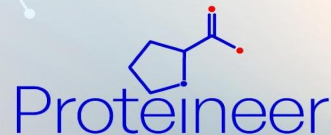# Genomic Product Passport (GPP) REACH Business Presentation

Date: May 2023

Proteineer

Who are We?

Proteineer is a startup that **improves the productivity of industrial biotechnology firms** by facilitating access to (meta)genomic datasets and AI models at massive scale and via an easy-to-use GUI.

Joseph Heenan, CEO

15+ Years Experience in Software Engineering ranging from Fortune 100 to lead positions at 3 acquired startups

Aron Eiermann, CTO

Bachelor of Science in Computer Science, TU Darmstadt. Expert in laboratory automation software and protein screening automation.

Johannes Kabisch, CSO

Professor of Biology, Department of Food Science and Biotechnology, NTNU. Expert in industrial biotechnology, creator of pioneering biotechnology automation and HTS pipelines

What Problem Does GPP Address?

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- Accelerating delivery of **high-value products** using **low-cost and environmentally friendly** feedstocks in a circular economy

- **Development timelines are slow.**

- **Access to data** is a key bottleneck for the industry.

- **Genomic product passport** facilitating cross-licensing of IP

How Does It Work? Standardized Metadata
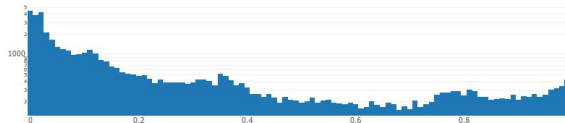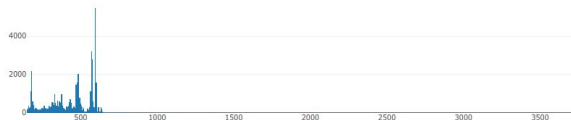
How Does It Work? Easy-to-use GUI and Marketplace

Go-To-Market and Sizing

Proteineer

- "The synthetic biology revolution is upon us, and its **TRILLIONs** of dollars of value to be created" - Eric Schmidt, former CEO, Google

- IP holders to **retain control of their data**. We profit via brokerage fees for successful transactions

- Integrated public data increases purchaser confidence that they get something **better than publicly-available alternatives**

- We are developing an **open-source standard** (GeneLinker.com) participants can trust

Our Business Traction and Partners

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Timeline

H1 2022 - Company founded. First Academic collaborations

H2 2022 - First **paying customer (publicly-traded chemical manufacturer)**

H1 2023 - Further industrial projects, **approx 100% revenue growth**

H1 2023 - Featured in leading German national print & video media for work in **RNA manufacturing project**

H1 2023 - Accepted into multi—partner industrial consortium for CO2 valorization **with approx 1m in software funding (grant-based) expected**.

5-HT Digital Hub Chemistry & Health

NVIDIA Inception Program

Microsoft for Startups

push! 2022
Gefördert durch das Hessische Ministerium für Wirtschaft, Energie, Verkehr und Wohnen

GPP Unlocks Cross-Sectorial Value Chains

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A vaccine developer collects a rich dataset of viral sequences looking for novel **RNA polymerases**. It also contains novel **DNA polymerases** he has no use for
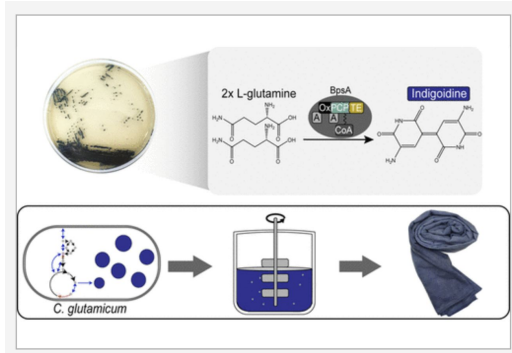
→ DNA polymerases are listed on GeneStore →

A diagnostics manufacturer finds them, negotiates a license, and value is unlocked for all parties

Summary

GPP makes it as easy to buy or sell a pair of industrially-useful **blue genes** (used in textile dye manufacturing) as it is to buy or sell a pair of **blue jeans**

Thank you for your attention