# Gimel ID

## Ultimate Trust in the Quantum Era.

**Pitch Deck for Investors**

*Supported by the*
*German Ministry of Research, Technology and Space (BMFTR)*
*as well as Helmholtz Center for Information Security (CISPA)*

November 2026

CONTENT

1. The Quantum Challenge
2. Trust by Gimel ID
3. Gimel ID investment details
4. Appendix

# 25% of identity theft victims think about suicide

***>60 PERCENT*** *— Credential abuse was the most common initial attack vector.*

Source: Identity Theft Resource Center; Crowdstrike

1. THE QUANTUM CHALLENGE

# Quantum computers threaten widely used public-key cryptography

***PQC*** *— Post Quantum Cryptography requires secure keys*

2. TRUST BY GIMEL ID

# Gimel offers a DNA-anchored identity binding for high-assurance authentication

Finger

Facial

Iris

DNA

**Gimel ID**

PCT patent pending,
Open-core

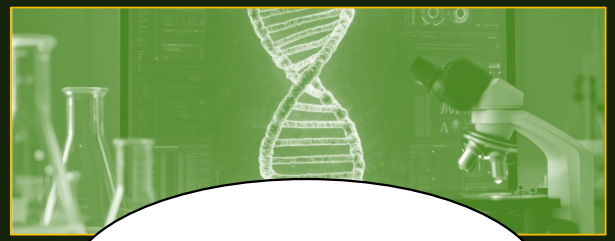
***FALSE NEGATIVES*** · *Current biometric is fuzzy and does not support stable hashes*

Source: Security Industry Association, IEEE Spectrum, World ID

2. TRUST BY GIMEL ID

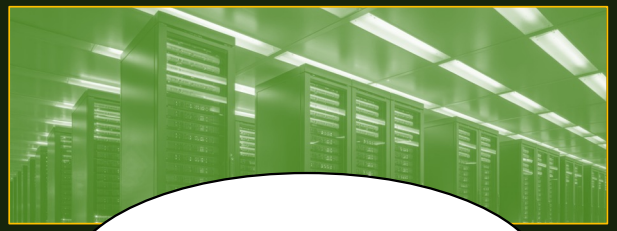
# DNA provides a very stable hash, PQC gets personally anchored

**Gimel Lab**



Sequencing and hashing

**Gimel Infra.**



Collision testing and credential

**Gimel Wallet**

PQC-based authentication

***PRIVACY BY ARCHITECTURE*** · *No DNA raw data leave the lab*

# Gimel ID team combines strategic foresight with deep expertise

**Dr. Götz Wehberg**
- Co-CEO
- Overall project lead

**Dr. Pezhman Baran**
- Bioinformatics
- Wet Lab

**Abhijit Ravidas**
- Cybersecurity
- Cloud

**Shweta Raghu**
- App Development
- Wallet

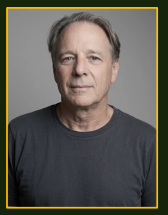
**Daniel Hartert**
- Technology & Cyber
- Former CIO Bayer

**Bjørn Baunbæk**
- Co-CEO
- Business Strategy

**Dr. Christian Forlani**
- Med tech engineer
- GDPR compliance

**Eicke Schütze**
- Cryptography
- Web3

**Nikita Tiloomalani**
- Controlling
- Compliance



**Dr. Francesco De Meo**
- Health Care
- Former CEO Helios

Delivery & Deployment

Guidance & Reviews

Note: Selected team members – supported by Helmholtz Institute for Information Security and German University Clinics

2. TRUST BY GIMEL ID

# Gimel ID combines open-source with proprietary services

## Gimel Technologies

- Focus: Monetization

## Gimel Foundation

- Focus: Adoption

***TRANSPARENCY*** · *Basic functionality must not be a "black box"*

# Three Target Groups – three key Use Cases

## CISO

**Chief Information Security Officer**

Protects against deepfakes through DNA-precise identity verification and implements post-quantum cryptography for critical systems.

## CIO

**Chief Information Officer**

Deploys trust architecture agility along the entire IAM lifecycle, helps to distinguish human principles from machines for Agentic AI.

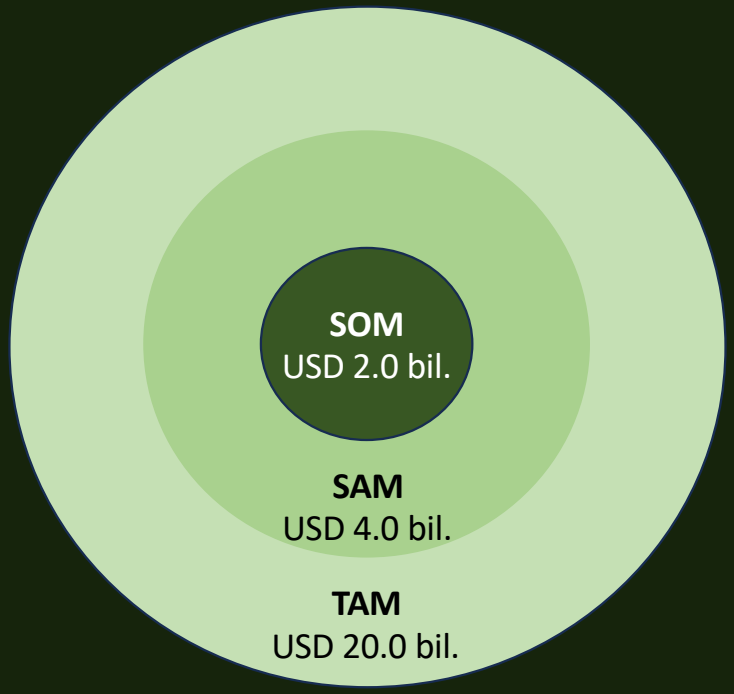
## COO

**Operations Leadership**

Ensures next-generation IAM for Digital Agents and Robots through verified command chains and resolves liability issues with auditable logs of actions.

IAM: Identity and Access Management

# Identity and Access Management is a USD 20 bil.-market growing at >20% p.a.




***SOM: Next Generation Biometric Security***

***SAM: Biometric Security***

***TAM: Identity & Access Management***

Basis: Estimates

# Our Business Model and Go-to-Market Strategy

**Our Market:** The Serviceable Obtainable Market for Gimel is growing at an annual rate of >25% (CAGR).
**Our Model:** GIMEL ID offers a highly scalable Authentication Layer facilitating Quantum Resistance.
**Our Strategy:** Focus on Critical Infrastructure, globally, Government Agencies in Europe, Corporates and SMEs.
**Open Core:** Transparency through open-source protocols paired with proprietary services ("Gimel Moat")

**Different sources of income ensure sustainable growth and scalable margins for our Gimel ID solution:**

## One-time / Monthly Fee

Charge per human user / principal (Gimel ID).
Monthly fee for verified identities and/or AI with a complete audit trail.

## Transaction Fee

Per verified action (e.g., per token refresh for Gimel ID / PQC, etc.).
A small fee per verified action that increases with volume.

## Conformance Testing

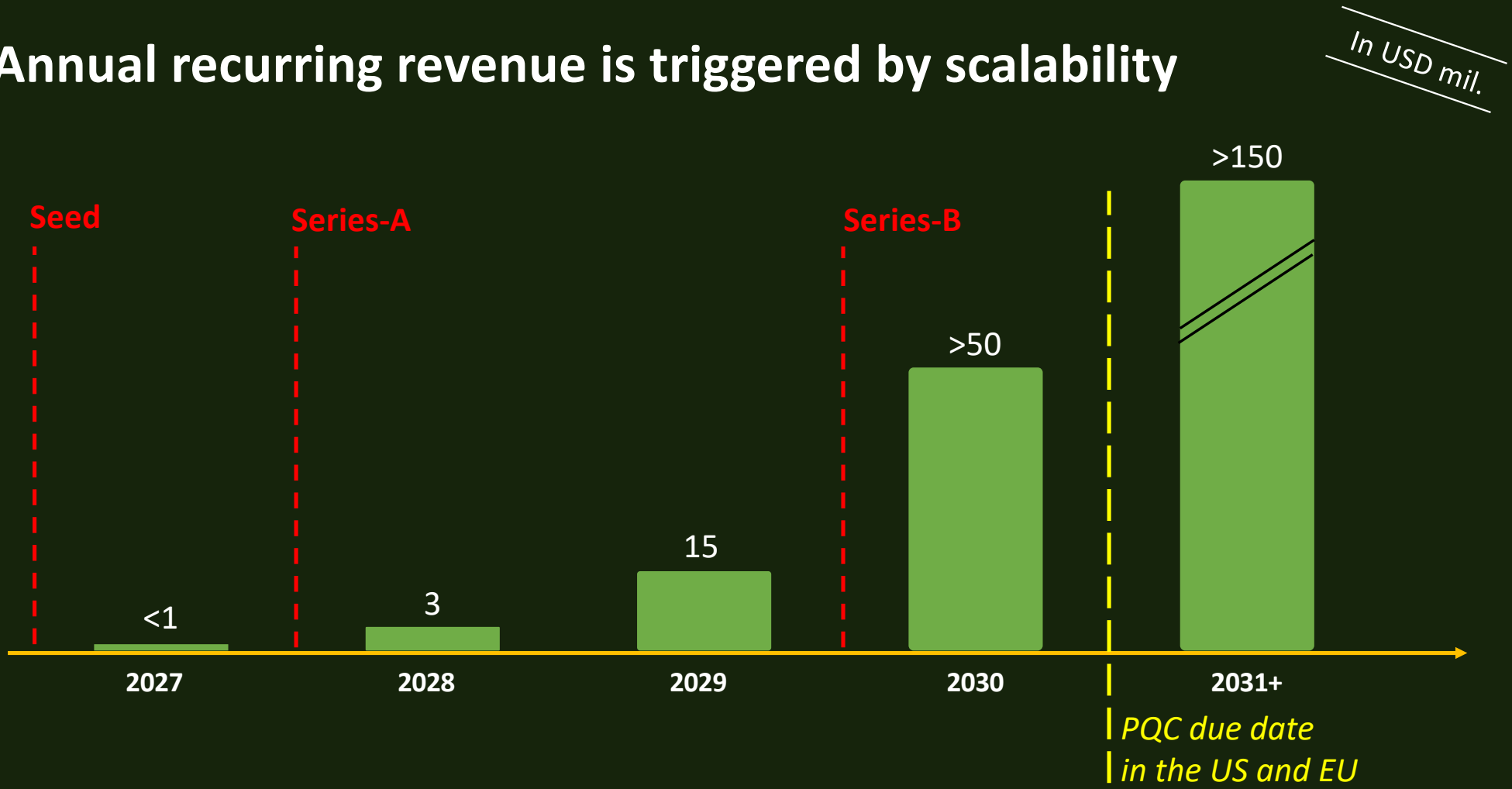
Quality Assurance of Gimel solutions in the Partner Network.
Further improvement of proprietary AI solutions, incl. Gimel lab panel.

3. GIMEL ID INVESTMENT DETAILS

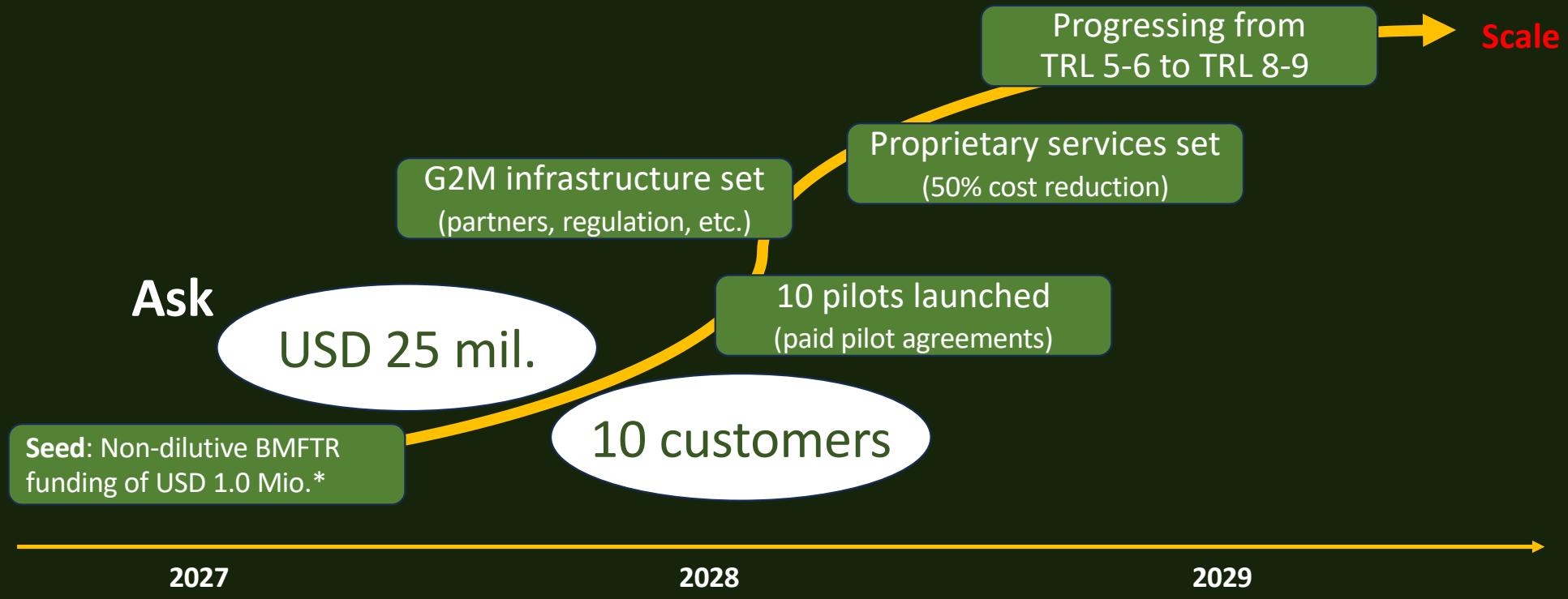
# Different sources of income support recurring revenue and scalable growth

| | Monthly Fee | Transactions Fee | Conformance Test |
|---|---|---|---|
| *ARR target 2028* | *USD 2.4 mil.* | *USD 0.3 mil.* | *USD 0.3 mil.* |

# Annual recurring revenue is triggered by scalability



# For Series-A, we ask for USD 25 mil. and warm introductions




* Starting point: TRL 3-4

# Current traction data points

***Non-dilutive funding of USD 1 million****

***3 PCT- / US-patents pending for all services***

***Team with >200 years accumulated***

***Certified Lab-infrastructure at German University Clinics***

***Supported by globally leading cyber center*****

***PoC-customers under NDA (incl. 3 SI-providers)***

***Starting lab-kit defined and being developed***

***Ethical approval for Gimel ID work in progress***

* By German Ministry of Research, Technology and Space
** By Helmholtz Center for Information Security
Note: Series-A and B in planning stage

# Our ARR target for Gimel ID and Gimel PQC in 2028

## Monthly Fee*

Verified identities

**10 customers × 800 users × $25 × 12 months**

**$2.4M** 80% of ARR

## Transaction Fee

Verified renewals across live enterprise integrations

**2M actions p.a. × $0.15**

**$0.3M** 10% of ARR

## Conformance Tests

Annual testing and assurance across the partner network

**3 partners × $100k p.a.**

**$0.3M** 10% of ARR

**TOP-DOWN CROSS-CHECK** **USD 3M ARR = <0.15% of Gimel ID's >USD 2.0B SOM**

Market growth >25% CAGR supports the scale-up path

* Plus optional one-time fee

Note: Illustrative run-rate — volumes and pricing to be validated through pilots; Basis: Gimel ID and Gimel PQC; ARR: Annual Recurring Revenue

# In the current Seed, the Ministry of Research, Technology and Space is funding the demonstration of a functional prototype

## Lab delivery targets

- Ethics agreement
- Validation across sample types
- Review of discrimination power of current set-up
- Optimized user specification
- Sequencing depth of >500x
- Submission of a scientific publication (peer-review, maintaining IP rights of Gimel Technologies)

## Project validation goals

- Hash stability >99.95% (n=50 pilot participants)
- Deduplication performance <2 seconds (1,000+ entries tested)
- Key reproducibility 100%
- Integration with EUDI-compliant white label wallet

➢ **Progressing from TRL 3-4 to TRL 5-6**

Basis: BMFTR funding agreement, selection

# For a Series-A Funding, we ask for USD 25 mil. and warm customer introductions

## Series-A Funding

| | |
|---|---|
| **Focus** | Scalability |
| **Time** | Ca. 24 months |
| **Investment Form** | Equity |
| **Investment Need** | **USD 25 Mil.*** |

## Milestones funded by Series-A

- **Gimel ID** with proprietary set up initially developed and continuously optimized (>50% cost reduction for consumables)
- **Gimel PQC** with approx. 10 PoCs launched (paid pilot agreements)
- **G2M Infrastructure** established (partners, team co-location; regulatory certifications, etc.)

**Targeted ARR:** **USD 15 Mil.**

* On top of non-dilutive funding of EUR 0.8 Mio. from BMFTR – German Federal Ministry of Research, Technology and Space already secured

# Gimel shareholdings are structured in line with funding and team retention targets

| Shareholder | Percent | Role | Basis |
|---|---|---|---|
| Daniel Hartert | 3.5 | Chairman of the Board | Shareholders Agreement |
| Dr. Francesco De Meo | 3.5 | Board Member | |
| Dr. Götz Wehberg | 63 | Co-CEO | |
| Team like Dr. Pezhman Baran, Abhijit Ravidas, etc. | 30 | Core Team | VSOP |
| Investors | Prospectively | Strategic / financial investor | Term Sheet |

**From Series-A onwards, Gimel Holding will be set up as investment vehicle and AssetCo, hosting Gimel Technologies as OpsCo, etc.**

Basis: Pre-Series-A, VSOP work in progress

CONTACT

# Gimel Technologies

Hardtweg 31
53639 Königswinter, Germany

Bjørn Baunbæk and Dr. Götz Wehberg, Managing Directors
Tel.: +4915112462890
Mail: gwehberg@Gimel.io
Web: https://Gimel.io
Github: https://github.com/Gimel-Foundation

**See investor video:**

**Legal notice:** All rights are reserved. The brands and concepts of Gimel Technologies GmbH and its affiliated companies are protected by copyright. The products, procedures and services of Gimel Technologies GmbH and its affiliated companies are protected by patent law (patents pending).

This presentation contains forward-looking statements that involve substantial risks and uncertainties. All statements other than statements of historical fact could be deemed forward-looking, including statements regarding market opportunity, projected financial performance, growth rates, and strategic plans. These statements involve known and unknown risks, uncertainties, and other factors that may cause actual results, performance, or achievements to differ materially from those expressed or implied by the forward-looking statements. Factors that could cause such differences include, but are not limited to: market competition, regulatory changes, technology development delays, customer adoption rates, operational challenges, and general economic conditions.

Investment in early-stage technology companies involves a high degree of risk. Investors should be prepared for the possibility of losing their entire investment. Past performance is not indicative of future results. The projections and estimates contained in this presentation are based on management's current expectations and assumptions and may not be achieved. Market conditions, competitive dynamics, and regulatory environments may change in ways that adversely affect the company's business and financial performance.