

# Nanoform Management Presentation

Q2 2023 Interim Report

August 24<sup>th</sup>, 2023



# Disclaimer

## Forward-Looking Statements

This presentation contains forward-looking statements, including, without limitation, statements regarding Nanoform's strategy, business plans and focus. The words may, "will," "could," "would," "should," "expect," "plan," "anticipate," "intend," believe, "estimate," "predict," "project," "potential," "continue," "target" and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Any forward-looking statements in this presentation are based on management's current expectations and beliefs and are subject to a number of risks, uncertainties and important factors that may cause actual events or results to differ materially from those expressed or implied by any forward-looking statements contained in this presentation, including, without limitation, any related to Nanoform's business, operations, clinical trials, supply chain, strategy, goals and anticipated timelines, competition from other companies, and other risks described in the Report of the Board of Directors and Financial Statements for the year ended December 31, 2022 as well as our other past disclosures. Nanoform cautions you not to place undue reliance on any forward-looking statements, which speak only as of the date they are made. Nanoform disclaims any obligation to publicly update or revise any such statements to reflect any change in expectations or in events, conditions or circumstances on which any such statements may be based, or that may affect the likelihood that actual results will differ from those set forth in the forward-looking statements. Any forward-looking statements contained in this presentation represent Nanoform's views only as of the date hereof and should not be relied upon as representing its views as of any subsequent date.





# SHORT INTRODUCTION TO NANOFORM



# Nanoform in a Snapshot

## The Share

- Listed June 4<sup>th</sup>, 2020, on Nasdaq First North Premier Growth Market in Helsinki and Stockholm
- Tickers: NANOFH and NANOFS
- Significant Nordic, European and US institutional ownership
- All press releases:  
<https://nanoform.com/en/section/media/press-releases/>

## Nanoform

- Global experts in nanotechnology and drug particle engineering
- ~160 employees, ~30 nationalities, ~35 with PhD degree
- Headquartered in Finland with additional senior staff and board members in Denmark, France, Portugal, Sweden, UK, and US
- ~4000m<sup>2</sup> manufacturing site in Helsinki for nanoforming API's

### Strong balance sheet:

- EUR 57m (SEK 670) cash
- No debt

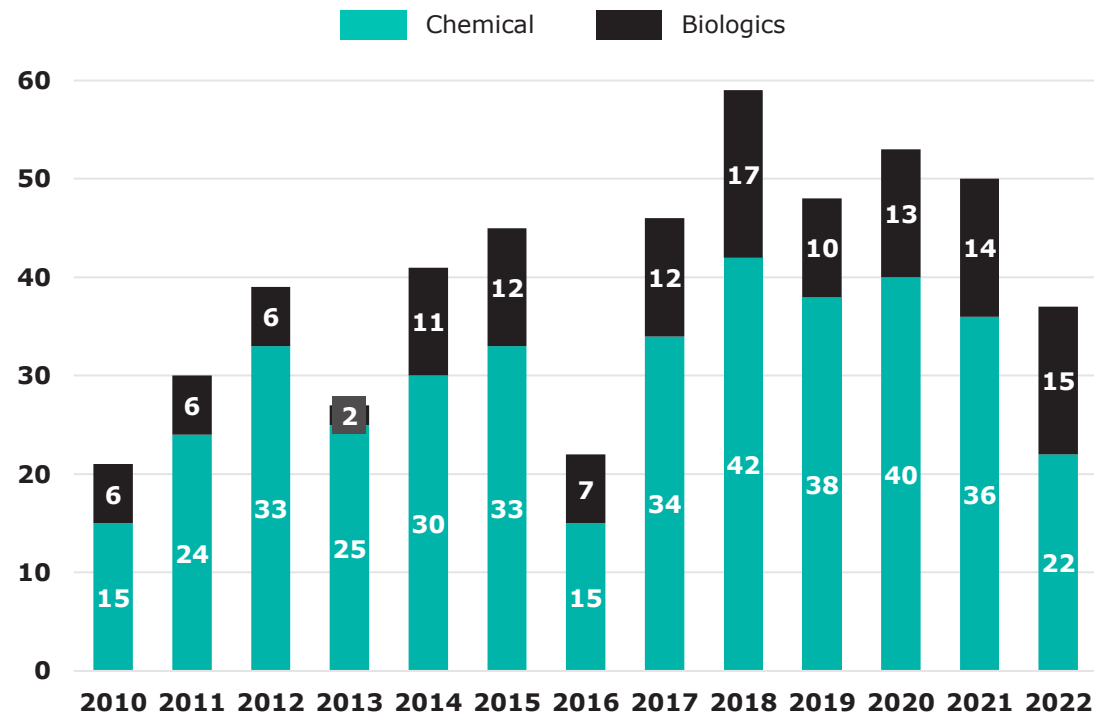
## Platform Technology

- CESS<sup>®</sup> technology for small molecules
- BIO technology for large molecules
- STARMAP<sup>®</sup> for picking winners through cutting-edge sparse-data AI
- Unique formulation expertise for nanomedicine development

# The structural pharma R&D problem

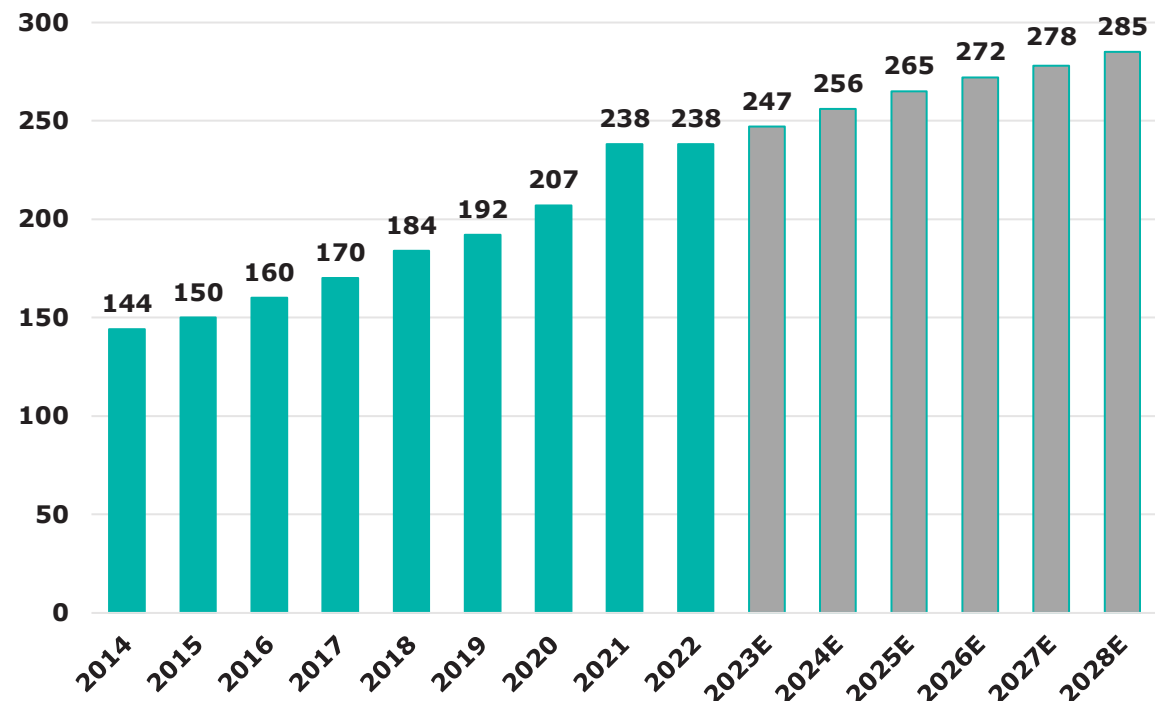
Less than 50 drugs approved in the US annually on average...

Annual number of novel drug approvals by FDA 2010-2022



...while the global pharma industry R&D expenditure exceeds \$200B

Global pharmaceutical R&D spending 2014-2028E (USDbn)

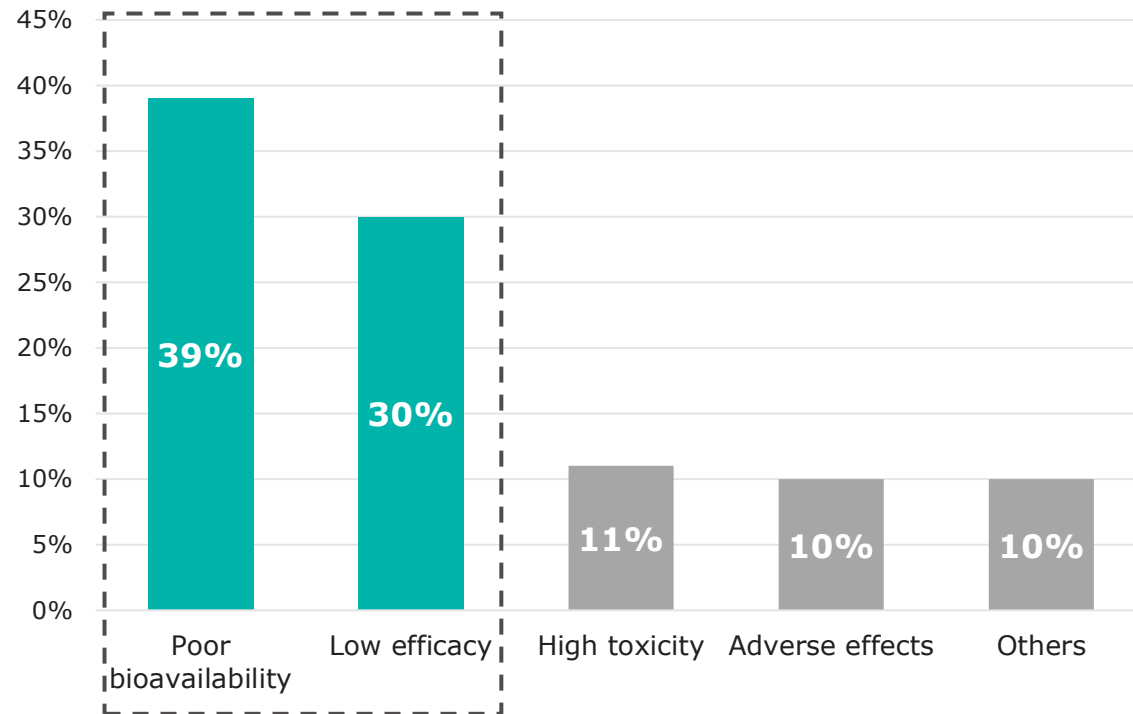


➤ A game changer is needed to improve R&D yield

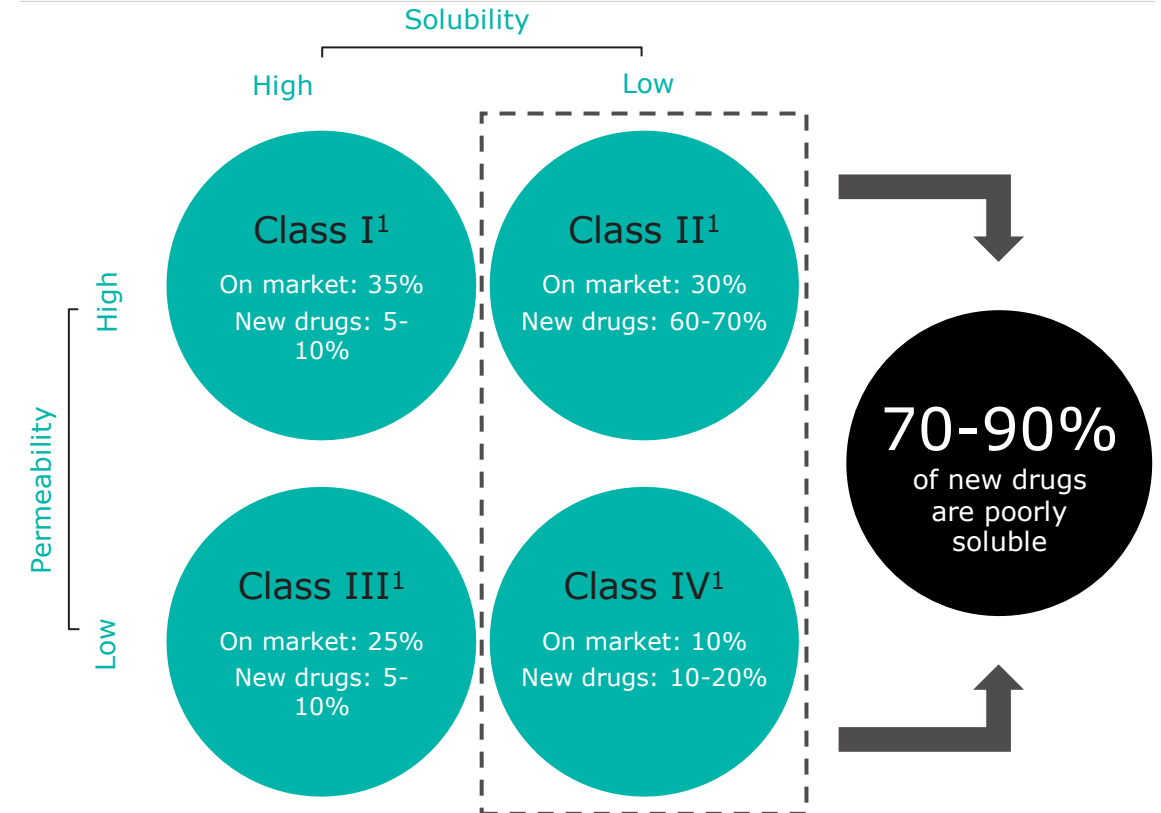
# Low bioavailability is the key issue

## Poor bioavailability and low efficacy most common reasons for drug failure

Reasons for drug failure in pre-clinical trials (share of molecules)



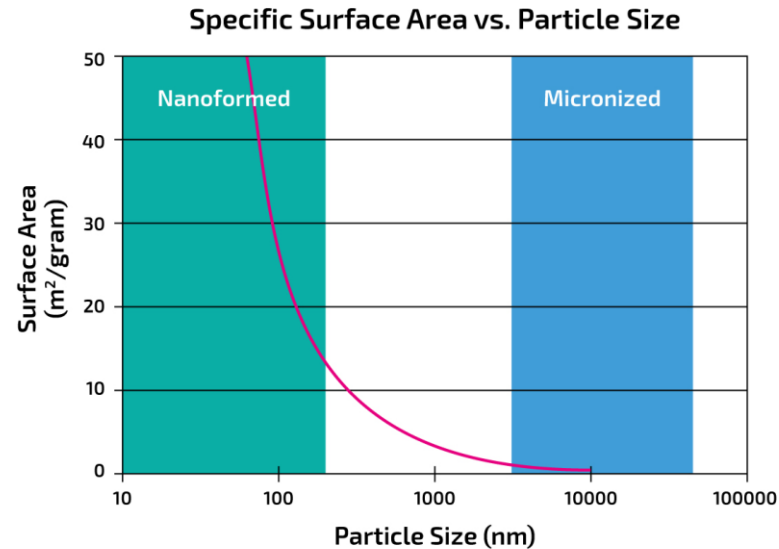
## Majority of new drugs suffer from poor solubility



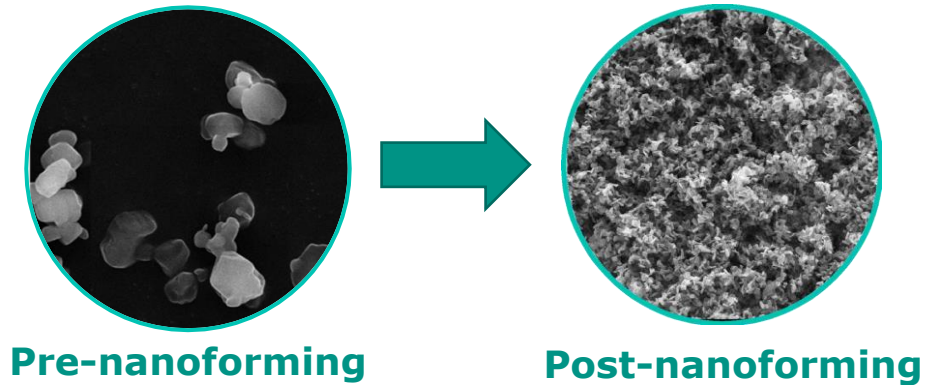
➤ Nanoform can enhance the pharma industry output by targeting poorly soluble drugs

# Particle size is key

## Smaller particle size can improve a drug's bioavailability



- The surface area increases 30 fold from a 10 micron<sup>1</sup> sized particle once the particle size is reduced to 100nm
- Reduction of particle size down to 50nm increases the surface area by 1,000 fold



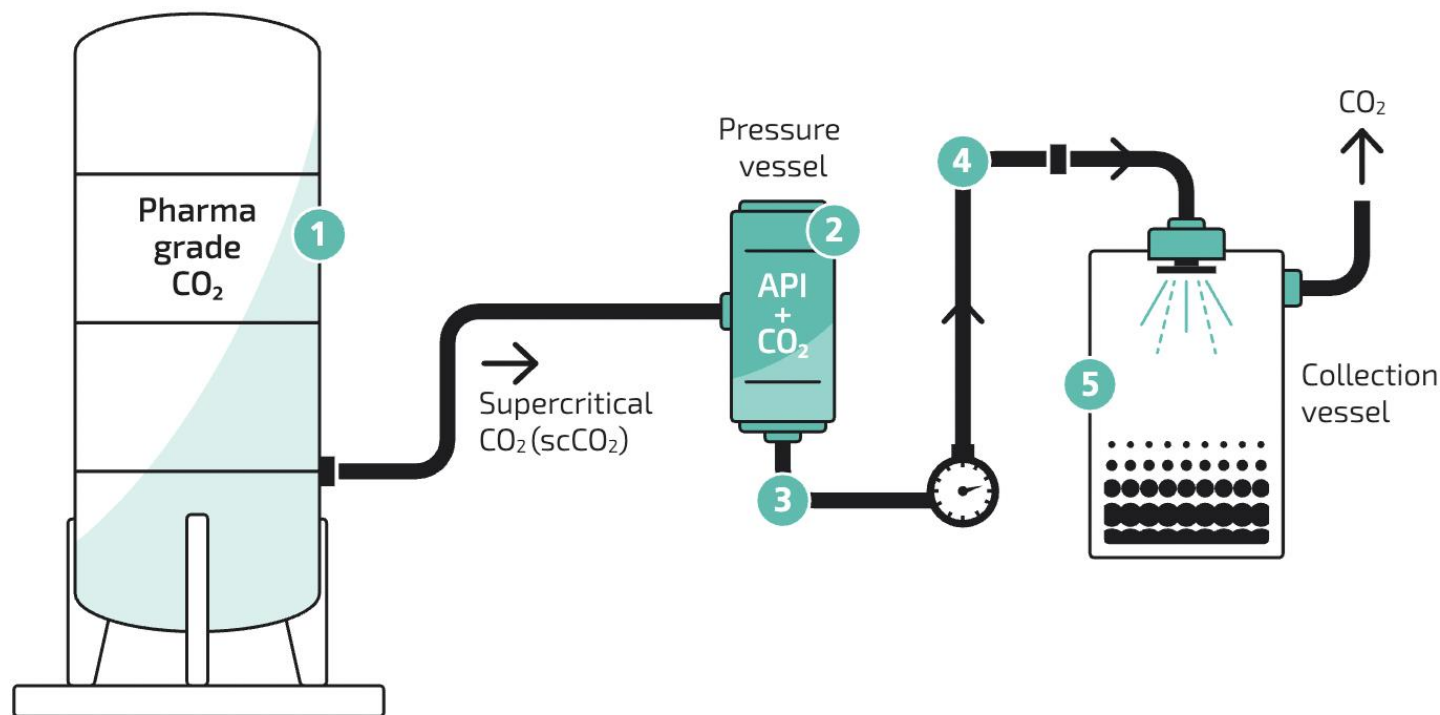
- Smaller particles have a larger surface area
- Larger surface area of particles enables better bioavailability of a drug
- Improved bioavailability implies better absorption of a drug by the body's circular system
- CESS<sup>®</sup> can produce API with large surface areas which can significantly improve the bioavailability of drugs

➤ CESS<sup>®</sup> produced nanoparticles have a larger surface area and as such improved bioavailability.

# Small Molecules - Proprietary technology

Green  
technology

## Controlled Expansion of Supercritical Solutions - CESS<sup>®</sup>



- 1 Supercritical CO<sub>2</sub> is guided into a pressure vessel loaded with API
- 2 Increasing the pressure and temperature in the vessel dissolves the API in supercritical CO<sub>2</sub>
- 3 The CO<sub>2</sub> and the API are released from the pressure vessel and the flow, pressure and temperature profiles are accurately controlled
- 4 The pressure and temperature is controlled to achieve a stable nucleation phase and formation of nanoparticles
- 5 In a collection vessel the CO<sub>2</sub> is sublimated resulting in final nanoparticles ready for collection and formulation

➤ Relatively simple process developed through combining deep knowledge in physics, chemistry, and pharma



# Small molecules - Small is powerful®



# Large molecules – Small is now possible in biologics too

Our unique **biological nanoforming technology** can produce drug particles as small as 50 nm in diameter while retaining biological activity. It is a gentle bottom-up process, and its effectiveness has been demonstrated on peptides and proteins in the 1 kDa\* – 150 kDa range. We can engineer particle sizes to specific requirements. Our advanced technology can be applied across the biologics field to potentially:

Improve  
delivery routes

Improve  
uptake

Enhance  
drug loading  
capacity in  
formulations

Tailor  
release  
profiles

Enable  
new drug  
combinations

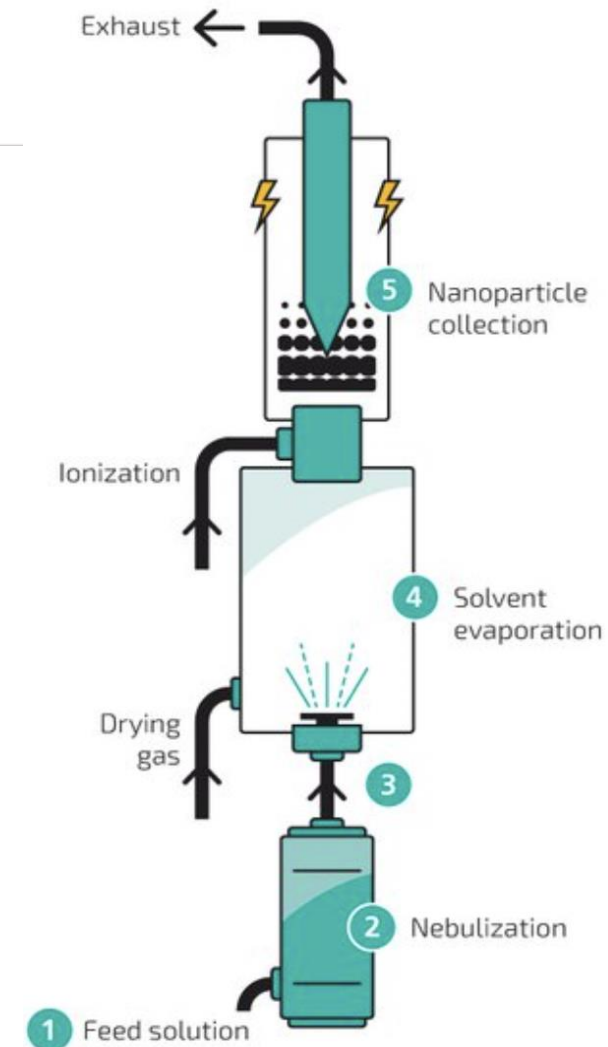
Lighter  
infrastructure  
for drug logistics

# Large molecules - Proprietary technology

Green  
technology

## Nanoforming process for biologics

- 1 API containing feed solution is pumped into the nebulizer
- 2 Feed solution is nebulized into a carrier gas
- 3 Mist is transported into the drying chamber via a connection pipe
- 4 Mist is dried using low-temperature drying gas
- 5 Dried particles are charged by the ionizer and collected using electrostatic precipitation



# Nanoform is here to fill the gap

The solution to low bioavailability is to decrease the particle size of the Active Pharmaceutical Ingredient (API)

Giving  
unsuccessful  
drug candidates a  
second chance

> **58,000** failed  
drugs in the last 40  
years\*

Improving  
existing  
drugs

> **5,800**  
existing drugs\*

Enabling  
new drugs

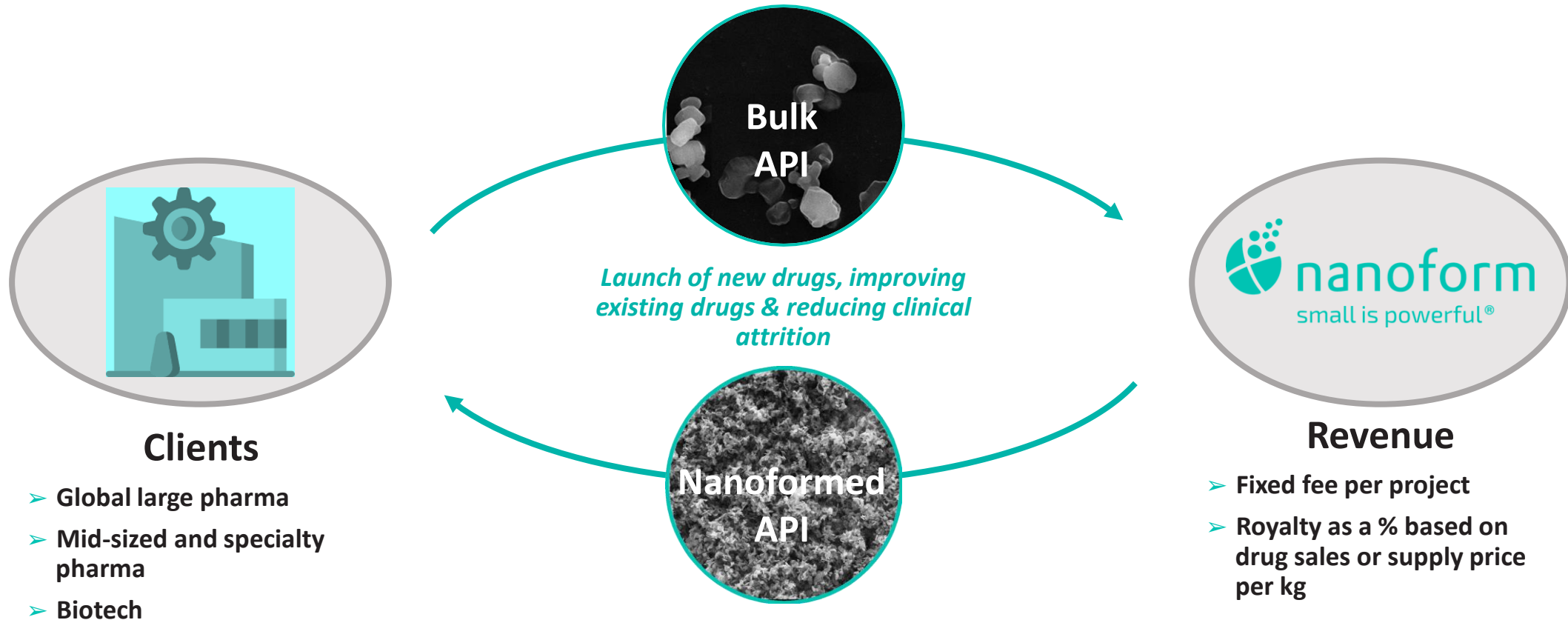
> **20,000**  
drugs in  
development\*

Nanoform's CESS® is the only technology that can manufacture nanoparticles without solvents, excipients, and complex production processes



# Simplified value chain

## High level overview of Nanoform's value chain and business model



➤ Nanoform nanoforms APIs for the pharma and biotech industry using its patented CESS® technology



# CEO REVIEW

# A record 11 new customer projects signed in Q2 and targeting first license/commercial supply agreement in 2024

A record 11 new customer projects in Q2.

GMP manufacture for "Project Blockbuster" is being completed.

*Targeted timeline for one or several license/commercial supply agreements in 2024.*

Marketing Authorization application submitted to FIMEA\*.

*For Nanoforming of API's to be used in products with a Marketing Authorization.*

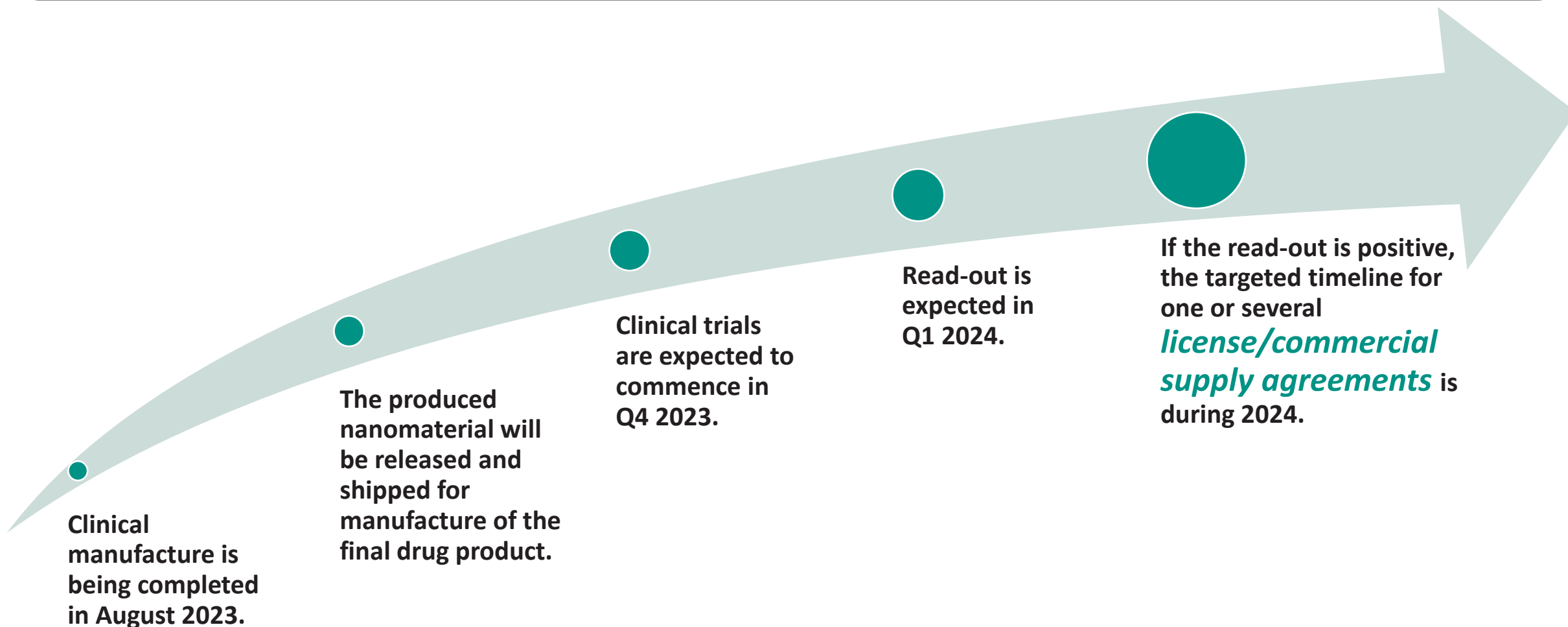
Operating free cash flow continues to improve.

Received notice of allowance from US Patent & Trademark Office for our US biologics patent application.

Conducted promising initial *in-vitro* trials with two major pharma companies looking at monoclonal antibodies.



# Project Blockbuster – a potential game changer for Nanoform



*Project Blockbuster: The development and commercialization of a more patient centric and nanoformed version of an existing blockbuster drug.*



# Nanoform near-term business targets 2023

Topic	Target	Status
Customer Projects	<i>“ Increased number of non-GMP and GMP projects signed in 2023 vs 2022 ” *</i>	<i>On track</i>
Operating Free Cashflow	<i>“ Improved operating free cashflow in 2023 vs 2022 ” **</i>	<i>On track</i>

# Nanoform mid-term business targets 2025

**>70**  
new APIs per  
year

**35** lines  
of which  
7-14 are  
GMP compliant

**200-250**  
employees

**>90%**  
gross margin

Cash flow  
positive





COMMERCIAL



# Revenue drivers & industry attrition rates

## Nanoform pre-clinical and clinical revenue drivers

### Non-GMP

#### Proof of Concept (PoC)

- # of active customers
- # of APIs per customer
- Price per PoC per API

#### Proof of Process (PoP)

- Attrition between PoC and PoP
- Price per PoP per API
- Time lag between PoC and PoP

### GMP

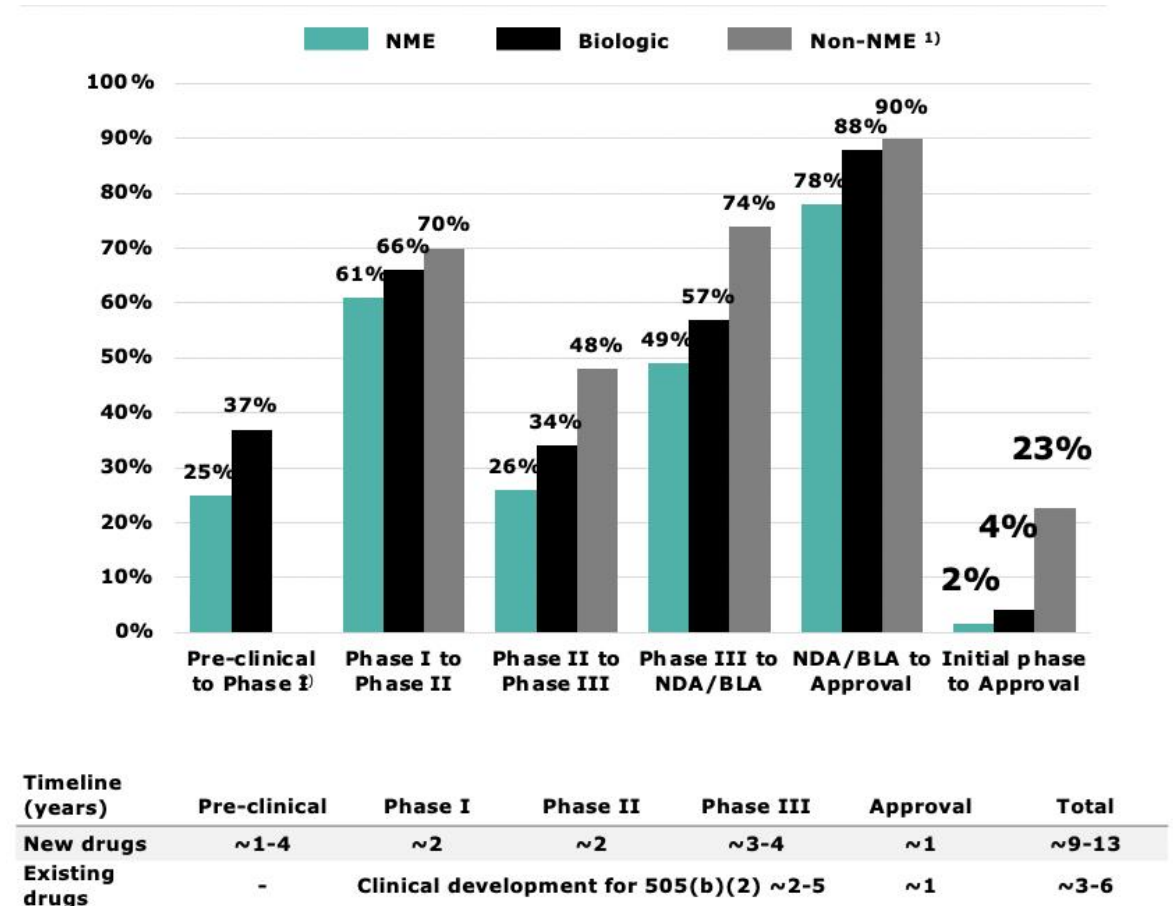
#### Phase I, II & III and/or 505(b)(2)

- Attrition between previous and current phase
- Price per phase per API
- Time lag between previous and current phase
- # of customers with 505(b)(2) strategy
- Proportion of new drug candidates and 505(b)(2) APIs

#### Drugs on the market

- # of drugs on the market using CESS®
- License fee & royalty level per drug
- Net revenues per drug
- Time lag Phase II and market (505b2)
- Time lag Phase III and market
- Speed of uptake on market

## Global Pharmaceutical industry's pre-clinical and clinical success rates





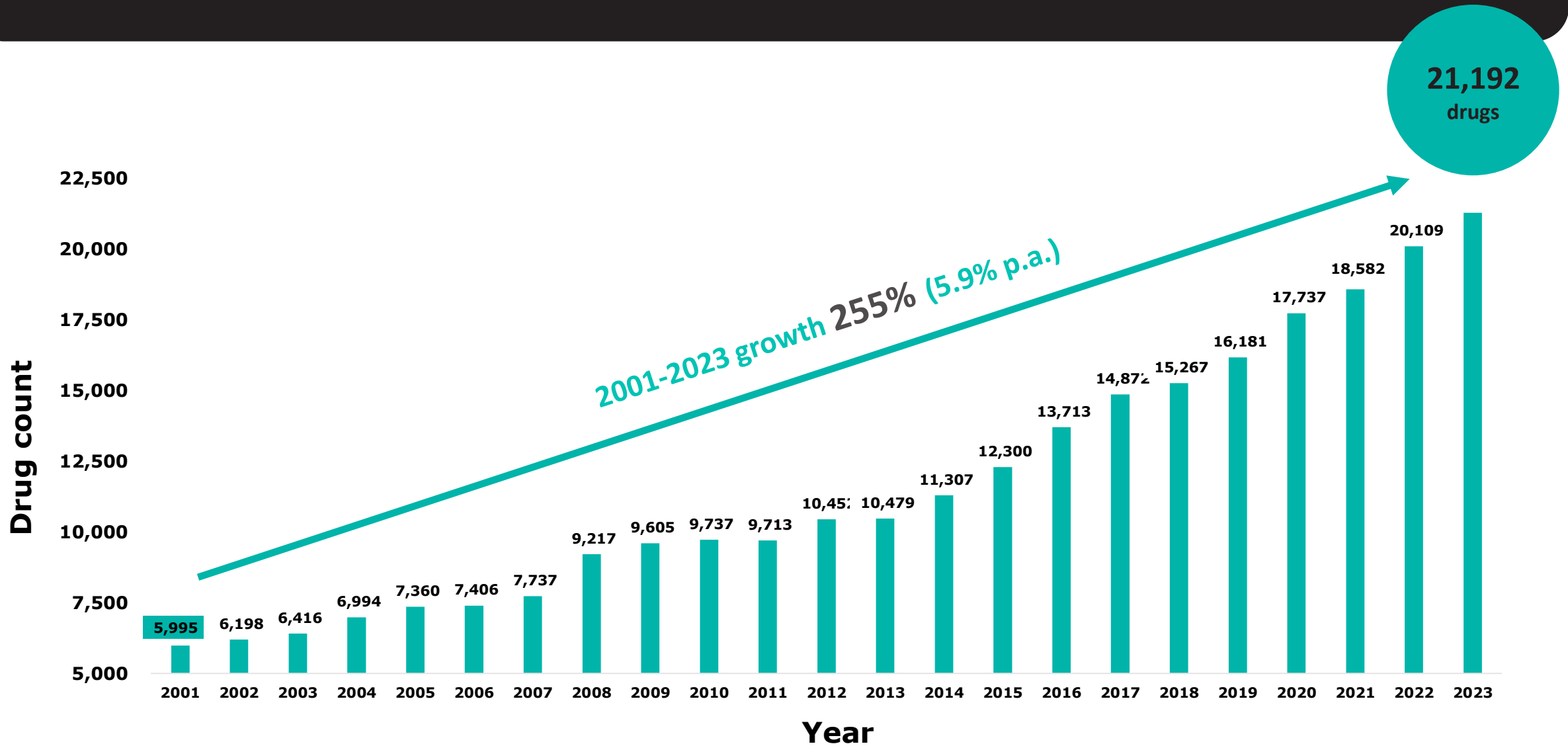
# Nanoform – Attractive revenue model, stands the test of time

Predictable revenue streams through capitalizing the entire pharmaceuticals value chain

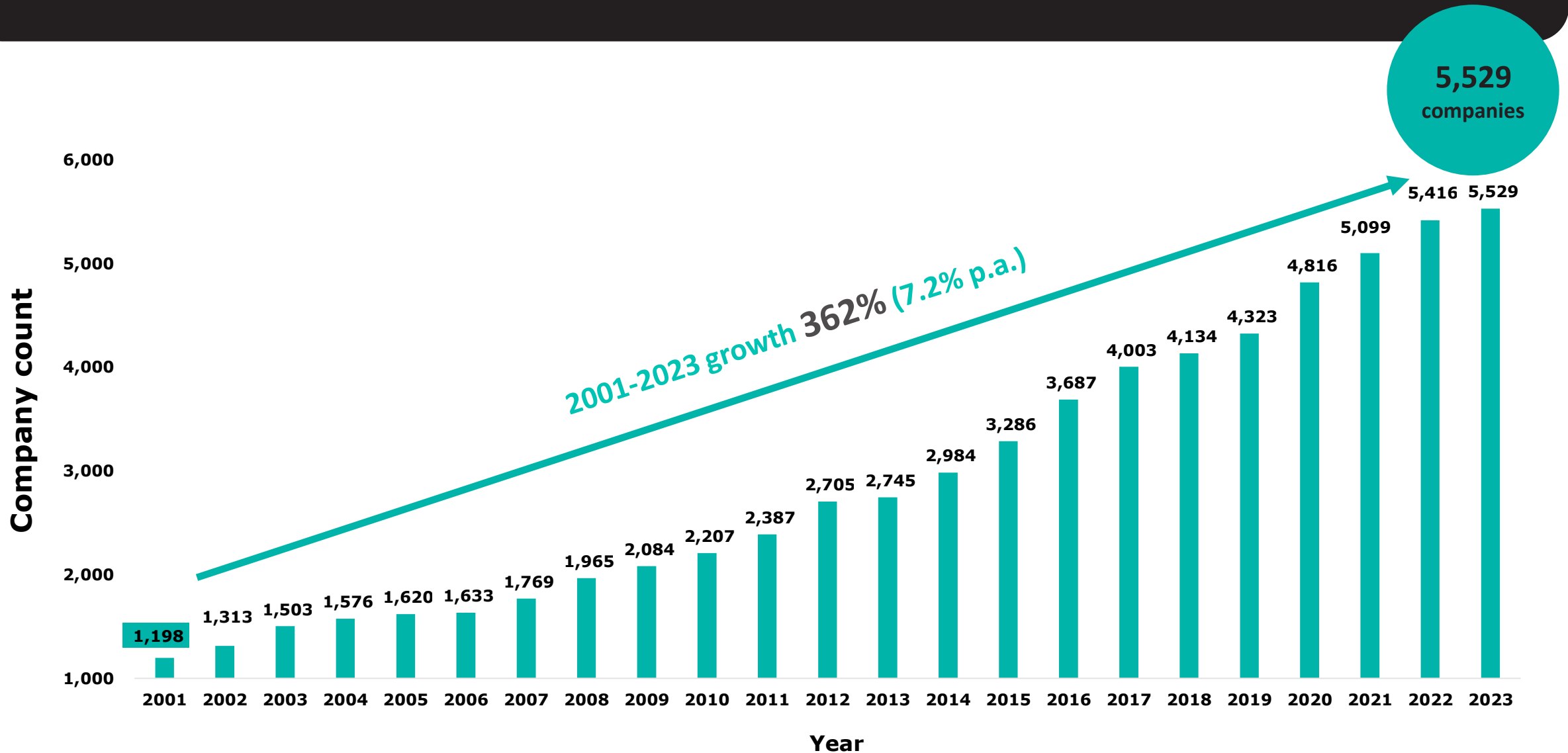
Phase	Proof of Concept / Proof of Process	Phase I – III trials	Drugs on the market
Certification	Non-GMP	GMP	GMP
Description	<ul style="list-style-type: none"> <li>➤ <i>Proof of concept study</i> - assessment of the possibility to nanoform a specific API</li> <li>➤ <i>Proof of process study</i> - definition of parameters to establish the optimal process and controls for a specific API</li> </ul>	<ul style="list-style-type: none"> <li>➤ API for clinical trials are manufactured in Nanoforms GMP facility</li> <li>➤ Supply of material for customers' Phase I, II and III trials</li> <li>➤ Nanoform gets paid regardless of the outcome of the trials</li> </ul>	<ul style="list-style-type: none"> <li>➤ Drugs that have passed the trials and reached commercialization</li> <li>➤ In practice, if a company has taken its drug through Phase II trials, it is difficult to switch manufacturer</li> <li>➤ Significant potential from patent extension (505b2 projects) of drugs already on the market</li> </ul>
Revenue model	<u>Fixed fee per project</u> Estimated project fee of EUR 50-500k per API per project	<u>Fixed fee per project</u> Estimated project fee of EUR 0.5-10m per API per phase	<u>Royalty as a % on drug sales or supply price per kg</u> Estimated royalty fee of 1-20%

➤ Attractive business model with diversified risk profile due to not having to carry the cost & risk of drug development or being dependent on a single drug

# Global drug R&D pipeline size and growth



# Global number of companies with active pipelines



## Strong project intake

**17** new projects signed in H1,  
both with new and repeat  
customers

US

Europe

Japan



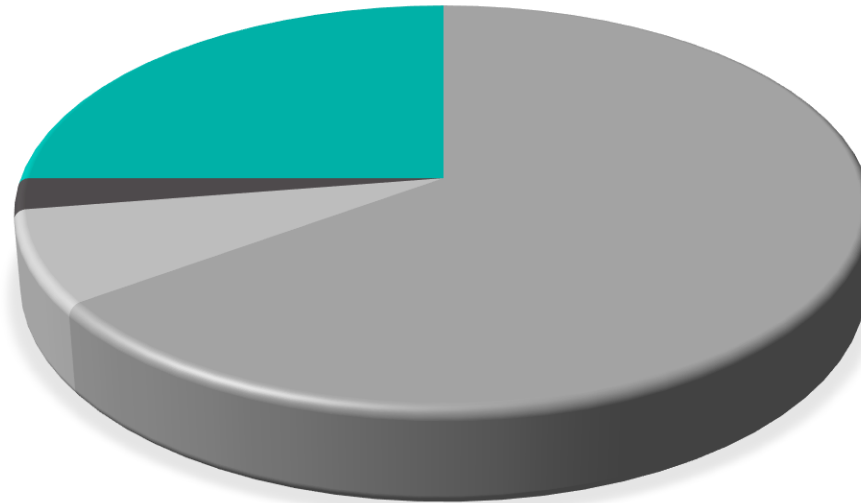
# Commercial Relationships 2019 to Q2 2023

**10 major pharma  
companies**

**26 mid-sized,  
specialty pharma &  
biotech companies**

**1** co-development

**3** collaborations

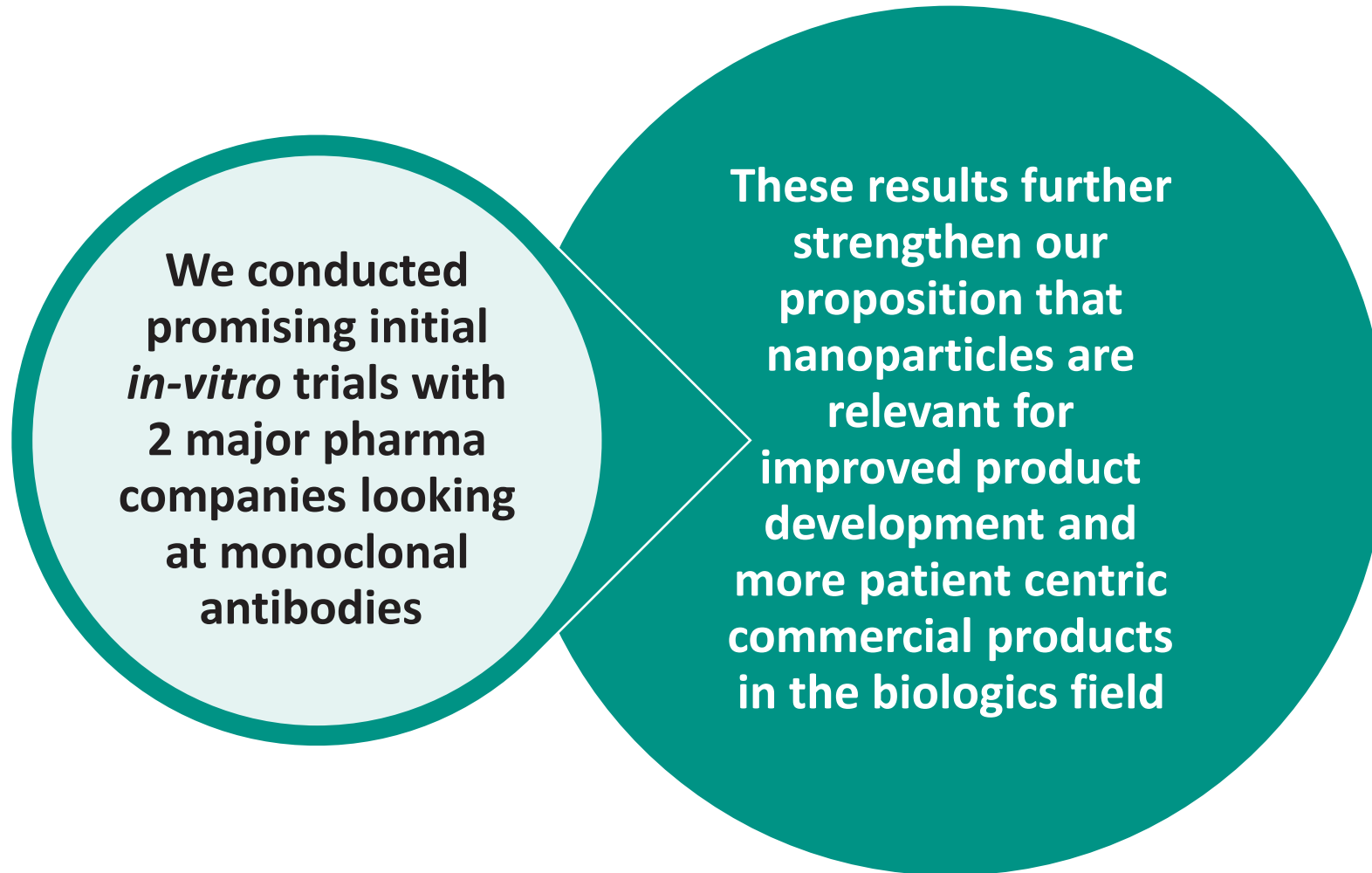


# *A Selection of Nanoform Pharmaceutical Partnerships*

*10 of the top 20 Major Pharma and many Biotechs including*



# Monoclonal Antibodies' (mAb's)



# Small is a powerful ingredient in formulation

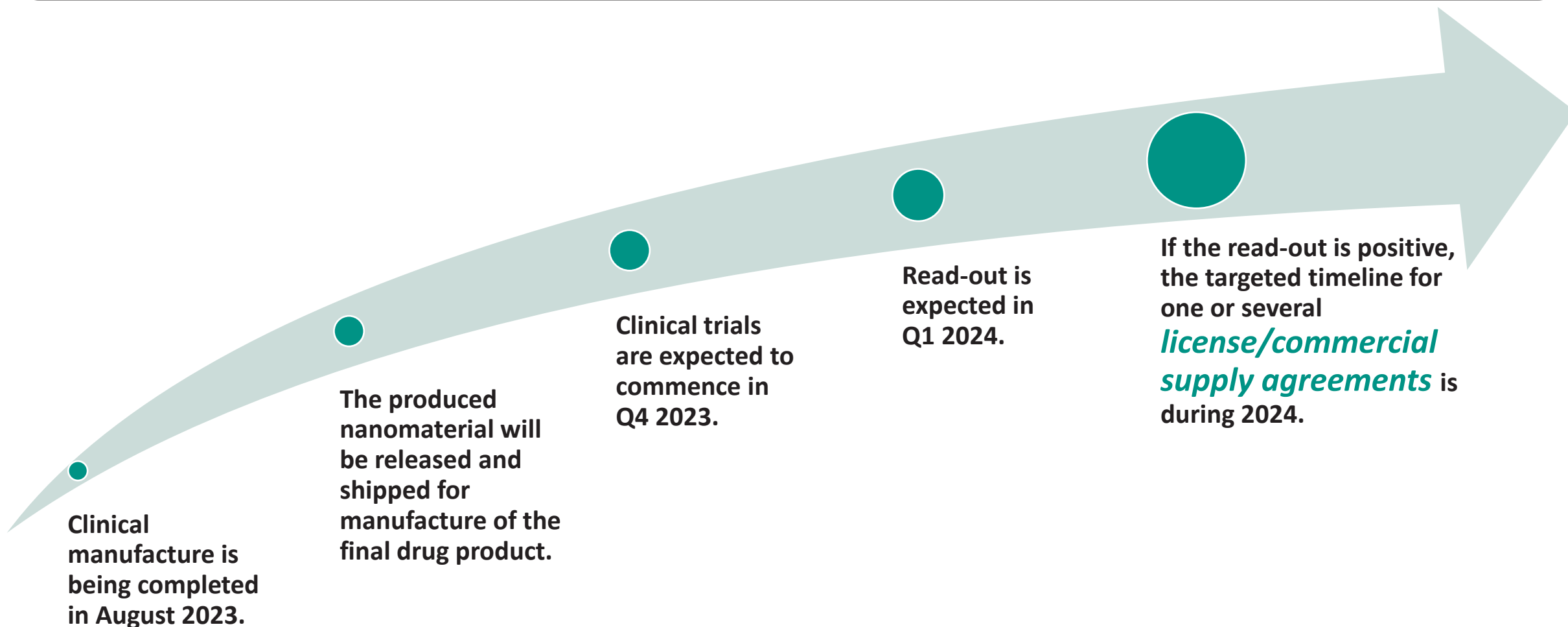
## Celanese

- Nanoform and Celanese collaboration demonstrated significant reduction in the initial burst effect seen commonly in high drug load implants by combining Nanoform's CESS® particles with Celanese's Celanese VitalDose® EVA copolymer delivery technology for drug-eluting implants.
- We also demonstrated that nanoformed particles can enable longer sustained release properties for long-acting drug products and smaller implants.
- Celanese case study:  
<https://nanoform.com/en/nanoform-and-celanese-use-drug-nanoparticles-to-modify-the-release-kinetics-of-ethylene-vinyl-acetate-long-acting-implants/>

## TargTex

- Customer TargTex hit another important milestone in July.
- TargTex had a pre-IND meeting with the FDA to discuss its glioblastoma program with Nanoformed API.
- The positive feedback from the FDA clarifies the regulatory path towards taking the treatment to the clinic
- Nanoform's Collaboration with TargTex video:  
<https://nanoform.com/en/nanoforms-collaboration-with-targtex-2/>

# Project Blockbuster – a potential game changer for Nanoform



*Project Blockbuster: The development and commercialization of a more patient centric and nanoformed version of an existing blockbuster drug.*

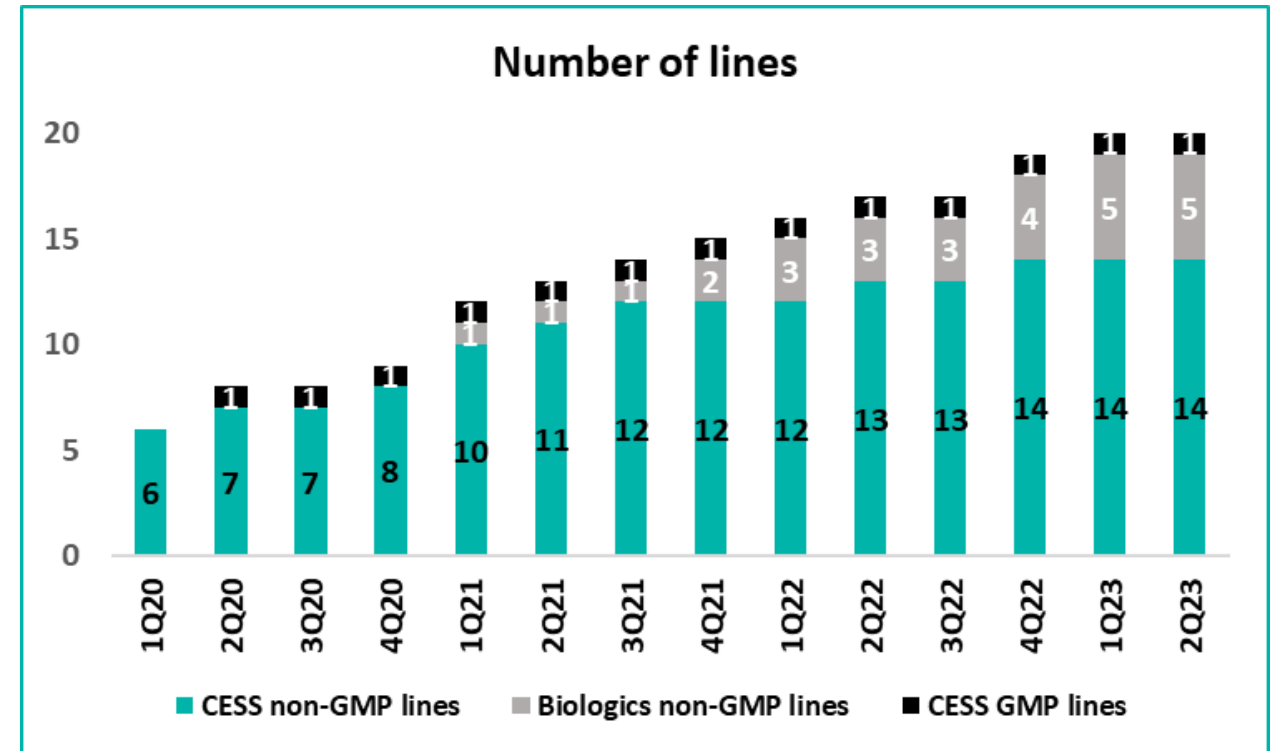
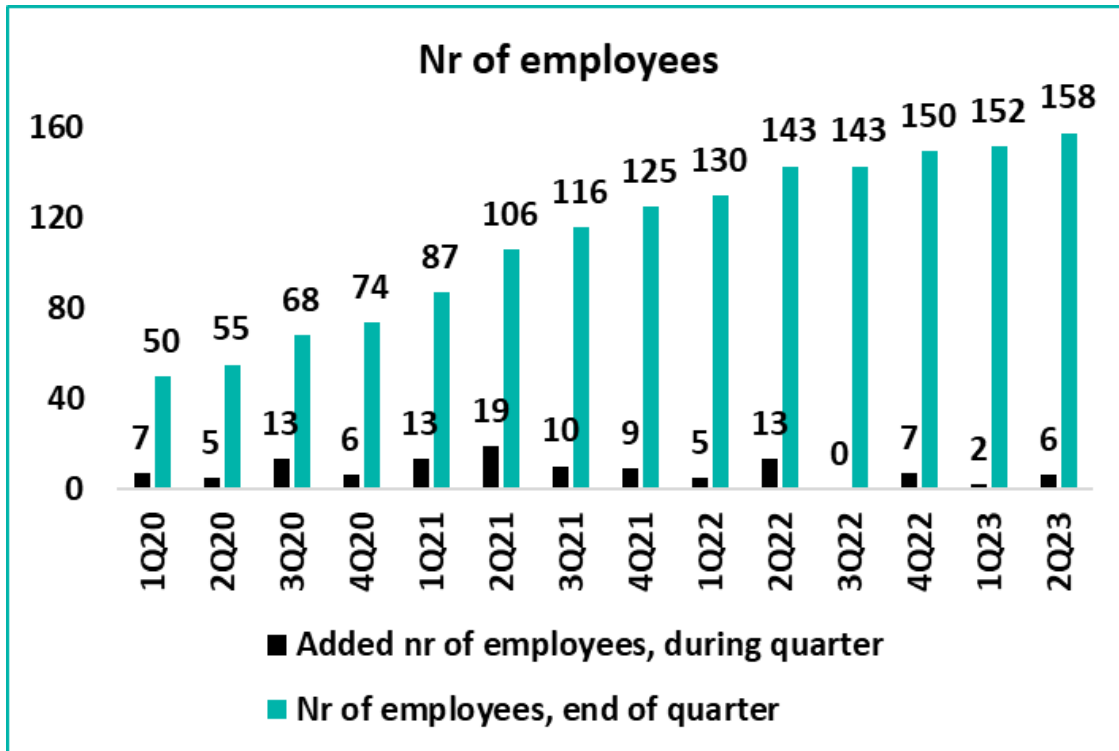




# Q2 2023 FINANCIALS



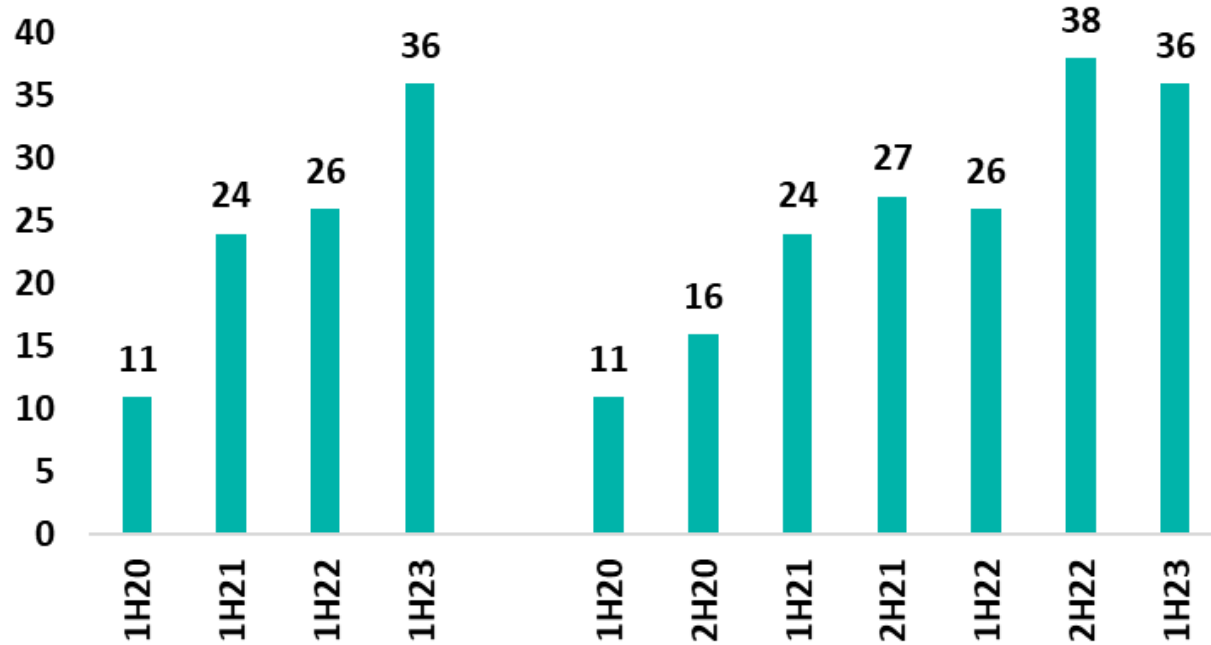
# Nr of employees & nr of lines



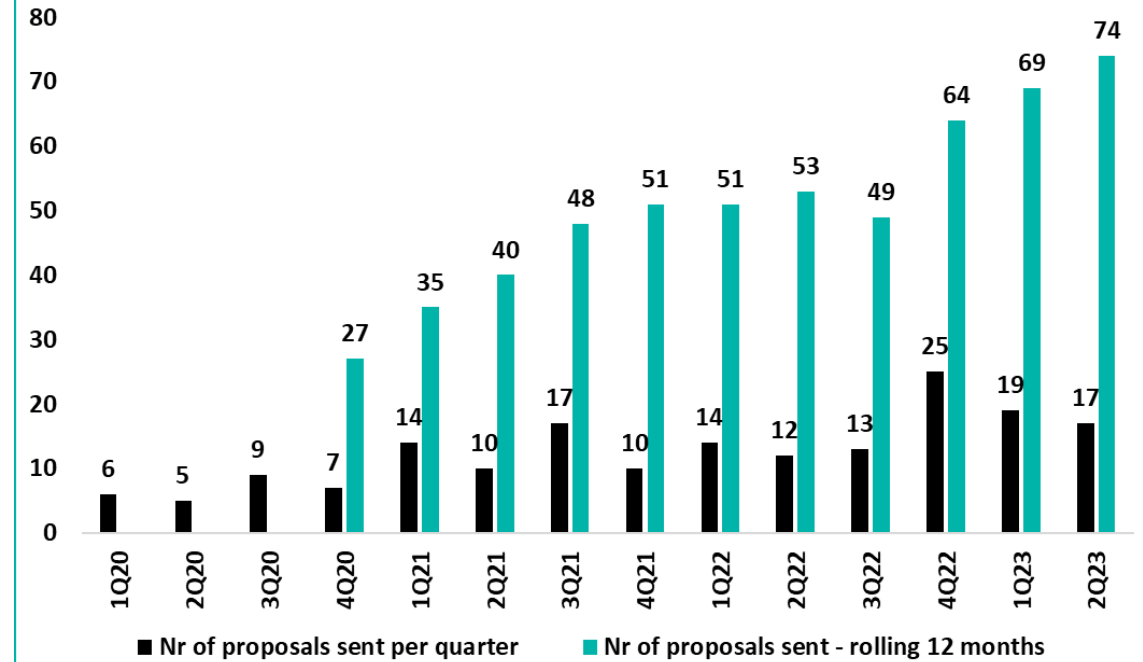
GMP lines 2&3 will be commissioned after inspection by Fimea, expected later in 2023.

# Customer momentum returned in 4Q22 and has continued

Nr of proposals issued

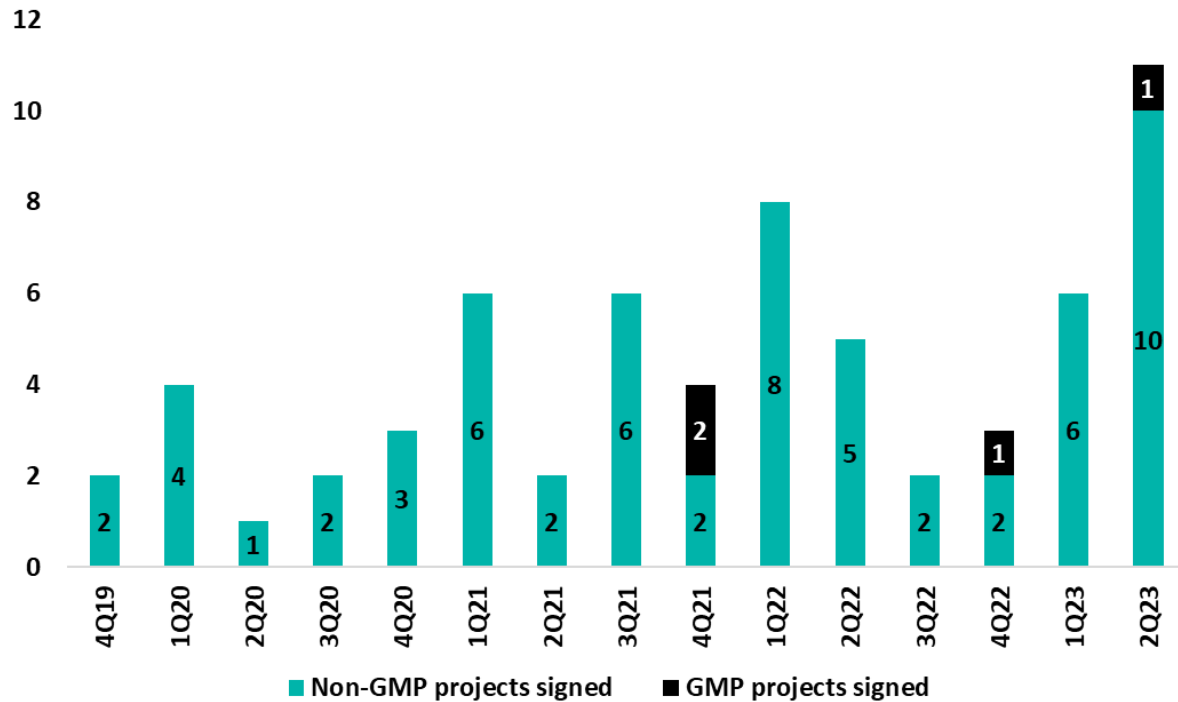


Nr of proposals issued

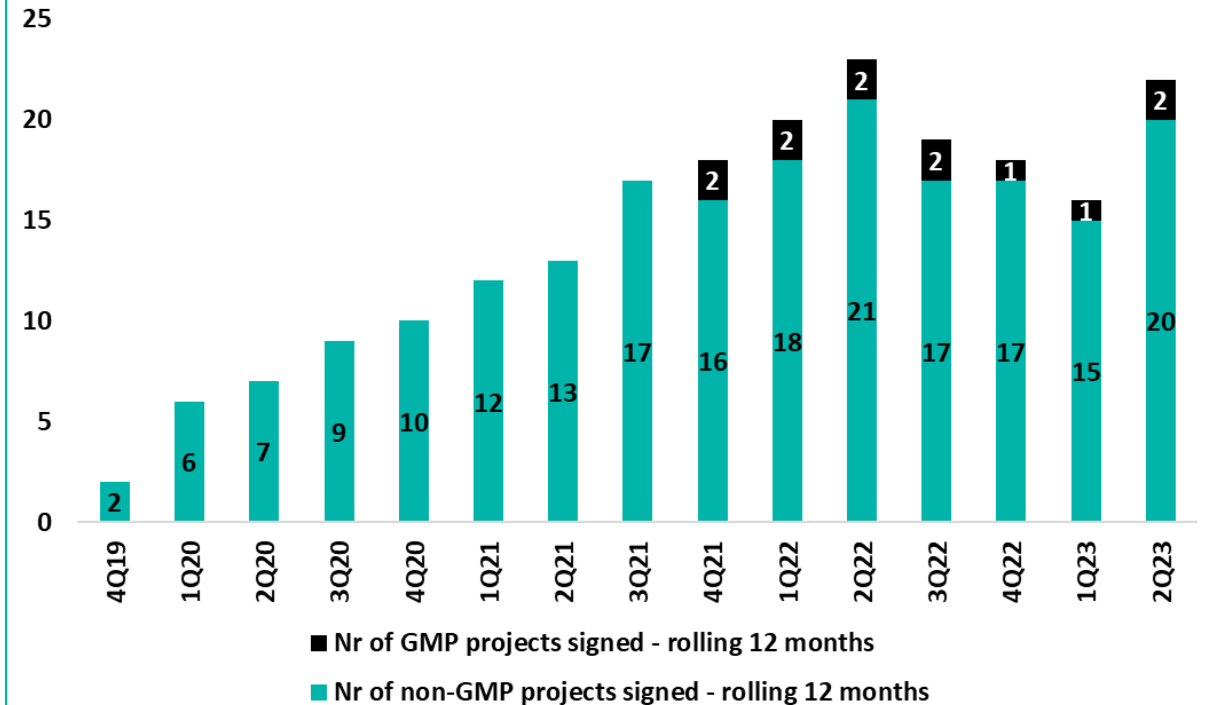


which led to record signings in 2Q23

Nr of projects signed

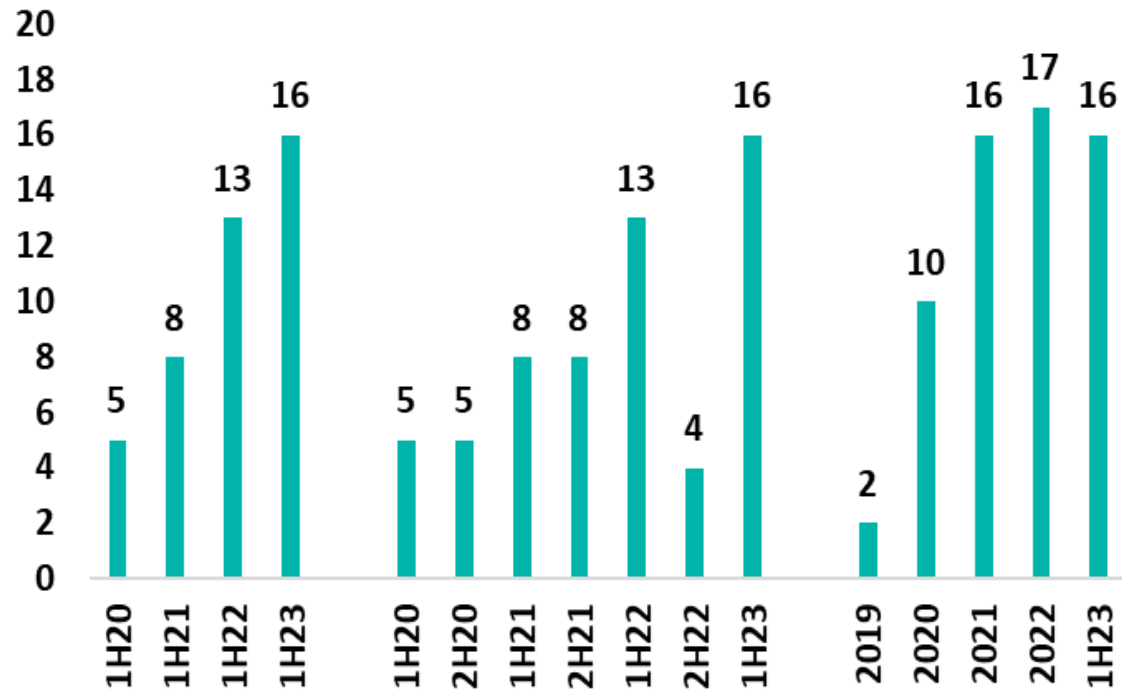


Nr of projects signed - rolling 12 months

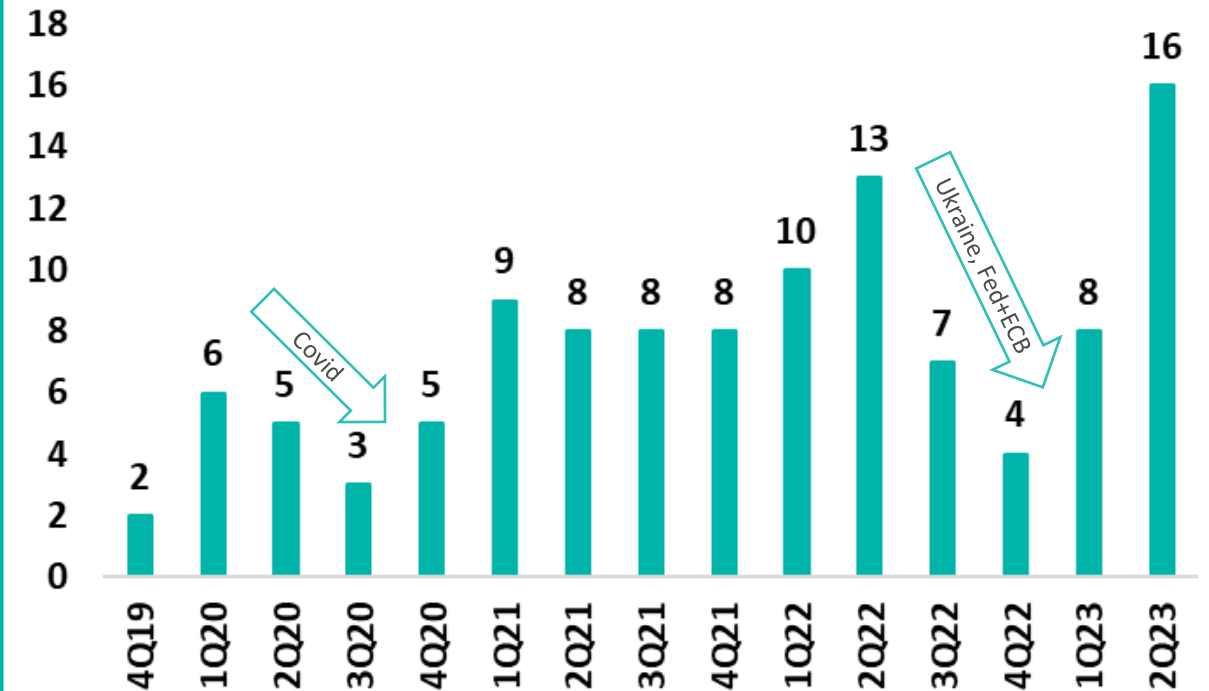


# Rolling 6 month signings back at growth trend

Nr of non-GMP projects signed

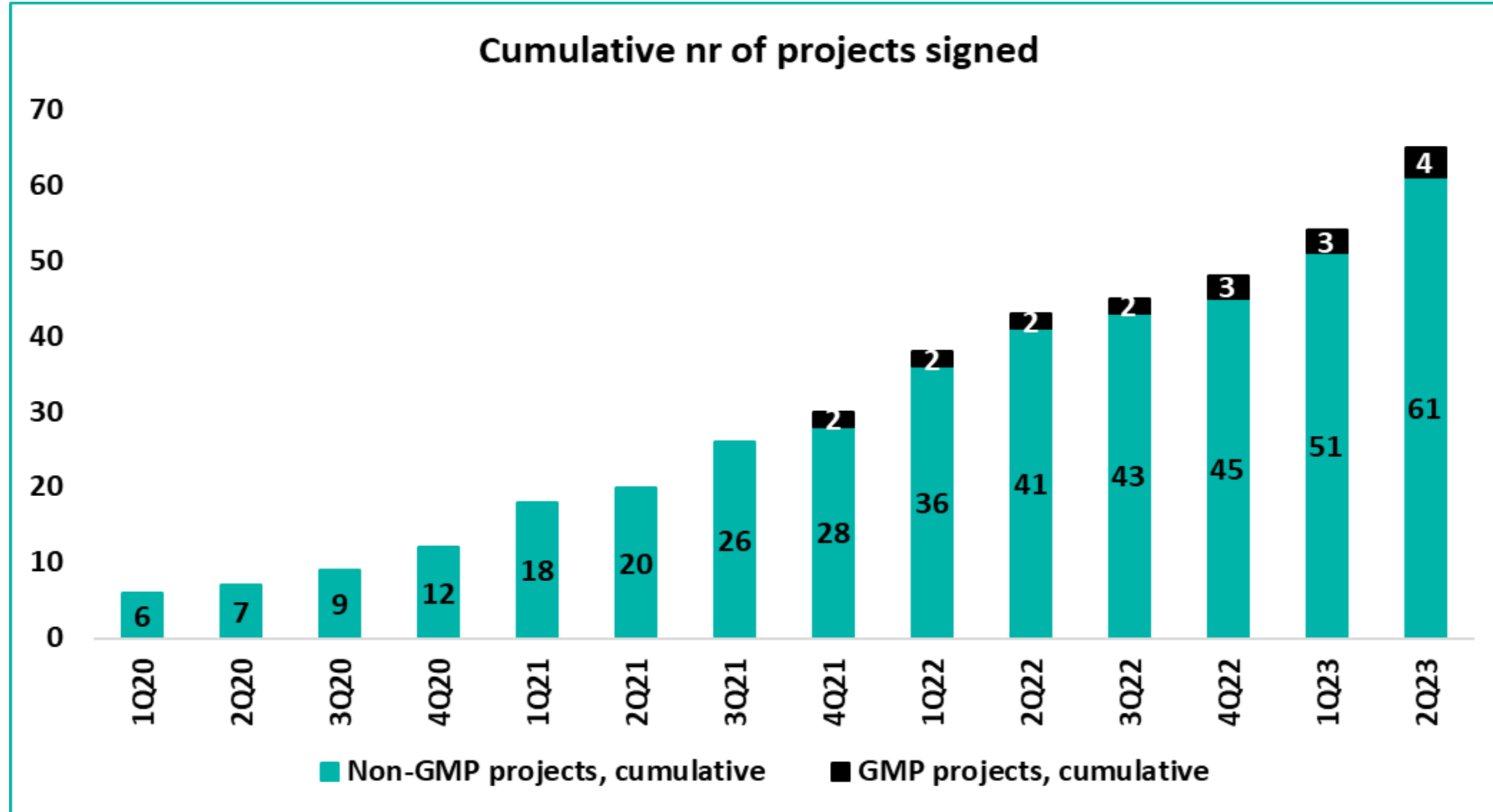


Nr of non-GMP projects signed - R6M





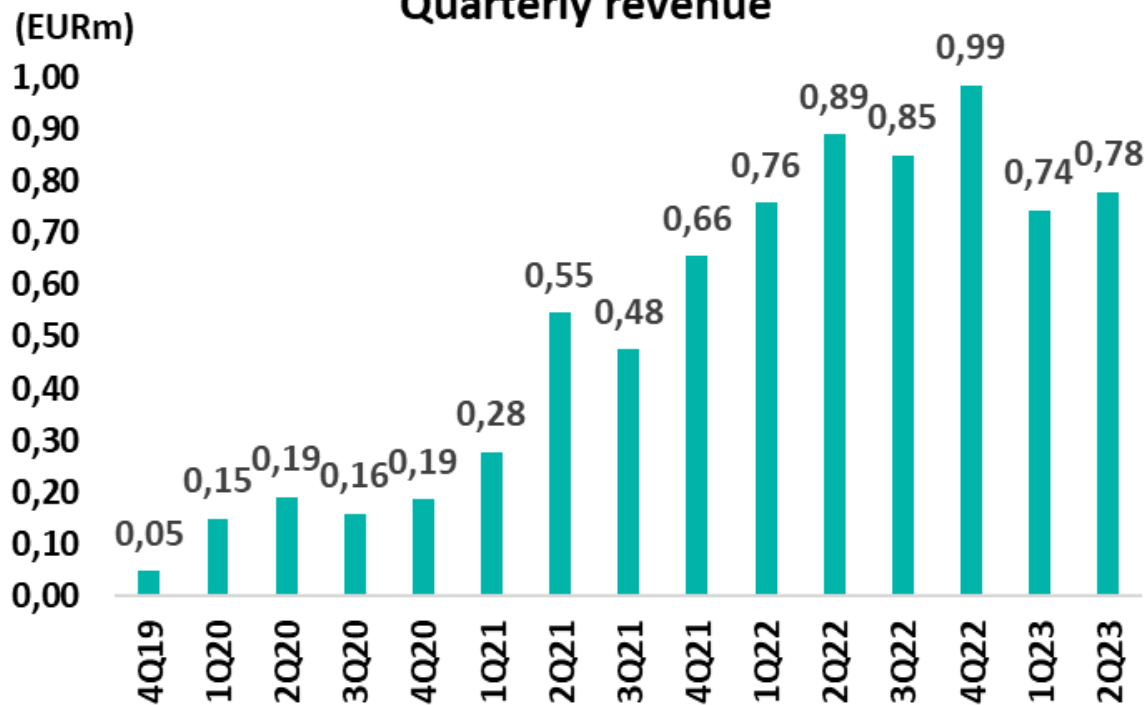
# Our Experience, Expertise & Efficiency continues its fast growth



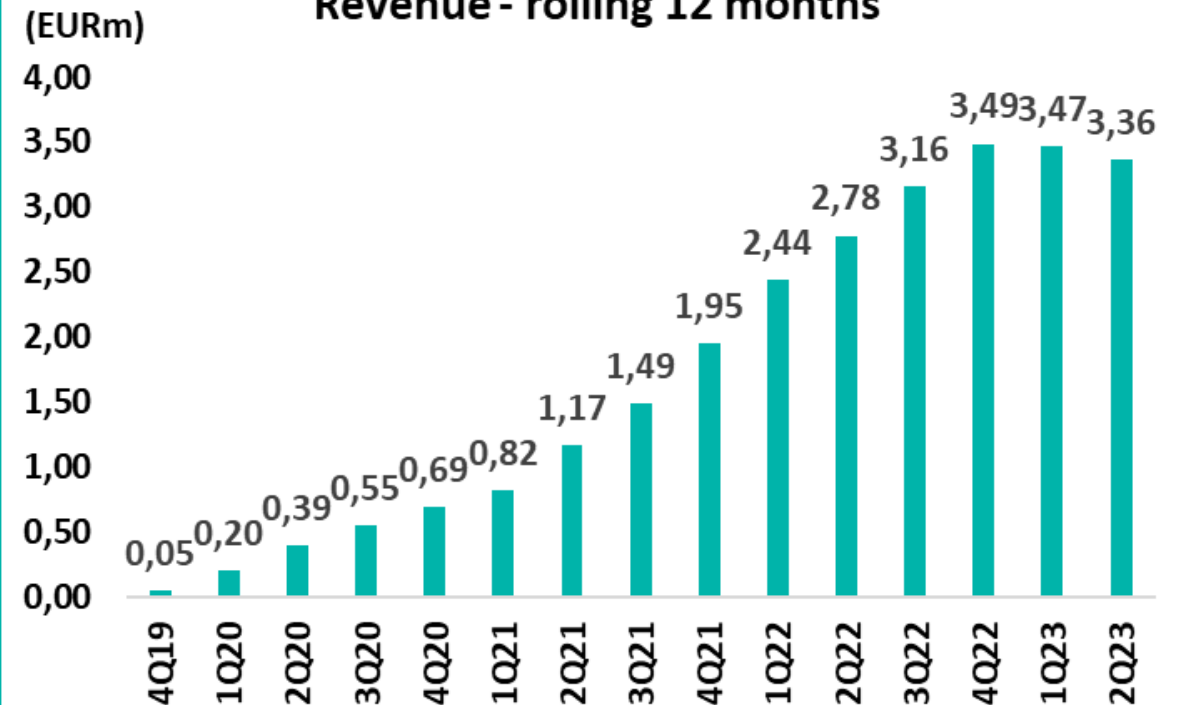
Cumulatively we have >10 000hrs of experience running nanoforming lines

# Revenue recognized impacted by slow signings in 2H22, marginal impact on rolling 12m

Quarterly revenue

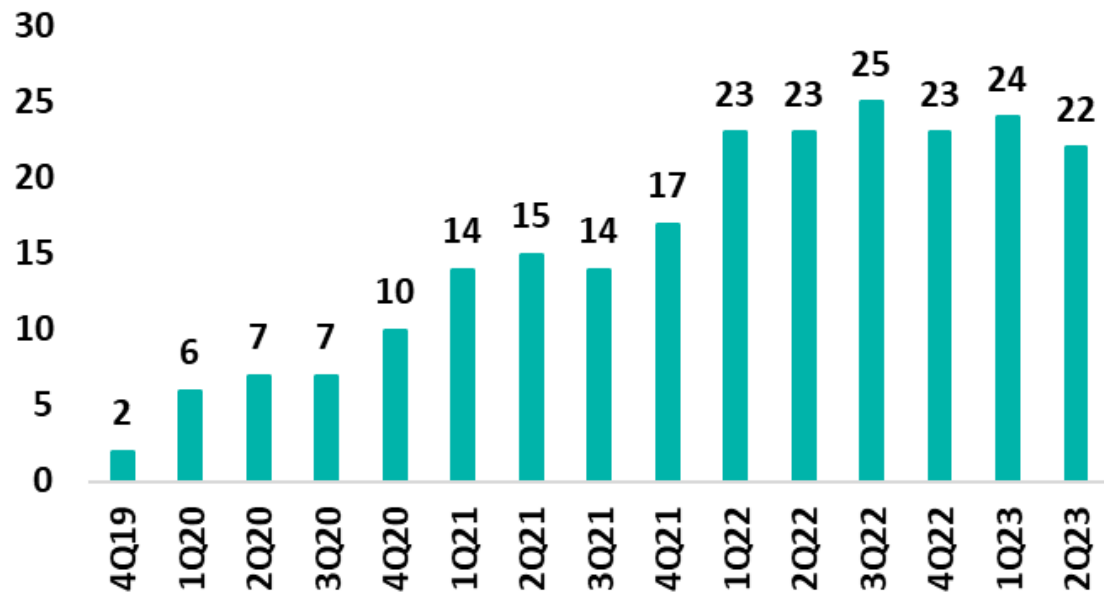


Revenue - rolling 12 months

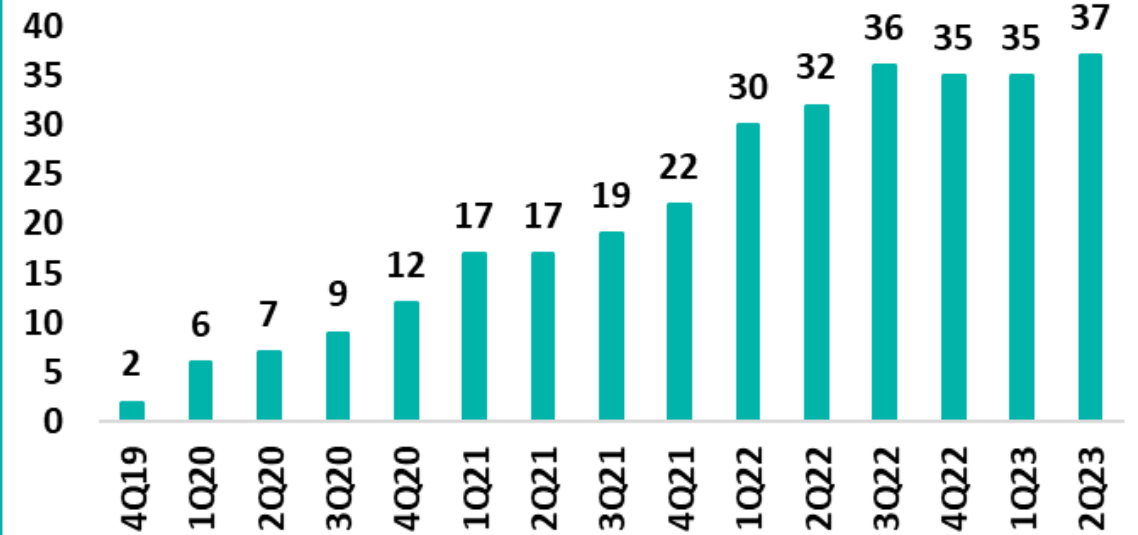


# Nr of projects generating revenue\*

Nr of revenue generating projects in quarter



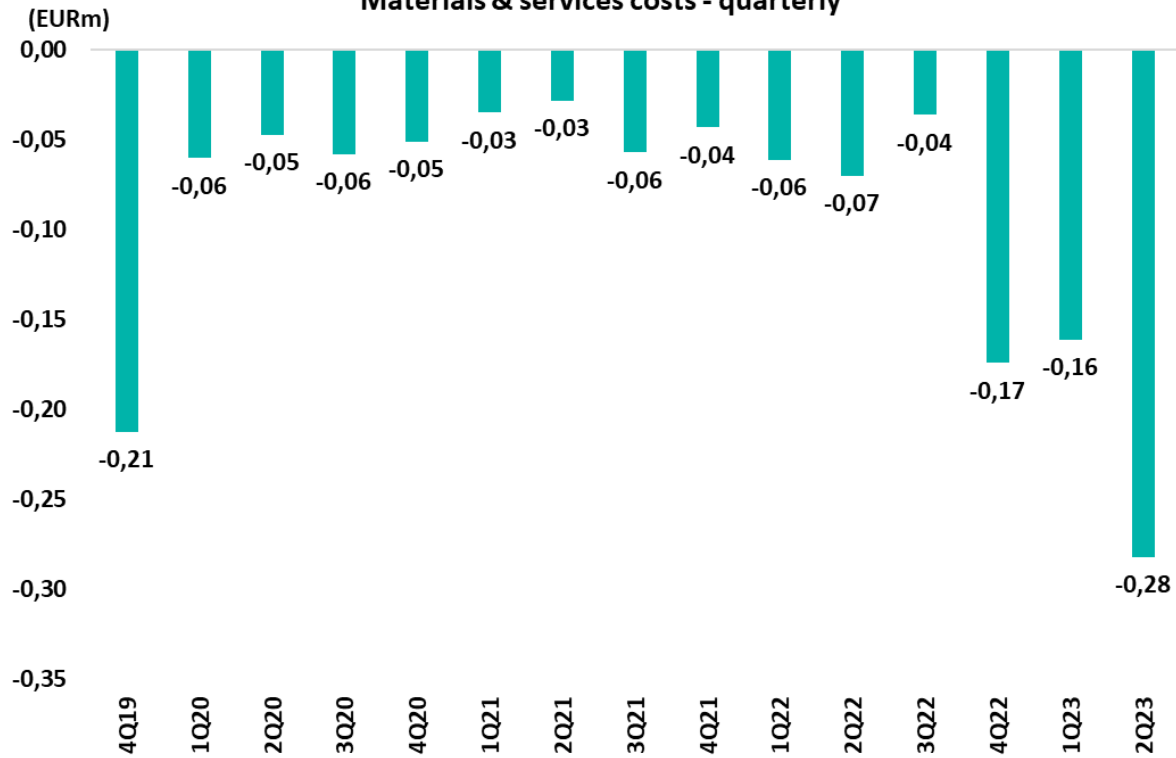
Nr of revenue generating projects  
-rolling 12 months



\*Impact on revenue can in a quarter for some of the projects be negative if budgeted costs increase significantly (often related to hours worked).

# Project Blockbuster has led to increased external GMP QC cost

Materials & services costs - quarterly

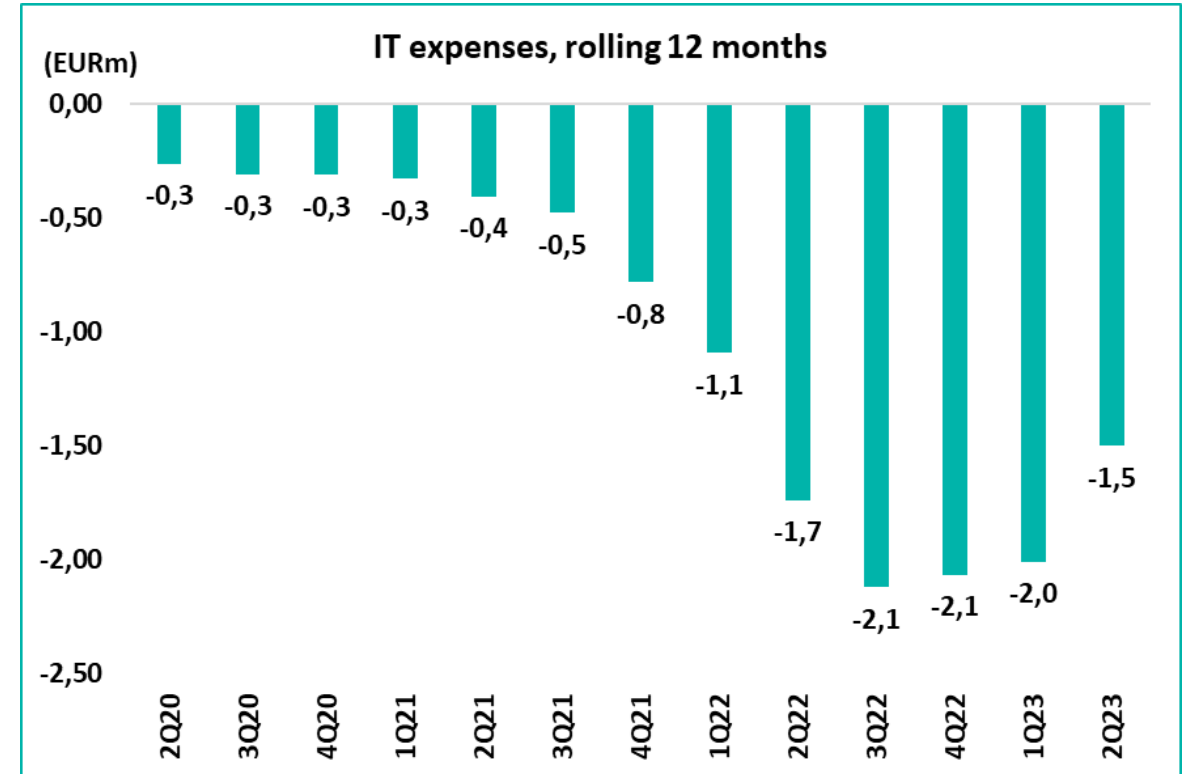
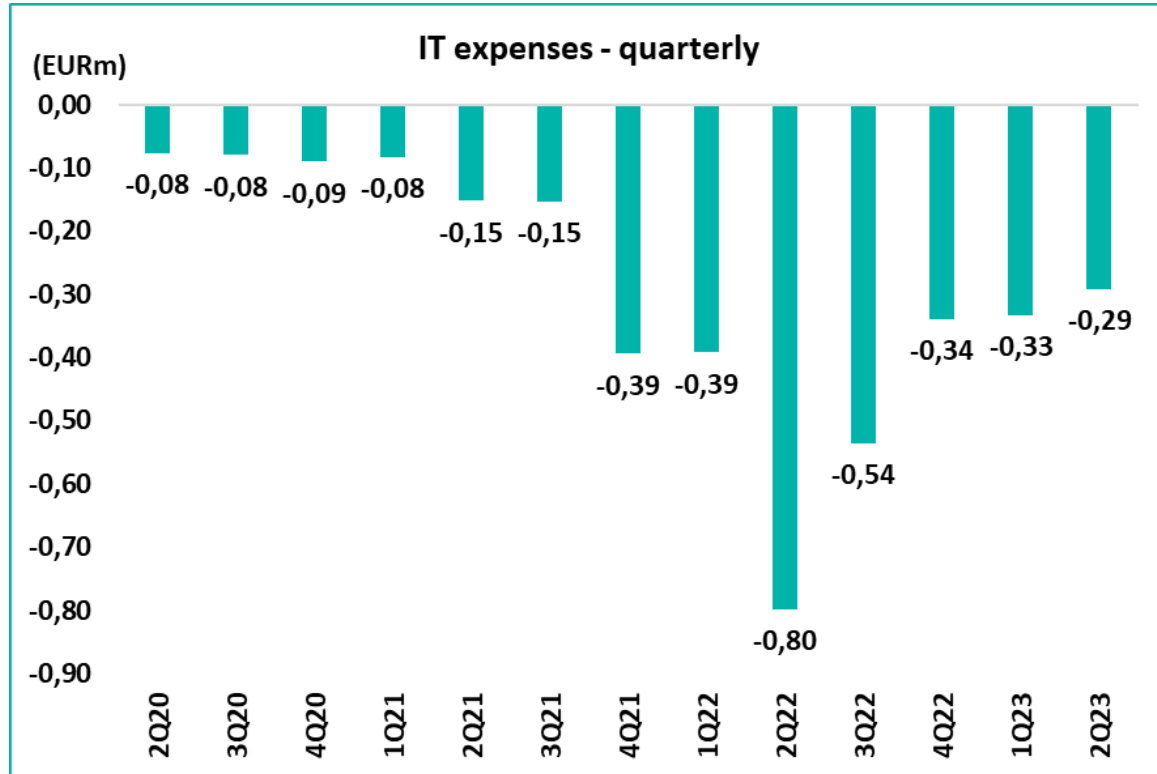


Materials & services costs, rolling 12 months



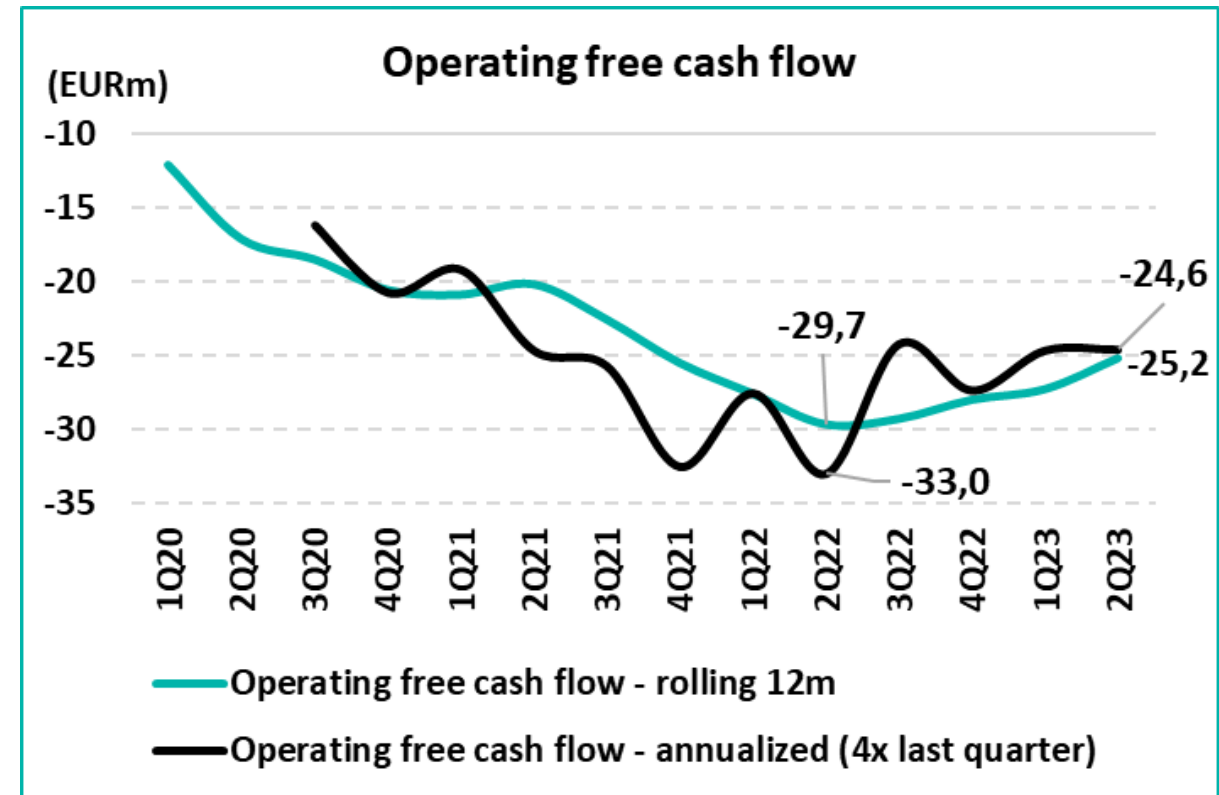
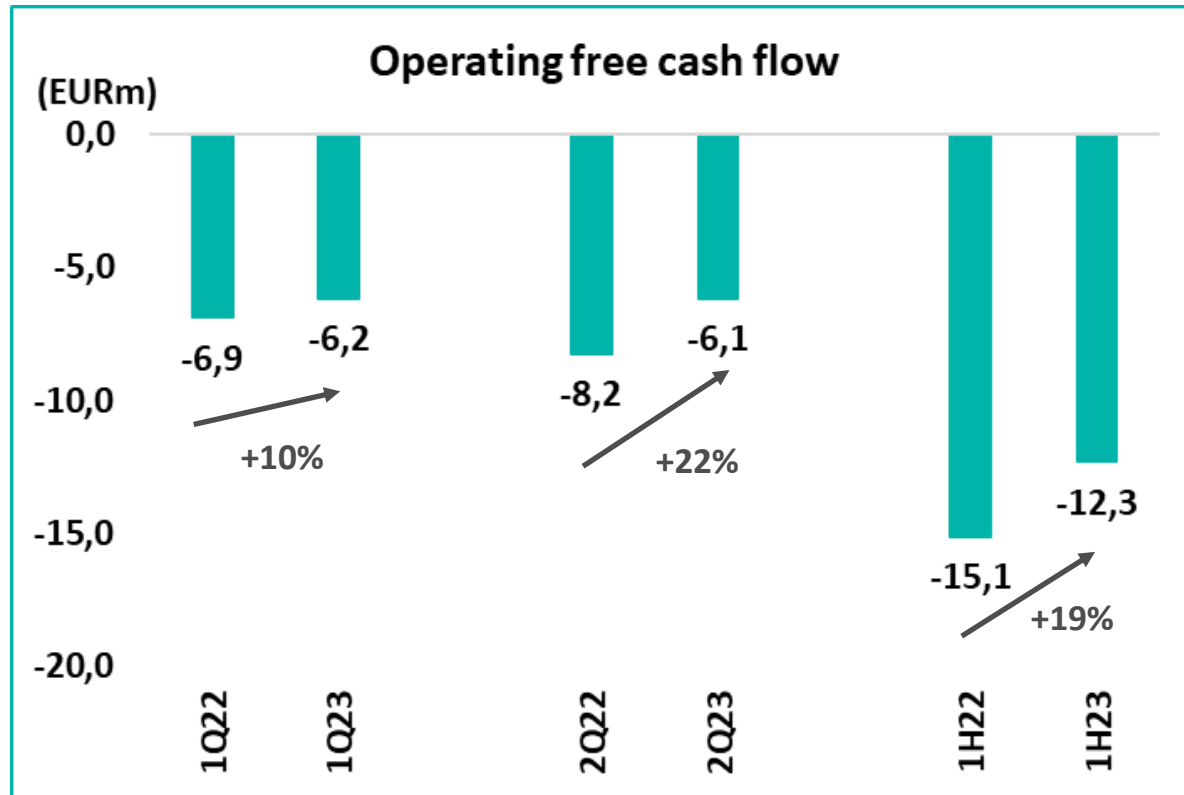
Excluding the cost of external GMP QC services, related to the Blockbuster project, our underlying materials & services costs have remained between EUR 30-60k per quarter. In June, Nanoform submitted a notification to the Finnish Medicines Agency (Fimea) to update our Manufacturer's Authorization (MIA). The notification included our new Quality Control laboratory (GMP QC) and an inspection is expected to take place later in 2023. This will help our gross margin return to the 90+ levels we target.

# IT expenses has fallen back after successful SAP implementation





# Improvement in operating free cash flow continued in 2Q



# Financial KPI's

EUR thousand	4-6/2023	4-6/2022	1-6/2023	1-6/2022	1-12/2022	1-12/2021	1-12/2020
Revenue	780	890	1,524	1,650	3,487	1,955	687
Revenue growth %	-12%	63%	-8%	100%	78%	185%	n.m.
Gross profit	498	820	1,081	1,519	3,147	1,792	497
Gross margin	64%	92%	71%	92%	90%	92%	72%
EBITDA	-5,372	-5,484	-9,865	-10,057	-19,027	-17,745	-18,196
Operating loss	-6,103	-6,070	-11,251	-11,183	-21,409	-19,705	-19,423
Loss for the period	-6,804	-6,058	-11,295	-11,352	-22,075	-19,690	-19,441
Basic EPS (EUR)	-0.09	-0.08	-0.14	-0.15	-0.29	-0.29	-0.35
Net debt	-50,327	-75,727	-50,327	-75,727	-61,807	-68,070	-54,156
Net debt excluding lease liabilities	-56,843	-83,003	-56,843	-83,003	-68,740	-75,733	-59,977
Investments in property, plant, and equipment	-766	-2,759	-2,428	-5,063	-8,965	-7,737	-2,336
Operative free cash flow	-6,138	-8,243	-12,293	-15,120	-27,992	-25,482	-20,532
Cash and cash equivalents excluding short-term government bonds (end of period)	43,910	83,003	43,910	83,003	68,740	75,733	61,025
Cash and cash equivalents including short-term government bonds (end of period)	56,843	83,003	56,843	83,003	68,740	75,733	61,025

# Operational KPI's

	4-6/2023	4-6/2022	1-6/2023	1-6/2022	1-12/2022	1-12/2021	1-12/2020
Number of new customer projects signed during the period							
Non-GMP	10	5	16	13	17	16	10
GMP	1		1		1	2	
<b>Total number of new customer projects</b>	<b>11</b>	<b>5</b>	<b>17</b>	<b>13</b>	<b>18</b>	<b>18</b>	<b>10</b>
Number of lines (end of the period)							
Non-GMP	19	16	19	16	18	14	8
GMP	1	1	1	1	1	1	1
<b>Total number of lines (end of period)</b>	<b>20</b>	<b>17</b>	<b>20</b>	<b>17</b>	<b>19</b>	<b>15</b>	<b>9</b>
Number of employees (end of the period)	158	143	158	143	150	125	74

# Income Statement

## Consolidated statement of comprehensive income

EUR thousand	Note	4-6/2023	4-6/2022	1-6/2023	1-6/2022	1-12/2022
Revenue	4	780	890	1,524	1,650	3,487
Other operating income						
Materials and services		-282	-70	-443	-131	-340
Employee benefits	7	-3,822	-4,160	-7,289	-7,636	-14,010
Depreciation, amortization, and impairment losses	6	-731	-586	-1,387	-1,127	-2,382
Other operating expenses	5	-2,048	-2,144	-3,657	-3,939	-8,164
<b>Total expenses</b>		<b>-6,883</b>	<b>-6,960</b>	<b>-12,776</b>	<b>-12,833</b>	<b>-24,896</b>
<b>Operating loss</b>		<b>-6,103</b>	<b>-6,070</b>	<b>-11,251</b>	<b>-11,183</b>	<b>-21,409</b>
Finance income		798	263	3,131	495	957
Finance expenses		-1,493	-248	-3,165	-647	-1,604
<b>Total finance income and expenses</b>		<b>-695</b>	<b>15</b>	<b>-35</b>	<b>-152</b>	<b>-647</b>
<b>Loss before tax</b>		<b>-6,798</b>	<b>-6,055</b>	<b>-11,286</b>	<b>-11,335</b>	<b>-22,056</b>
Income tax		-7	-4	-9	-16	-19
<b>Loss for the period</b>		<b>-6,804</b>	<b>-6,058</b>	<b>-11,295</b>	<b>-11,352</b>	<b>-22,075</b>

## 1-6/2023 comments

- Revenue fell by 8 % to EUR 1,524 thousand (1,650) as a result of slower project intake during 2H22. The revenue stemmed from 28 different customer projects (28 projects in 1H22). Revenues are recognized over the lifetime of the projects, based on expenses (mostly hours worked) booked for the projects.
- The gross profit fell to EUR 1,081 thousand (1,519), while the gross margin fell to 71% (92%). Excluding external GMP QC costs related to project Blockbuster, the gross margin was roughly 95%.
- The operating free cash flow improved by 19% to EUR –12.3m (-15.1m), helped by lower investments in property, plant and equipment (EUR 2.4m vs 5.1m). Operating costs, excluding depreciation, fell compared with 1H22.
- Cash position (incl. T-bills) was EUR 56.8 million (EUR 83.0) at the end of 2Q23.

## 5. Other operating expenses

The decrease in other operating expenses stems mainly from the decrease in IT expenses (SAP S4/ HANA was implemented in early January 2023).

EUR thousand	4-6/2023	4-6/2022	1-6/2023	1-6/2022	1-12/2022
Premises expenses	68	32	122	63	159
IT expenses	291	798	625	1,189	2,064
Marketing and communication expenses	118	175	265	342	825
Consultant and professional fees	332	270	658	639	1,355
Travel expenses	86	107	213	167	353
Voluntary personnel related expenses	161	226	353	413	781
R&D expenses - external	425	136	544	366	1,008
Other expenses	565	400	877	760	1,620
<b>Total</b>	<b>2,048</b>	<b>2,144</b>	<b>3,657</b>	<b>3,939</b>	<b>8,164</b>



An aerial photograph showing a winding road through a dense green forest, with a body of water visible on the left and right sides. The road has a yellow center line and a white edge line. A small car is visible on the road. The forest is composed of many tall, thin trees with green foliage. The water is a deep blue color.

# Q & A

[www.nanoform.com](http://www.nanoform.com)

*San Diego - New York - Lisbon - Oxford – London - Cambridge - Bordeaux - Stockholm - Helsinki*





# APPENDIX

# CESS® Superior to Existing Technologies

	Controlled Expansion of Supercritical Solutions (CESS®)	Solid dispersion (e.g. spray drying)	Jet milling	Nanomilling
Description	Extracts API from supercritical CO <sub>2</sub> by applying controlled reduction in pressure	API is dispersed into a solid material, which dissolves when exposed to an aqueous media	Application of energy to physically break down API particles to finer ones	API particle size is reduced in a liquid vehicle via grinding
Particle size	Down to 10nm	300nm-25µm	800nm-10µm	>150nm
Particle formation	Controlled crystalline or amorphous and stable	Amorphous (unstable without excipients)	Unstable (crystalline and amorphous structures)	Unstable (crystalline and amorphous – needs excipient to stabilise)
Ease of formulation	✓	✗	✗	✗
Reproducibility	✓	✓	✗	✗
Free from excipients and solvents	✓	✗	✓	✗
Yield	High	Low	High	Low
Investment	Low	High	Low	Low

# Nanoform from June 2020 IPO to June 2023

	<i>IPO June 2020</i>	<i>June 2023</i>	<i>Growth</i>
<b>Employees</b>	<b>50</b>	<b>~160</b>	<b>~3x</b>
<b>Manufacturing lines</b>	<b>5</b>	<b>~20</b>	<b>~4x</b>
<b>Customers enrolled</b>	<b>5</b>	<b>~40</b>	<b>~8x</b>
<b>Customer projects started</b>	<b>5</b>	<b>~60</b>	<b>~12x</b>



# Nanoform customer projects – therapy area overview\*

Pre-Clinical	Phase I	Phase II & III	Marketed
Cardiology	Immunology/ Inflammation	Metabolism and Endocrinology	Infectious Disease
Gastroenterology	Dermatology	Neurology (CNS)	Immunology/ Inflammation
Immunology/ Inflammation	Neurology (CNS)		Oncology
Infectious Disease	Oncology		Opthalmology
Metabolism and Endocrinology	Opthalmology		
Neurology (CNS)	Pain		
Oncology			
Opthalmology			
Respiratory			





## *Small is sustainable*

Climate change is an environmental and a public health challenge. The healthcare sector accounts for ~5% of global greenhouse gas emissions, the equivalent of a small country. The pharmaceutical industry has an obligation to innovate and evolve, placing sustainability at the forefront.

Download Nanoform Sustainability Ebook here:

<https://nanoform.com/en/sustainability-ebook/>

*Major pharma client quote:*

*“CESS® could be the green alternative to spray drying”\**





STARMAP® enables us to screen thousands of APIs simultaneously to see which are likely to be the stars that will shine the brightest. Partners are using the system not only to identify the potential for new chemical entities, but also to open up the possibility of revisiting and repurposing previously disregarded drug candidates where nanoforming will give them a second chance. Find out more here:

<https://nanoform.com/en/technologies-and-services/starmap/>

small is **green**

Small is lean through digital

The emergence of innovative artificial intelligence (AI) technologies is transforming the pharmaceutical industry. Nanoform's AI engine, STARMAP® has the capability to accelerate drug development with sustainability in mind by optimizing manufacturing processes and enhancing resource efficiency.

STARMAP® is the digital twin of our CESS® process; it leverages cutting-edge AI to predict the likely success of drug candidate molecules in our hands.

STARMAP® therefore ensures we can target only those projects we know will have the greatest chance of success, avoiding the waste of laboratory resources.

# Nanoform educational material

## VIDEOS

**PODD 2022 Video** – “How drug delivery is enabling a clinical trial for Glioblastoma” – TargTex CEO João Seixas and Nanoform CCO Christian Jones present promising data enabled by a nanoformed drug product for the treatment of glioblastoma multiforme (GBM): <https://player.vimeo.com/video/791949368>

**American Association of Pharmaceutical Scientists (AAPS) webinar** – We hosted a webinar “Tailored API Nanoparticles: How Powerful Can Small Be?” in partnership with the American Association of Pharmaceutical Scientists (AAPS): <https://player.vimeo.com/video/684197206?h=6dac8c956d>

**Nanoform’s Collaboration with TargTex Video** – TargTex CEO João Seixas discusses the value Nanoform’s CESS® technology delivered for TargTex’s novel drug candidate targeting glioblastoma: <https://nanoform.com/en/nanoforms-collaboration-with-targtex-2/>

**ADHD Awareness Month** – How can STARMAP® Online guide the way? – In recognition of ADHD Awareness Month, we discuss the value our nanoparticle technology can bring to novel medicines for ADHD: <https://player.vimeo.com/video/768531631>

**BOS 2023 Video** – Nanoforming – the Patient- and Planet-Centric Approach From Increasing Bioavailability to Enabling Sustained Drug Delivery – Nanoform CCO Christian Jones delves into the benefits that can be unlocked for both patients and the planet through the Nanoform toolbox, supported by data from relevant case studies: <https://nanoform.com/en/nanoforming-the-patient-and-planet-centric-approach-from-increasing-bioavailability-to-enabling-sustained-drug-delivery/>

**Drug Hunter Webinar** – Not Your Grandparents’ Drugs: How Approved Drugs Have Evolved Since the 70’s – Nanoform & Drug Hunter explore how the lipophilicity (LogP) of drugs has changed over time: <https://nanoform.com/en/not-your-grandparents-drugs-how-approved-drugs-have-evolved-since-the-70s/>

## ARTICLES & OTHER MATERIALS

**Streamlining Drug Development with AI** – Nanoform delved into this topic in CHEManager. Discover the company’s insights here, including how Nanoform’s pioneering AI-based STARMAP® platform can help: <https://www.chemanager-online.com/en/news/nanoparticle-engineering>

**Small is Powerful: A Globally Unique Capability for Nanoforming HPAPIs** – Nanoform discusses high-potency API handling capabilities with DCAT Value Chain Insights: <https://www.dcatvci.org/sponsored/small-is-powerful-a-globally-unique-capability-for-nanoforming-hpapis/>

**Celanese Case Study** – Nanoform and Celanese use drug nanoparticles to modify the release kinetics of ethylene vinyl acetate long-acting implants: <https://nanoform.com/en/nanoform-and-celanese-use-drug-nanoparticles-to-modify-the-release-kinetics-of-ethylene-vinyl-acetate-long-acting-implants/>

**Nanoform White Paper** – “Strategies for patient-centric differentiation through the USFDA 505(b)(2) pathway” – With faster routes to approval, the volume of 505(b)(2) applications now exceeds that of 505(b)(1). Discover the reasons for this in our white paper: <https://nanoform.com/en/wp-content/uploads/sites/2/2022/05/whitepaper-march-2022.pdf>

**PION Partnership** – Characterization of the Flux Performance of Nanoformed and Untreated Crystalline Piroxicam Solid Suspensions, and the Relative Contributions of the Particle Drifting Effect to In Vitro Flux – Nanoform and PION performed MicroFLUX analysis on nanoformed piroxicam to investigate nanoparticle flux performance compared to crystalline solid suspensions: <https://nanoform.com/en/wp-content/uploads/sites/2/2023/07/Nanoform-Poster-91-x-91-cm-V7.pdf>

**Nanoform Sustainability Ebook** – Discover how we are driving sustainability across the pharmaceutical industry in our ebook: <https://nanoform.com/en/sustainability-ebook/>

**Nanoform Brochure to the Pharma Industry** – <https://nanoform.com/en/brochure/>

# Selection of Nanoform Institutional Shareholders





# "Not Your Grandparents' Drugs"

## How Drugs Changed Since the 70's and What to Do About It:

<https://www.youtube.com/watch?v=nXcs3lrk7Q0>



*Dr. Dennis Hu*

CEO



*Christian Jones, FRSC* Chief Commercial

Officer Nanoform



*Dr. Chris Worrall*

Vice President

US Business Development

Nanoform



## FINANCIAL CALENDAR

- Aug 24, 2023 - Q2 2023 interim report
- Aug 24, 2023 - Financial Hearings webcast presentation at 15.00 EEST:  
<https://ir.financialhearings.com/nanoform-q2-2023>
- Sep 4, 2023 - Presentation and 1-1 's at SEB Stockholm (in person)
- Sep 5, 2023 - Presentation at Danske Bank (digital)
- Nov 22, 2023 - Q2 2023 interim report
- Nov 22, 2023 - Financial Hearings webcast presentation at 15.00 EEST
- Nov 23, 2023 - Presentation and 1-1's at SEB Healthcare Seminar, Stockholm (in person)
- Dec 14, 2023 - Presentation and 1-1's at DNB Nordic Healthcare Seminar, Oslo (in person)

## FURTHER ENQUIRIES

- CFO Albert Hæggström, [albert.haeggstrom@nanoform.com](mailto:albert.haeggstrom@nanoform.com), +358 29 370 0150
- DIR Henri von Haartman, [hvh@nanoform.com](mailto:hvh@nanoform.com), +46 76866 50 11

