

BITFOLD

Security. Convenience. Trust.



Kamil Rafał Gancarz

**Founder, President of the Board
Bitfold AG**



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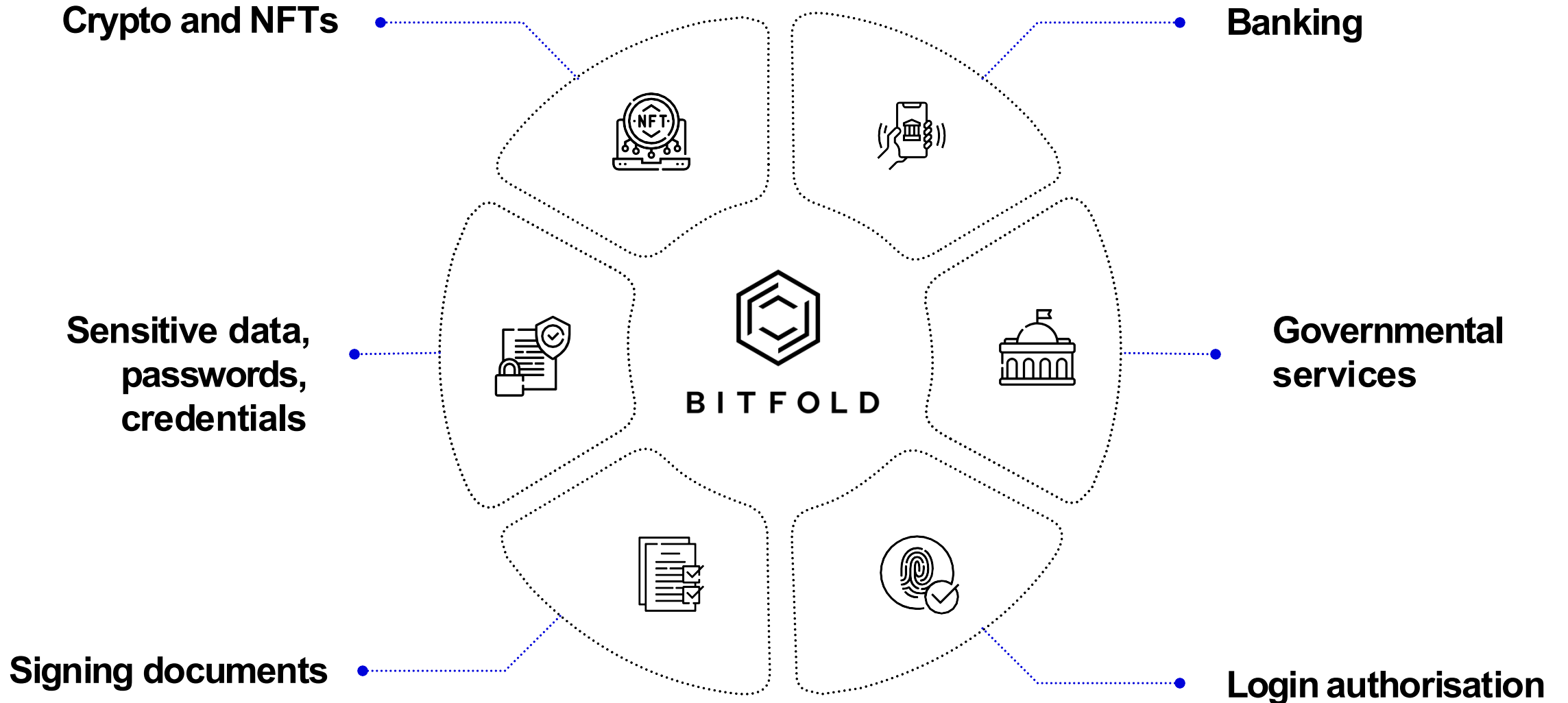


OUR MISSION

Our mission is to bring people more freedom and truth by making blockchain and cryptography easy to use and extremely secure.

We create a solid foundation to a new reality by building a next generation hardware wallet that will unleash the true potential of digital space, serving as a seamless interface for Web 3.0.

One device to secure them all!



Problem



Lack of security

- ByBit, a leading cryptocurrency exchange, was the victim of a massive hack, resulting in the theft of \$1.46 billion in cryptocurrency.
- All existing software and hardware solutions are hackable



Difficulties using current hardware wallets

- Required connection to a computer or smartphone
- Unfriendly, unintuitive interface



Limited to crypto

- Storage and transactions of cryptocurrencies, not data
- Limited hardware and software capabilities of existing wallets

Solution

BITFOLD – personal security device for digital assets and authentication



Highest security

full isolation of private keys (virtual airgap) allowing for external communication (Bluetooth, WiFi, LTE, NFC) at the same time



Best user experience

First standalone (Internet-connected) hardware wallet, which allows the user to **execute transactions in seconds instead of minutes**. It is based on our tailor-made operating system BitfoldOS that provides user with **seamless experience and clarity**



Unlimited use cases

Bitfold use cases are endless. We are going to build **marketplace of different applications** on top of BitfoldOS and **release SDK for developers**

Next generation security standard

3 INDEPENDENT MODULES IN ONE DEVICE



Important: Private keys are **never exposed to external communication** and yet **BITFOLD** is standalone

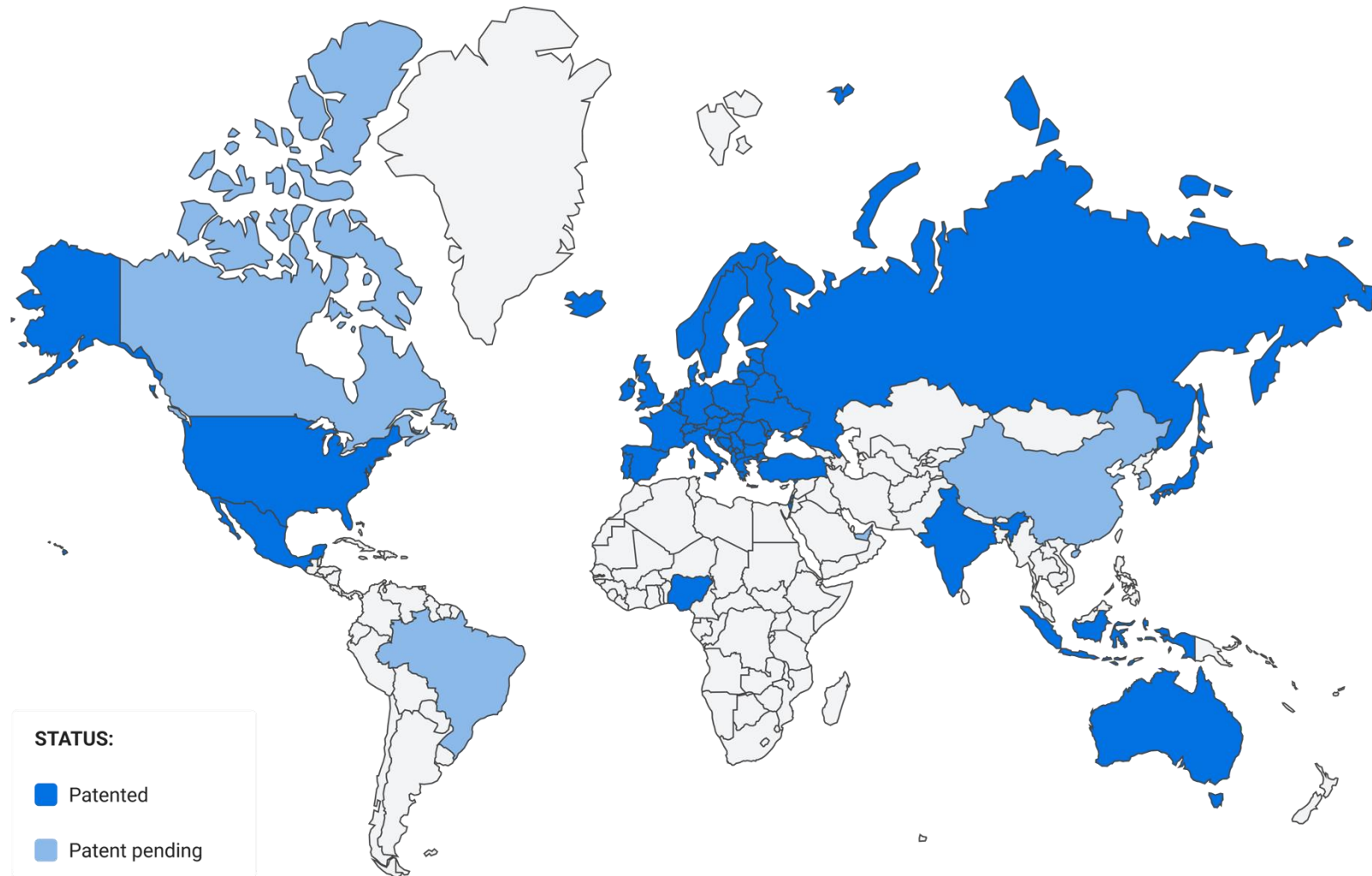
Connected to the Internet, Applications,
Broadcasting transactions

“Bridge module” (hardware airgap), responsible for transferring transactions and separates 1st and 3rd module

Keeps the **private keys secure** and allows for signing transactions



Patented technology



Competitive landscape

	Hardware (cold) wallets	Software wallets (hot)	Phones	BITFOLD
Security	High	Low	Medium	Very high
Standalone	Requires connection to vulnerable device (laptop, phone)	Requires hardware	Requires chosen software wallet	Completely independent
Ease and speed of use	Hard (requires second device), slow	Fast and easy	Fast and easy	Dedicated, efficient, and fast mobile operating system- BitfoldOS
Interface	Small screen with tiny buttons or Touchscreen + External device	External device	Touchscreen	5"5 Touchscreen
Use cases	Safety deposit box/ Transaction/ Authorization	Safety deposit box/ Transaction/ Verification	Safety deposit box/ Transaction/ Verification/ Authorization	Safety deposit box/ Transaction/ Verification/ Authorization

This material relates to the future. This applies in particular to information regarding strategy, business development, market forecasts, planned investment outlays, future revenues or costs. This information should be considered only as predictions that involve risks and uncertainties, and there can be no assurance that these predictions will be achieved. The BITFOLD hardware wallet is a device under development, therefore some of the presented features and functionalities are not yet available and may change. The appearance of the device is an example and may change.

Our Technologies

Full hardware isolation of cryptographic keys

Protection against tampering (digital DNA, PUF)

Maintaining software integrity (Trust Zones, BIST)

Panic button (possibility to erase in case of danger)

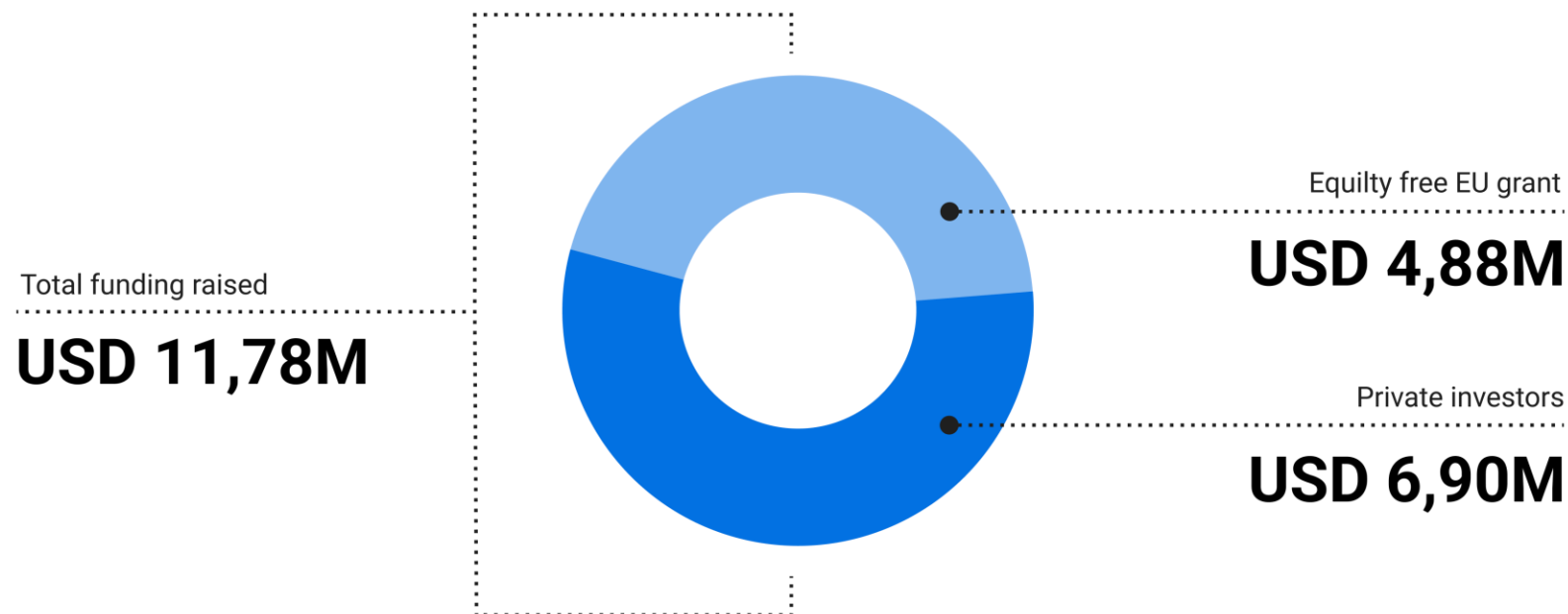
Enhanced source of entropy

Dedicated BitoldOS system

IP65 certificate



Up to date funding



*NCBiR – funds obtained by Bitfold AG's subsidiary, i.e. Bitfold R&D sp. z o o. (as of November 30, 2023) as part of the company's research and development project entitled: "Bitfold - an innovative hardware wallet for private keys in blockchain technology and other applications of asymmetric cryptography", co-financed by the National Center for Research and Development (NCBiR)) under the contract number: POIR.01.01.01-00-1101/20-00.

**PRIVATE INVESTORS – funds obtained from private investors as part of the increase in the share capital of Bitfold AG and the acquisition of new issue shares or the sale of Bitfold AG shares by its shareholder, i.e. the "BLOCKCHAIN DEVELOPMENT FOUNDATION" based in Łódź, intended for the development of the Bitfold project.

Market overview and trends

TAM - Global crypto wallets market size

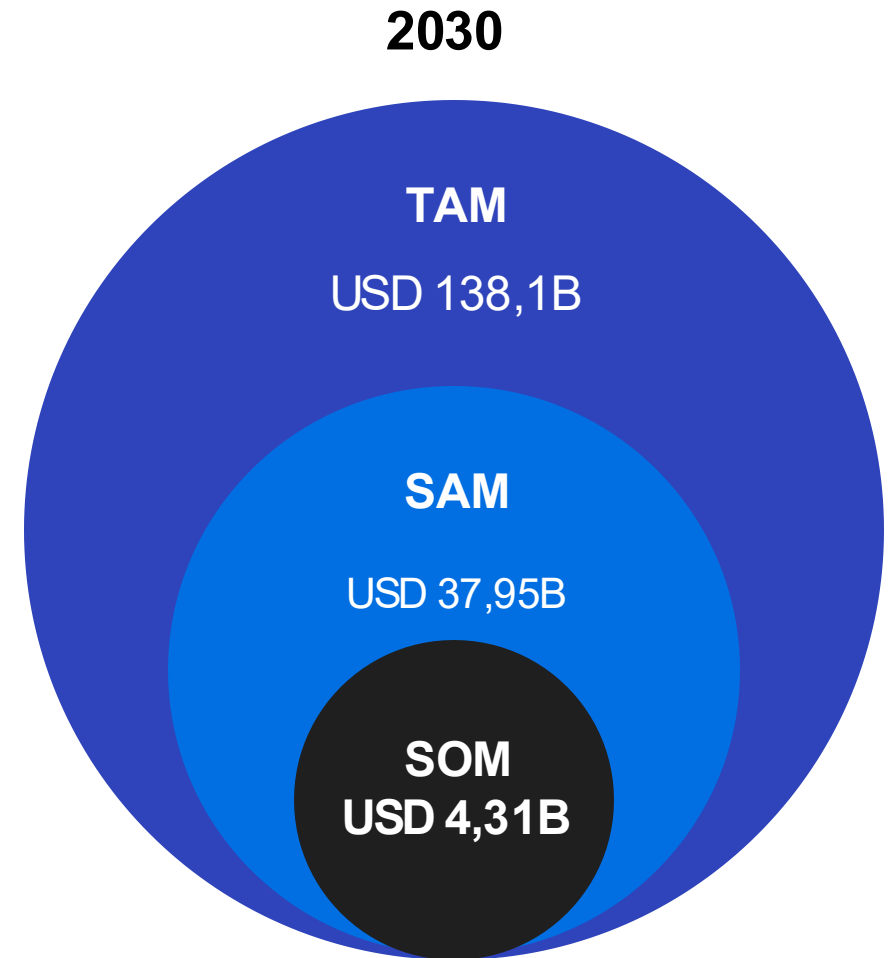
- Grows at **CAGR 22%**

SAM - Hardware wallets market size

- Grows at **CAGR of 34%**

SOM - Market opportunity (only device)

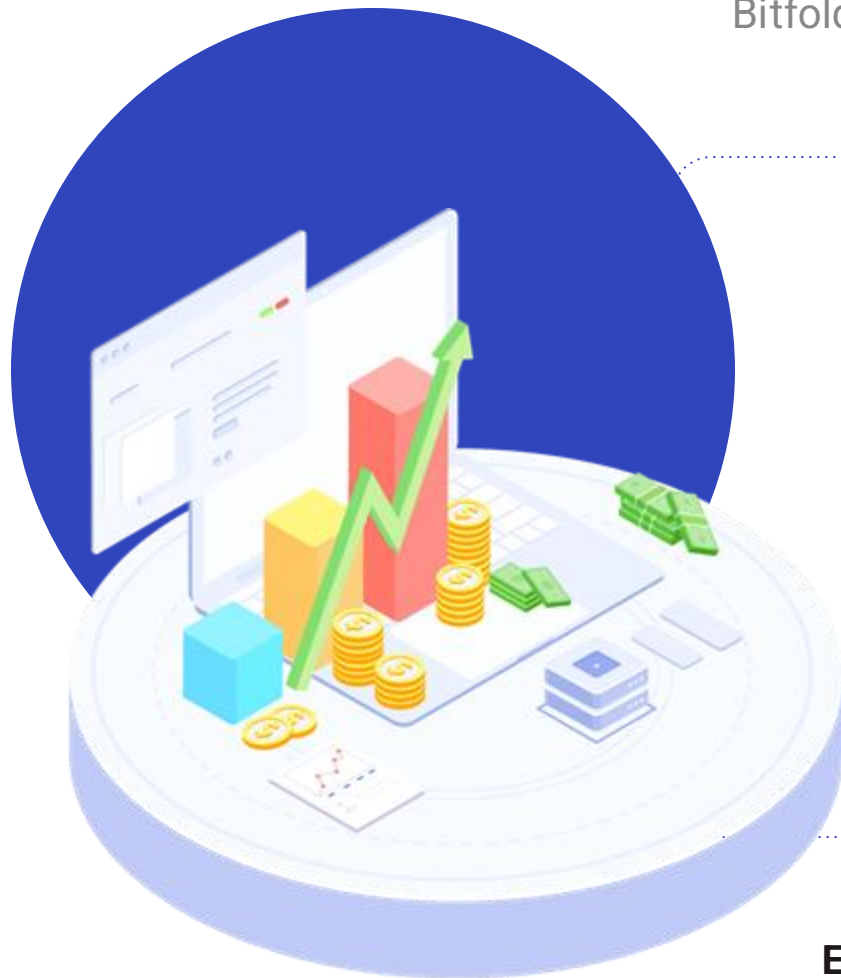
- 2025: Pre-sale of the device in form of token offering USD 120M
- 2030: Sales 700k units, revenue USD 1,470.6M



Source: 1. Bitfold hardware wallet market sizing and pricing by GoGlobal partners 2. futuremarketinsights.com 3. statista.com

Our plans – business model expansion

Bitfold will be a platform for digital value



In addition to selling the device, we plan to:



Provide proprietary freemium services



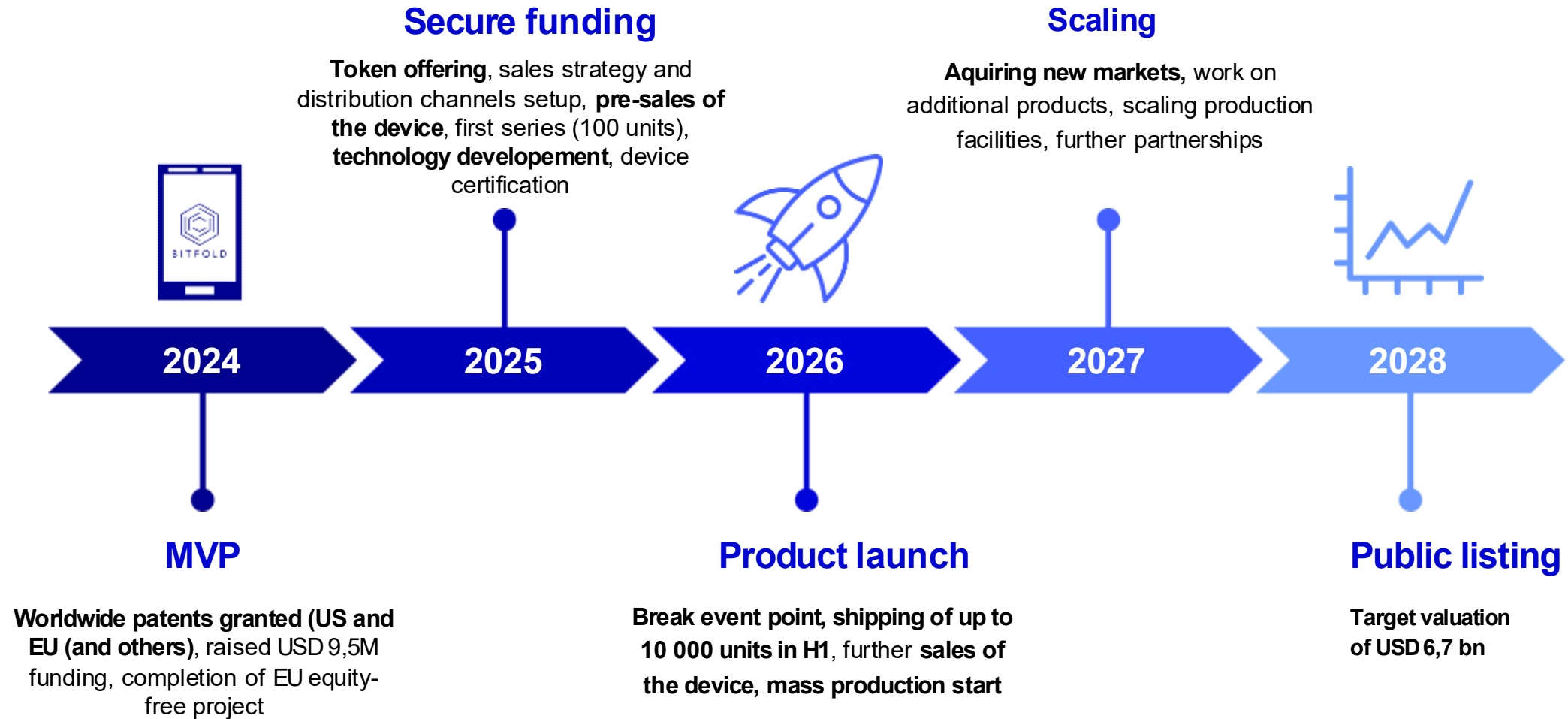
Enable the integration of third-party applications and services available in our app store



Integrate investment platforms

Each of these paths will serve as an additional, recurring source of revenue.

MILESTONES



*Bitfold R&D sp. z o.o. with seats in Lodz r. finalized project co-financing by the European Union from the European Regional Development Fund under the Smart Growth Operational Programme 2014-2020 agreement: No. POIR.01.01.01-00-1101 / 20-00 of December 23, 2020. Bitfold AG is Bitfold R&D sp. z o.o. 100 % partner.

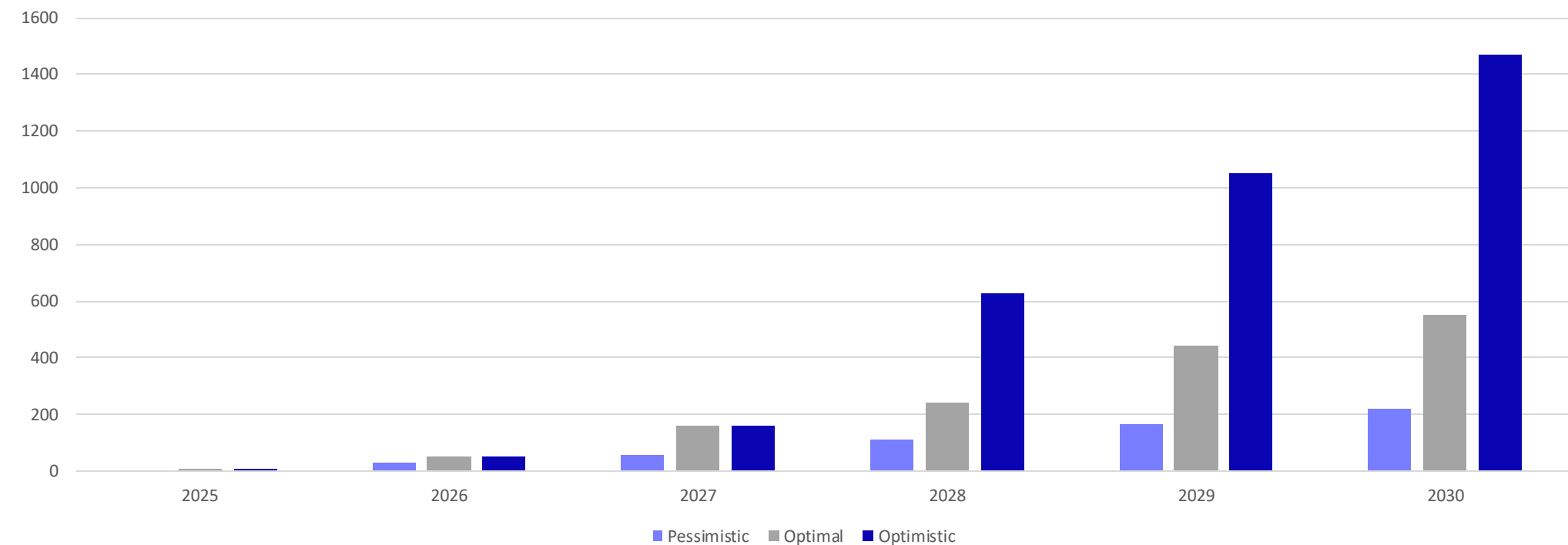
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Financials – overview in millions USD

	Pessimistic					
Year	2025	2026	2027	2028	2029	2030
Devices sold (units)	5 000	16 500	33 000	66 000	100 000	130 000
Costs	\$9,55 M	\$13,23 M	\$19,73 M	\$30,82 M	\$40,97 M	\$49,76 M
Revenues	\$4,2 M	\$27,73 M	\$55,46 M	\$110,92 M	\$168,07 M	\$218,49 M
Net Profit			\$5,2 M	\$19,3 M	\$33,9 M	\$46,98 M
P/E ratio					35	
Forecasted valuation				\$675,48 M	\$1 186,5 M	\$1 644,33 M
	Optimal					
Devices sold	10 000	32 000	96 000	144 000	240 000	300 000
Costs	\$18,55 M	\$47,15 M	\$125,53 M	\$185,51 M	\$305,11 M	\$378,72 M
Revenues	\$8,4 M	\$53,78 M	\$161,35 M	\$242,02 M	\$443,7 M	\$554,62 M
Net Profit		\$5,17	\$30,79 M	\$49,35 M	\$110,52 M	\$140,35 M
P/E ratio					35	
Forecasted valuation				\$1 727,29 M	\$3 868,18 M	\$4 912,21 M
	Optimistic					
Devices sold	10 000	32 000	96 000	300 000	500 000	700 000
Costs	\$24,00 M	\$47,15 M	\$125,53 M	\$391,99 M	\$643,73 M	\$843,73 M
Revenues	\$8,4 M	\$53,78 M	\$161,35 M	\$630,25 M	\$1 050,42 M	\$1 470,59 M
Net Profit		\$5,17	\$30,79 M	\$190,26 M	\$324,98 M	\$626,86 M
P/E ratio					35	
Forecasted valuation				\$6 659,17 M	\$11 374,33 M	\$21 940,10 M

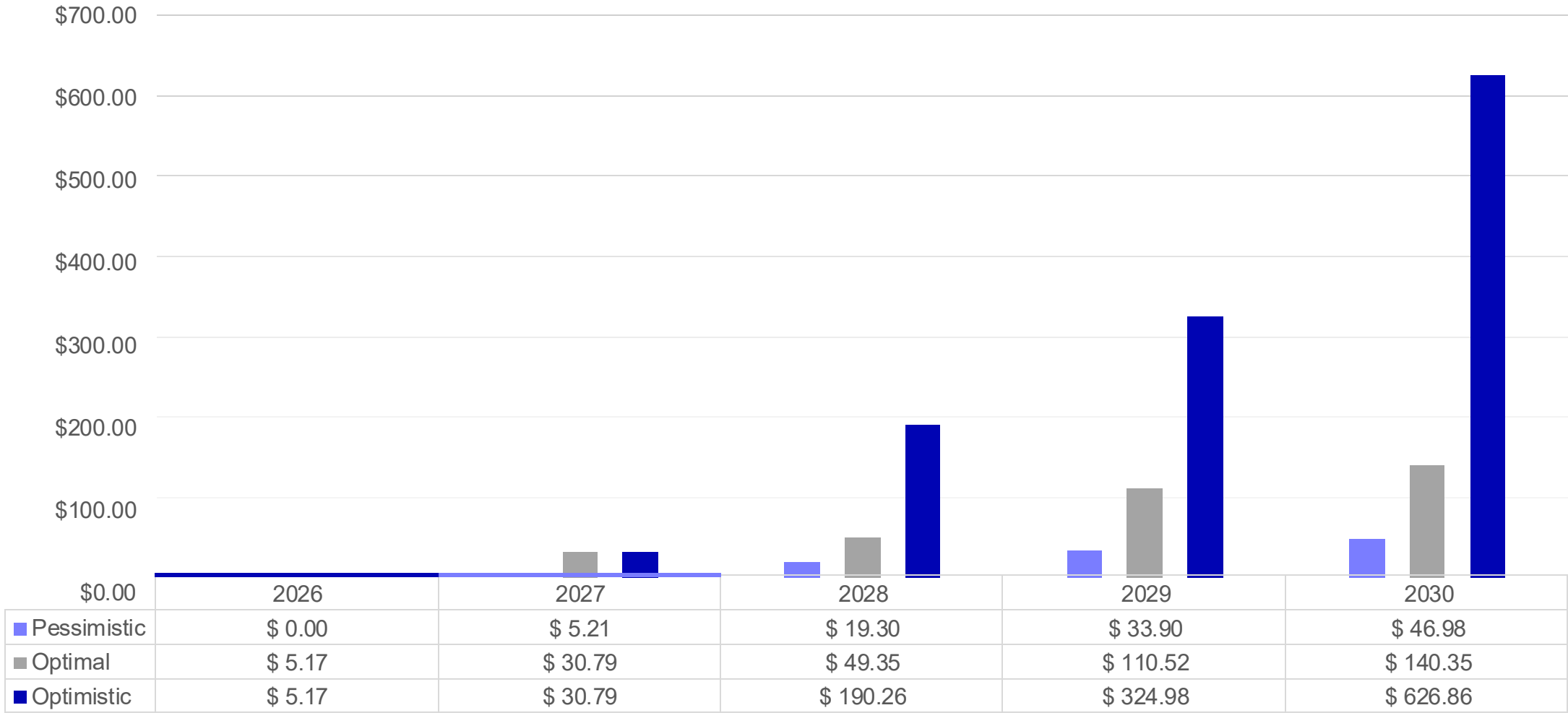
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Financials – revenue projection in mln \$



\$0.00	2025	2026	2027	2028	2029	2030
■ Pessimistic	\$ 4.20	\$ 27.73	\$ 55.46	\$ 110.92	\$ 168.07	\$ 218.49
■ Optimal	\$ 8.40	\$ 53.78	\$ 161.34	\$ 242.02	\$ 443.70	\$ 554.62
■ Optimistic	\$ 8.40	\$ 53.78	\$ 161.34	\$ 630.25	\$1 050.42	\$1 470.59

Financials – net profit projection in mln \$

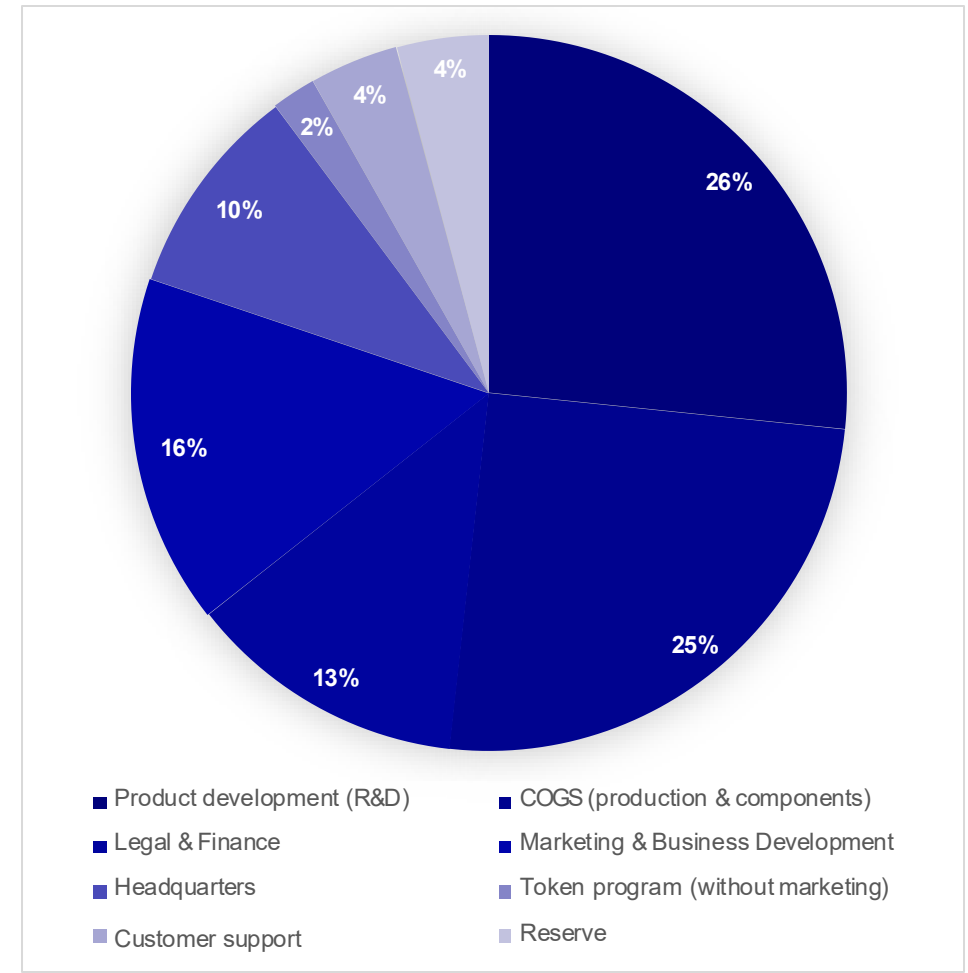


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Equity funding - 30M USD

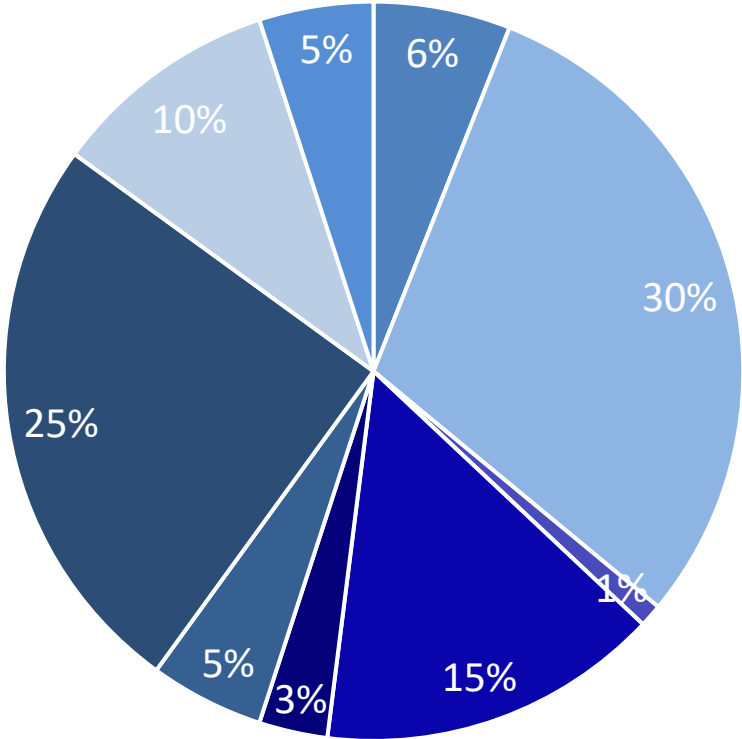
Use of funds (in millions USD)

Budget categories (in thousands USD)	Total	% of budget
Product development (R&D)	8,15	26.60%
COGS (production & components)	7,7	25.10%
Legal & Finance	3,87	12.60%
Marketing & Business Development	4,82	15.80%
Administrative Costs	2,95	9.60%
Customer support	1,22	4.00%
Reserve	1,28	4.20%
Total	30	100.00%



Token programme spendings – 120M USD

Budget categories (in thousands USD)	Total	% of budget
Product development (R&D)	7,2	6%
COGS (production & components)	36	30%
Legal & Finance	1,2	1%
Marketing & Business Development	18	15%
Administrative Costs	3,6	3%
Customer support	6	5%
Trading, Token Buyback, Aquisitions	30	25%
Overall NASDAQ listing preparation costs	12	10%
Ecosystem Development & Community Growth	6	5%
Total	120	100%



Project Tokenization Goals

- **Capital Raise & Growth:**

Secure funds for scaling device production, supporting continuous R&D efforts, and expanding our application ecosystem.

- **International Expansion & Strategic Acquisitions:**

Facilitate global market entry and potential acquisitions to enhance our product and ecosystem offering.

- **Integrated Payment Ecosystem:**

Establish a robust ecosystem with tokens as the primary payment method for device purchases, apps, services, and subscriptions.

Project Tokenization Goals

- **Flexible Device Sales Model:**

Enable device sales through direct token payments and integrate seamless payment gateways supporting multiple currencies with settlement build on our token.

- **Deflationary Economic Model:**

Introduce token scarcity by allocating a portion of tokens to treasury reserves, strengthening long-term token value.

- **Maintain Utility Token Nature:**

Ensure the token's value remains driven by genuine use cases and market demand, explicitly avoiding security-like token features.

Key team members in Bitfold



Kamil Gancarz

Founder, Inventor, President of the board Bitfold AG

Inventor of Bitfold's core technology with 18 years in finance. Recognized crypto expert and trainer, MENSA member, financial consultant, and former trader with global financial institutions..



Marcin Chojnacki

Senior hardware engineer Bitfold R&D

Engineer with in-depth knowledge of CAD/EDA tools, FPGA, image processing, PCB design, product development process and project management. At Bitfold R&D, he is involved in the design of hardware architecture, device miniaturisation, and thermal process optimisation.



Mattia L. Rattaggi, PhD

Director and Advisor Bitfold AG

Fintech & Web3 business developer. Advisor to digital finance and Web3 projects. Thought leader in blockchain, crypto finance, digital assets, AI. Education at University of Fribourg and University of Cambridge



Marcin Podgórski, PhD

Director of R&D Department Bitfold R&D

With extensive experience in delivering engineering solutions based on blockchain technology, he combines economic expertise with advanced technologies. He creates innovative projects by bridging the gap between economics and cutting-edge technology.



Rafał Kowalski

Chief Hardware Engineer

Electronic hardware engineer with over 9 years of experience. Designed hardware for inter alia fintech sector, IoT, digital imaging, digital audio, industrial. Have lot of experience with design high speed, high density, multi layer circuits boards for embedded systems. Co-author of several scientific publications.



Rafał Kielbus

Head of Blockchain Bitfold R&D

Leading Blockchain expert in digital currencies, smart contracts, Lightning Network, and wallet security. Bitcoin Core contributor and board member of the Blockchain and New Technologies Chamber of Commerce.



Thank you!

Kamil Rafał Gancarz

Founder, Inventor, President of the Board Bitfold AG



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<https://www.bitfold.com>

