

Beyond hybrid postage stamps & traditional NFTs

Date 28.11.2023
Place Grand Postal Building, Bangkok
Speaker Ansgar Spratte







Key Figures 2022



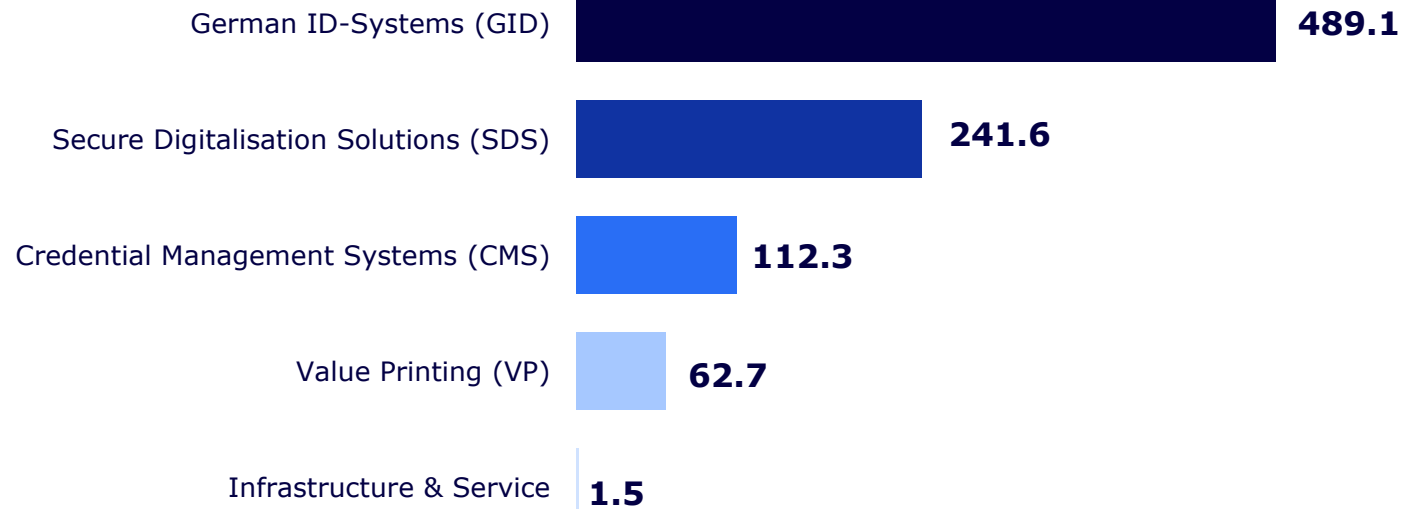
4,162
Patents



4,000
Employees



907.2
Sales in EUR million





Approx.
11.8m
ID cards



Approx.
5.1m
passports



Approx.
5.1m
driving
license cards



Approx.
0.9bn
banknotes



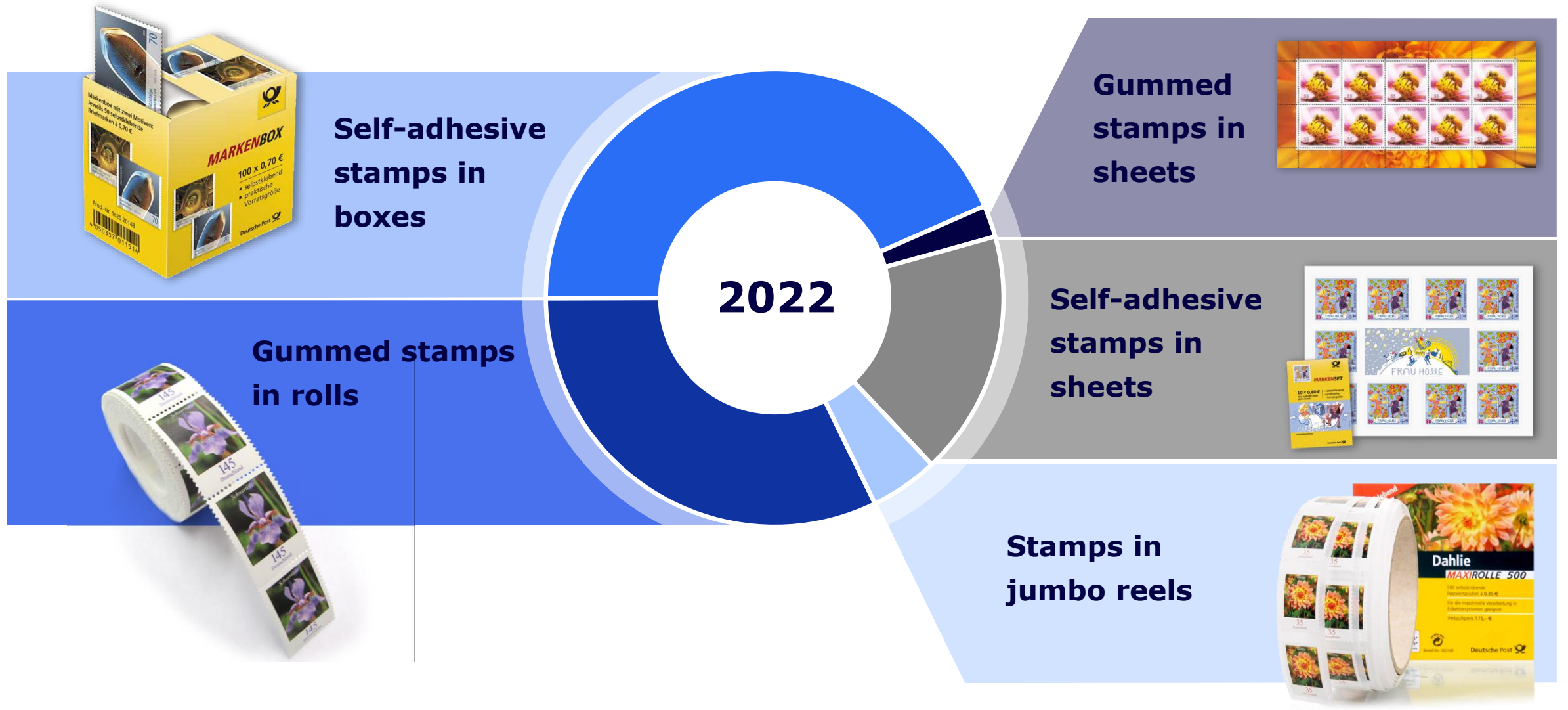
Approx.
0.8bn
postage stamps



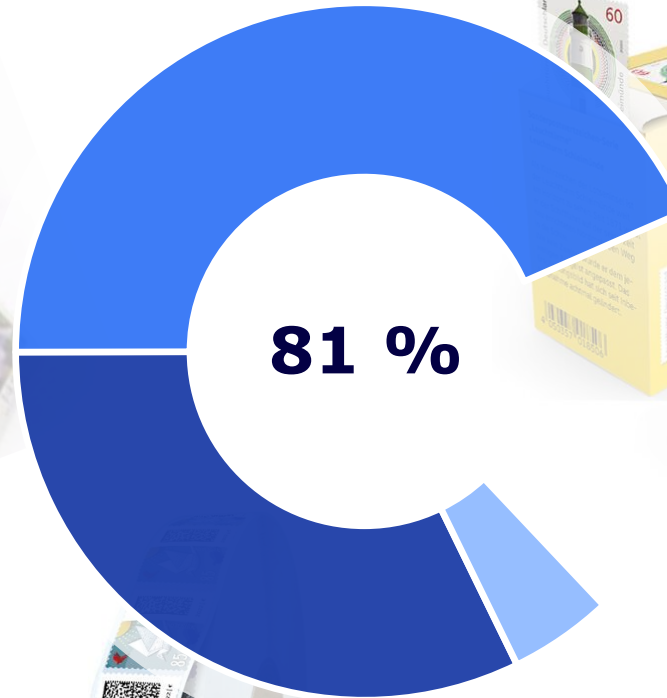
Approx.
4.6bn
tax stamps,
non fiscal
security stamps



Postage stamp portfolio



Stamps in rolls



Since 2021: Hybrid postage stamps with data matrix code

First issuance in
February 2021

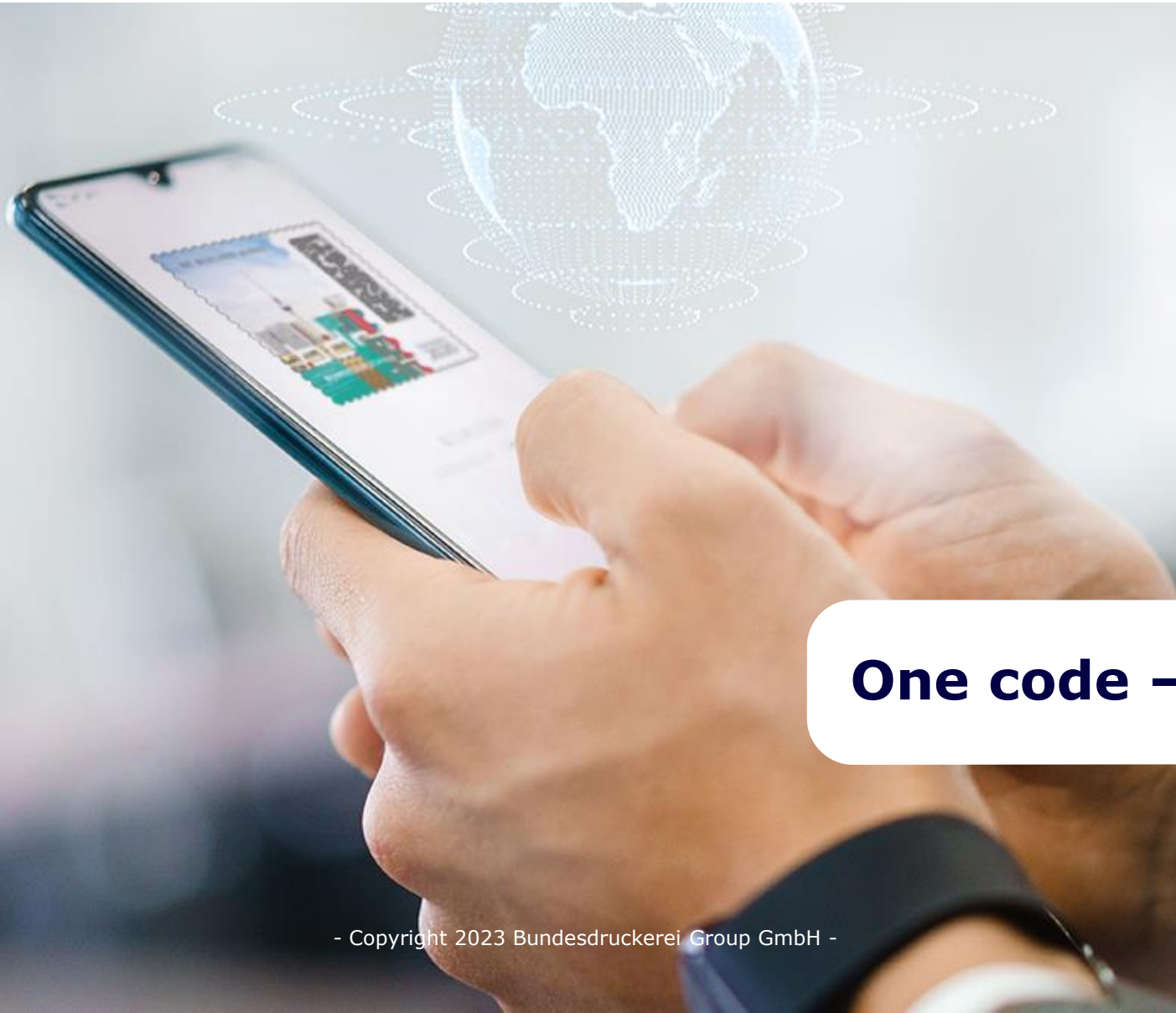
Since 2022: All
new stamp issues
contain individual
data matrix coding



- Cryptographically secured
- Unique identity
- Traceable
- Carrier for additional information

40901030901044A01014A010A4A010241010141010241010B0F0106431024201020C01025001
0910909010 **2 bn. codes** 1C010320010341010C11010C220103320103360101360102B0101
01013A010C_____D4279DD00100E1C3A5DD01A4240018DA000102000104000102000
14A010A4A010241010141010241010B0F01064 **1580 mill. stamps produced and delivered**
101021C010320010341010C11010C220103320103360101360102B01012B010C3A0
AB60FD4279DD001 **5 product types equipped with DMC** 40901030901044A01014A010A4A
0141010241010B0_____1000001001401021101021C0103
010C11010C2201033201033601013 **9500 hours software developement** 3010301AB60FD4
00E1C3A5DD01A4240018DA000102000104000102000
106431024201020C **48 TB storage capacity** 00901081401021101021C010320010341010C1
1033201033601013_____A010C22010301AB60FD4279DD00100E1C3A5D
018DA08010308010409010 **7 vision & inspection systems installed** 10B0F0106431024201
50010443010B0910909010_____022010222010336010
012B010C3A01013A010C23010301AB60FD4279DD00100 **1 new coding machine** 03080104
01044A01014A010A4A010241010141010241010B0F010_____0443010B0
081401021101021C010320010341010C11010C220103320103360101360102B01012B010C3A0





One code – multiple usage

Data matrix codes on postage stamps

Two major
functions:



Digital
cancellation

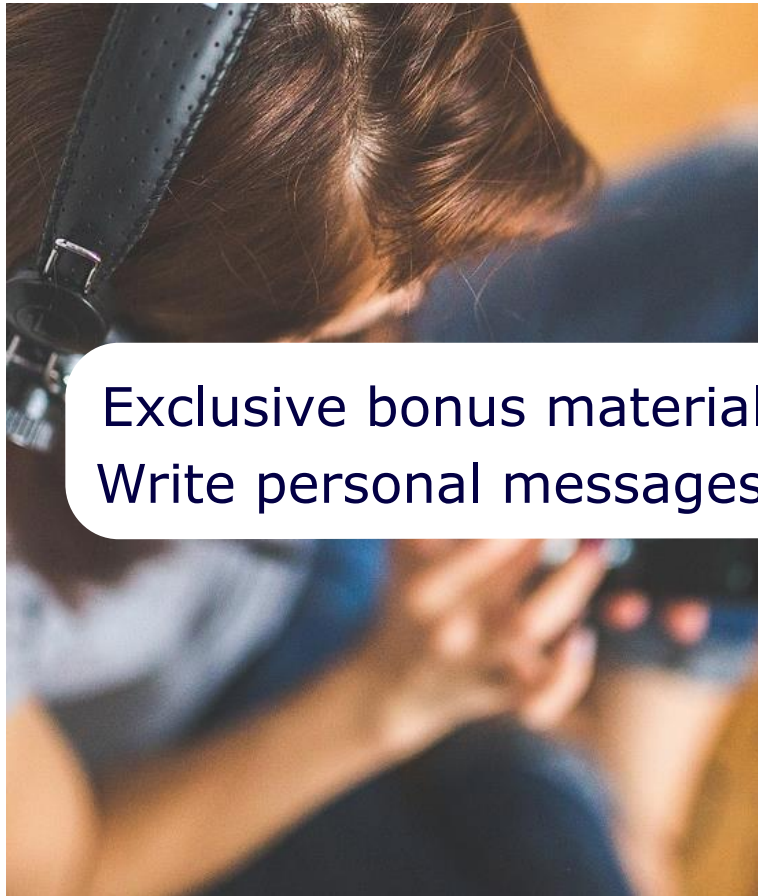
Traceability

Bonus functions



- Exclusive access to bonus material like music, special video clips
- Receive bonus information
- Write personal messages

Bonus functions



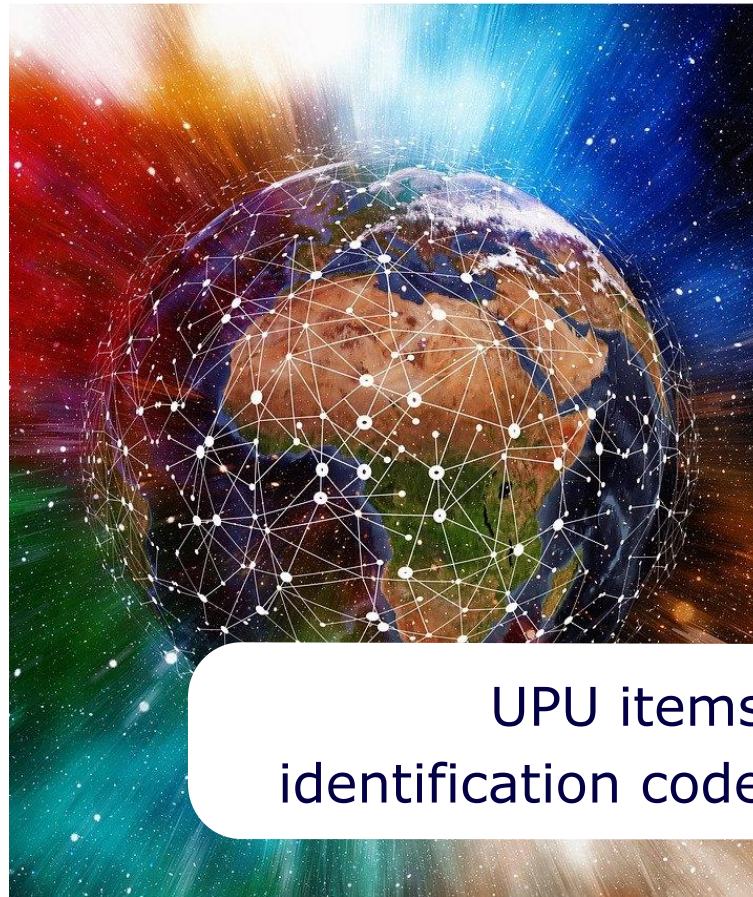
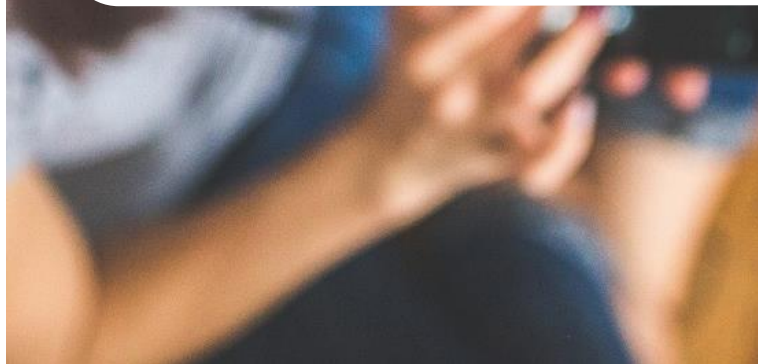
Tracking across borders

- Integrating the UPU standard
- 13 digit code line
- On postage stamps as data matrix code

Bonus functions



Exclusive bonus material
Write personal messages



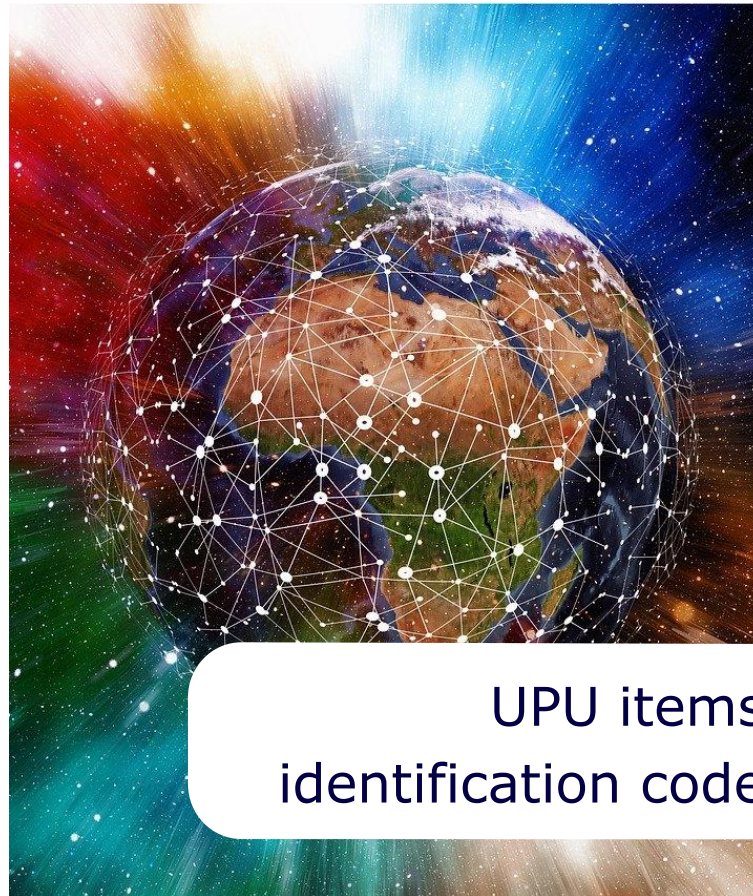
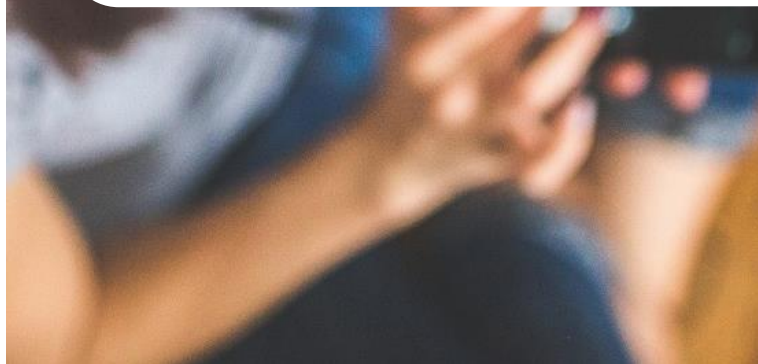
UPU items
identification code



Bonus functions



Exclusive bonus material
Write personal messages



UPU items
identification code



Link to NFT of
DP's crypto stamp

The background of the slide is a complex digital graphic. It features a dark blue background with various glowing elements: circular patterns resembling data disks or orbits, a faint world map, and a network of glowing blue and yellow lines. A hand is visible in the lower right, with a finger pointing towards a bright yellow light source within the digital interface.

Beyond traditional NFTs

Unlocking new potential for postal operators



Expand product portfolio



New revenue streams



New group of collectors



Embrace Technology

First Crypto Stamps



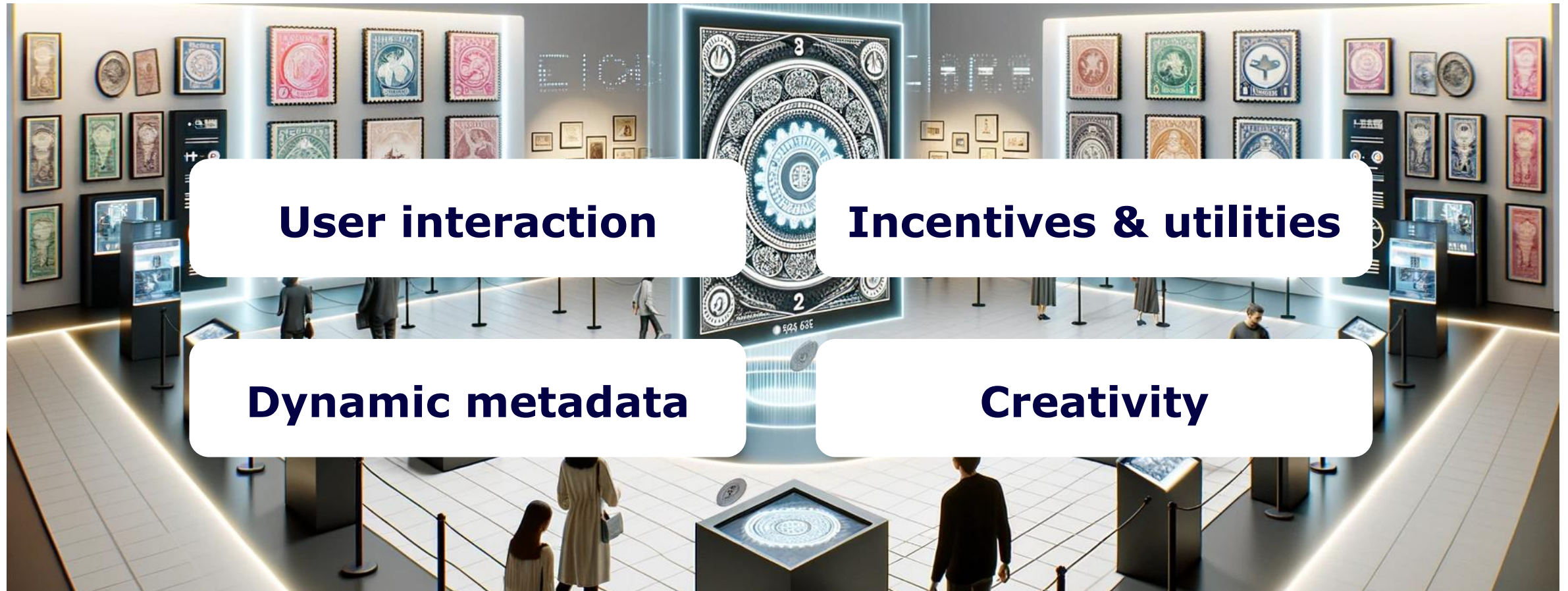
- Traditional hobby meets the blockchain era
- No utilities
- Purely for collecting

Crypto stamps enhanced

- First interactive features
- NFC chip
- Concept roadmaps



Next-Generation crypto stamps



User interaction

Incentives & utilities

Dynamic metadata

Creativity

Community-driven NFT collaborations

**Artists &
communities**



**Community
Designs**



**Limited
Editions**



Wide range of technical capabilities ready to use

Many useful functions are already in use

THE ABSENCE
OF EVERYTHING

So much more is possible,
no limits to creativity

**Let's start to
explore!**

Thank you! **Merci beaucoup!**

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