em Brasilia, Distrito Federal, no de Administração Federal Sul, Quadra 4, Lote 1, inscrito no CNP1 sob o nº 00.414.607/000-116, doravande doraminado arreljeramente TCU, necia da representando palas sua Presidente, Ministin Ana Arrano, continem edução realizada no da 11º12/2021, consegnada na Rua Ar-1CU Premaro, publicada mo 2001 de 201/22/201, Sopilo 1, e



#### **COLLABORATIVE INITIATIVES**

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#### GOVERNANCE

Regulation: Decisions, voting etc Executive Committee Drivers, resources Technical Committee Technical steering, high level operation

#### **OPERATIONS PROTOCOL**

#### Manual de Operações da Rede Blockchain Brasil

#### 1. OBJETIVOS

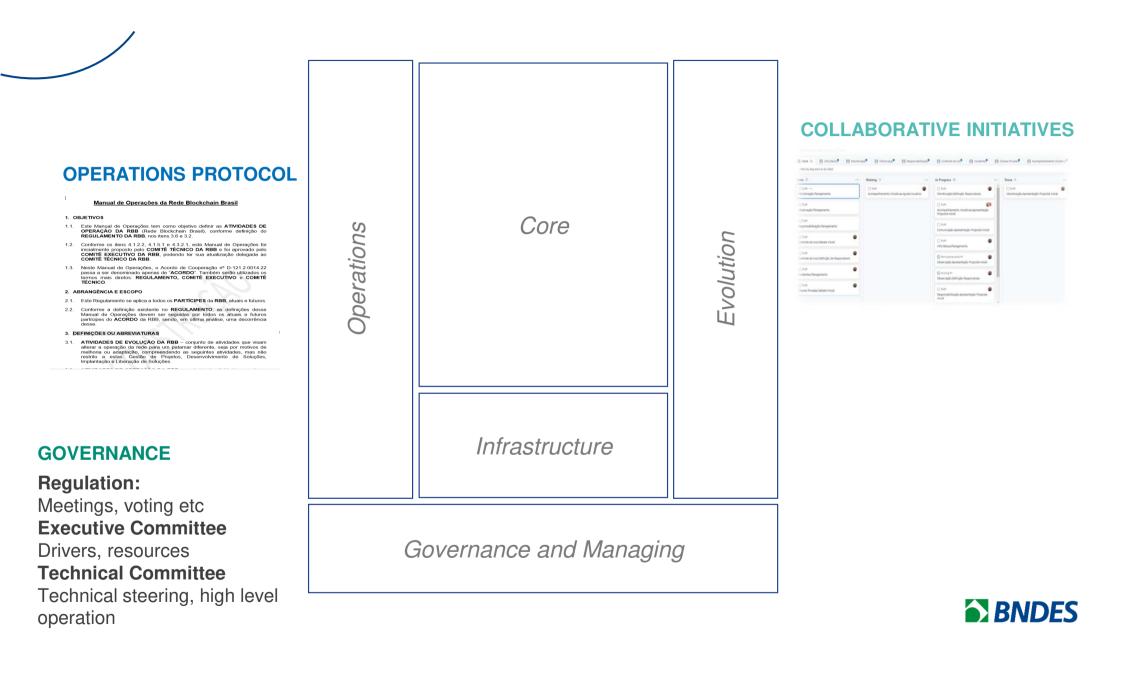
- 1.1. Este Manual de Operações tem como objetivo definir as ATIVIDADES DE OPERAÇÃO DA RBB (Rede Blockchain Brasil), conforme definição do REGULAMENTO DA RBB, nos itens 3.6 e 3.2.
- Conforme os tens 4.1.2.2, 4.1.5.1.e. 4.3.2.1, este Manual de Operações foi incialmente proposto pelo COMITÉ TÉCNICO DA RBB e foi aprovado pelo COMITÉ EXECUTIVO DA RBB, podendo ter sua atualização delegada ao COMITÉ TÉCNICO DA RBB.
- Neste Menual de Operações, o Acordo de Cooperação nº D-121.2.0014.22 passa a ser denominado apenas de "ACORDO". Também serão utilizados os termos mais diretos: REGULAMENTO, COMITÉ EXECUTIVO e COMITÉ TECNICO.

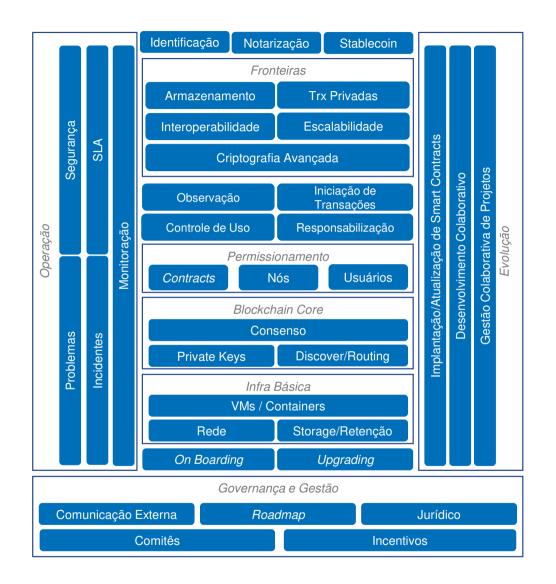
#### 2. ABRANGÊNCIA E ESCOPO

 Este Regulamento se aplica a todos os PARTICIPES da RBB, atuais e futuros.
Conforme a definição existente no REGULAMENTO, as definições desse Manual de Operações devem ser seguidas por todos os atuais e futuros participes do ACORDO da RBB, sendo, em última análise, uma decorrência desse.

#### 3. DEFINIÇÕES OU ABREVIATURAS

 A TIVIDADES DE EVOLUÇÃO DA RBB – conjunto de atividades que visam alterar a operação da rede para um patamar diferente, seja por motivos de methoria ou adaptiçõe, compresendando es seguintes atividades, mas não methoria ou adaptiçõe, compresendando es seguintes atividades, mas não implantação e Liberação de Soluções.







#### **Technical Highlights**

LFDT Besu, EVM compatible public and permissioned client (same as Brazil CBDC – DREX).



Anyone can audit the ledger without permissioning or identification. Just run a node and connect.





No crypto needed to pay the transactions. "Gasless" network.

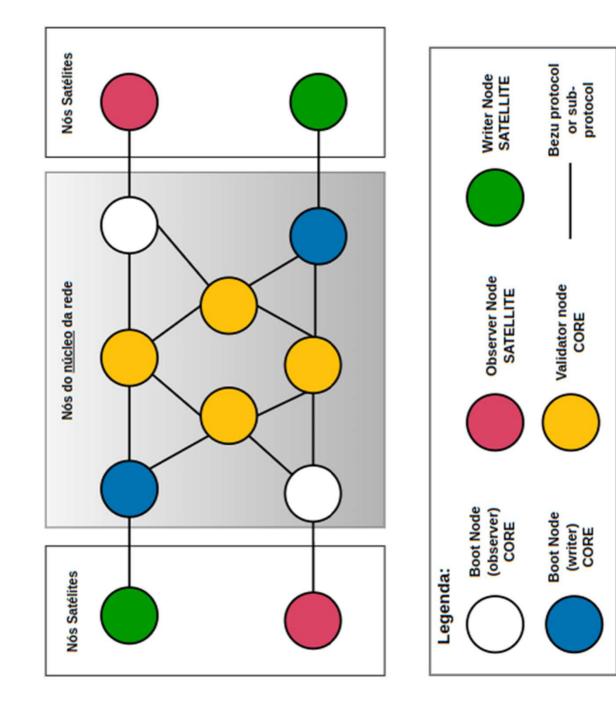
Decentralized network governance and operation.



Incentive to the participants is to have a share of the gas of the network.

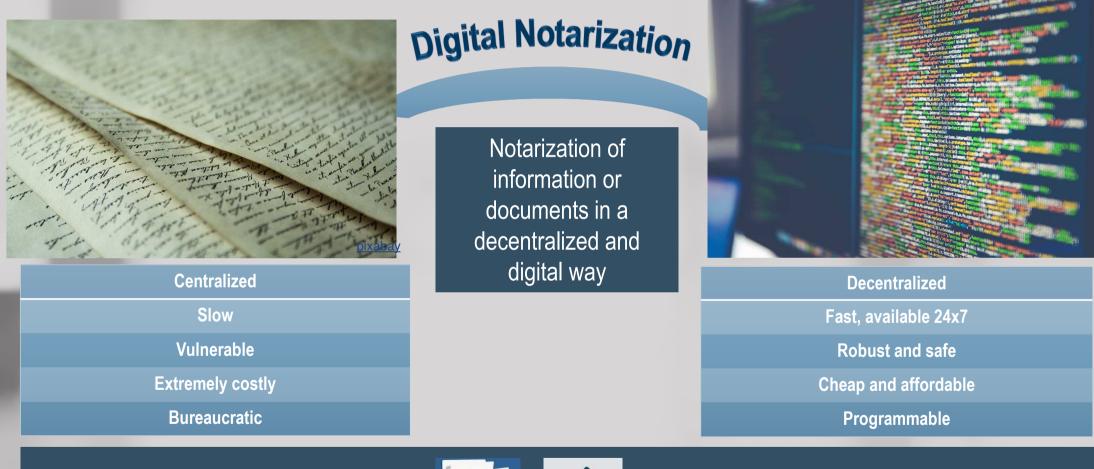






#### Ensuring true public trust in documents efficiently and cost-effectively

### **BNDES**



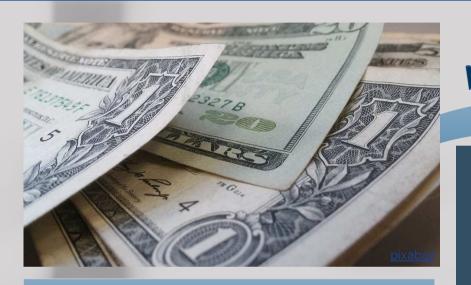
Documents and information to be notarized



Digital Authentication powered by Brazil Blockchain Network

#### Demonstrate the destination of public spending efficiently and cheaply

#### **BNDES**



Opaque

Slow

Dependent on third parties

Costly and time-consuming conciliations

Bureaucratic

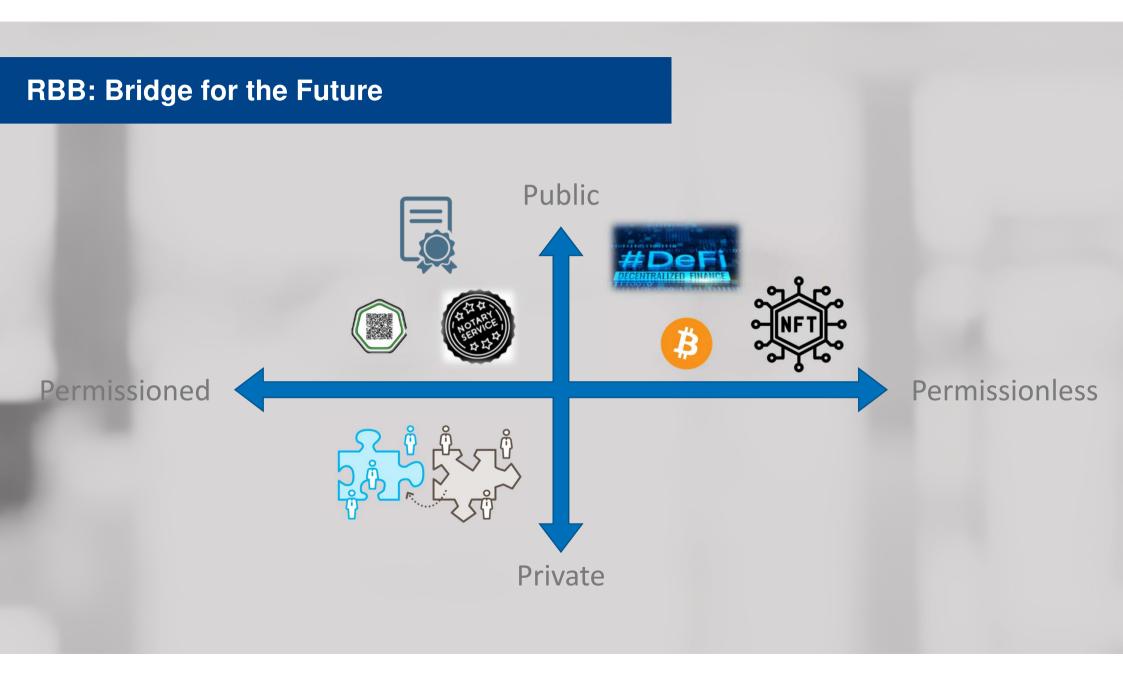
## Transparent public spending

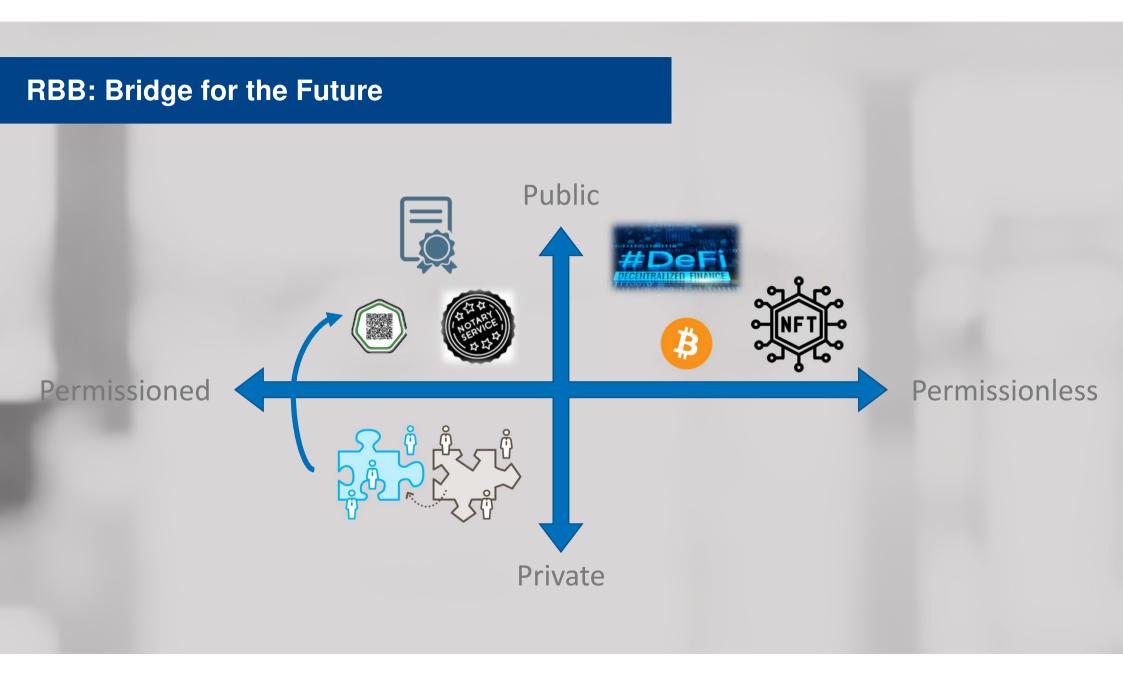
Digital currency for government use, backed by traditional assets, which maintains parity with fiat currency



#### Transparent Fast, available 24x7 Disintermediable Easily auditable Compliant by design

GovToken	Vouchers	Tax incentives	Payments	Income transfer	
Mandatory transfers		Agreements	Transfers		Open Public Accounting powered by Brazil Blockchain Network





#### **RBB: Bridge for the Future**



## An Implosion of Trust







Corruption concerned respondents



Degree of trust in government

26<sup>ª</sup> position among 28 countries

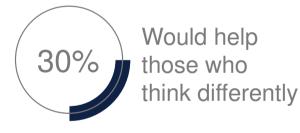
Confidence arrives on foot and leaves in a Ferrari. Mark Carney, former governor of the Bank of England



Distrust

## Navigating the Polarization







Would live in the same neighborhood 26ª posição de 28 países pesquisados

"Without intervention, we will see a continued move from a crisis of institutional trust to a crisis of interpersonal trust".





# 1450 Gutenberg



# 1989 Sir Tim Berners Lee



## Dematerializing





#### Disruptions on their way...



MUSIC



MEDIA AND PRESS



TRANSPORT



TURISM



FINANCE



HEALTH



#### LIBERAL DEMOCRACY?

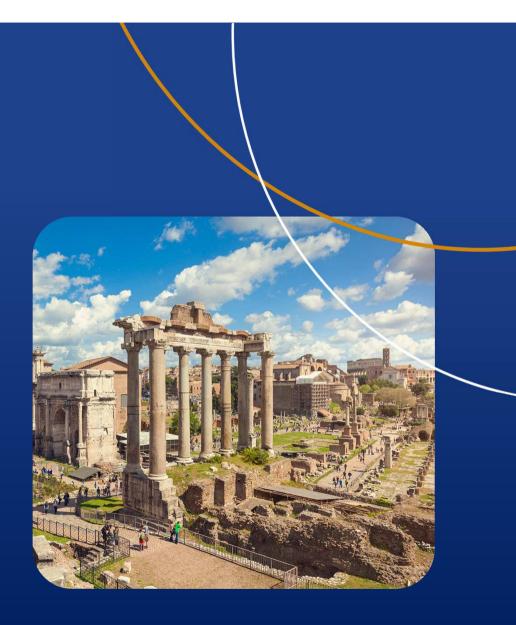


#### Decentralization



#### **Decentralization: Fragmentation x Resilience**

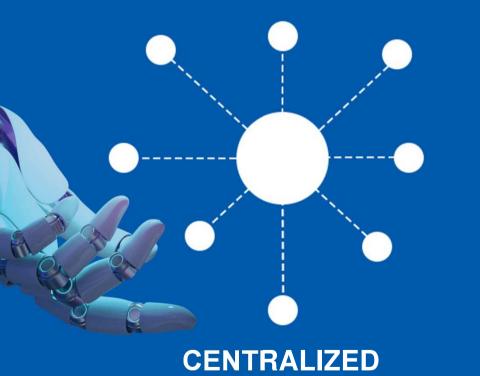






## New Challenges Data Tyrants

# Information Processing in Societies



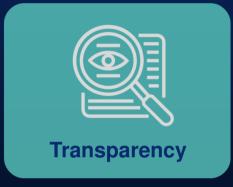


## Thecno Feudalism

#### More than Technology: Mindset











## deAl as a Mediator



AI STEVE - YOUR INDEPENDENT CANDIDATE FOR BRIGHTON PAVILION VOTE ALSTEVE - YOUR INDEPENDENT CANDIDATE FOR BRIGHTON PAVILION The only candidate who can have a conversation with 45,000 constitute

The only candidate who can have a conversation with 45,000 constituents at the same time and form policies based on what's just been discussed. This is democracy reinvented.

#### Blockchain



## AI + BLOCKCHAIN = Crypto Iluminism

# Brazilian Leaptrog

37

Github repository

https://github.com/RBBNet/rbb



## LinkedIn

https://www.linkedin.com/in/gladstonearantes/

