

Nanoform Management Presentation

DNB Healthcare Conference
Oslo

November 26, 2024



Disclaimer

Forward-Looking Statements

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An aerial photograph of a vast, blue lake with numerous forested islands and peninsulas. The surrounding land is covered in a dense green forest. The sky is bright blue with scattered white clouds. A teal-colored rounded rectangle is overlaid in the center of the image, containing the text "Business and Strategy" in white.

Business and Strategy

Key strategy

**All
active pharmaceutical
ingredients (API's)
should be Starmapped**

**Nanoform work with
customers/partners to
enable both novel &
existing molecules to
become new and
improved medicines**

**In parallel, to show a
conservative industry
the power of
nanoforming, we create
up to a dozen
'product kernels'**

Proprietary technology platforms

Small molecules

Proven CESS®* nanotechnology enables new medicines through *improved bioavailability, higher drug load & novel formulations*

Large molecules

Unique BIO nanoparticles enable improved routes of administration with *high drug load and long-acting delivery*

Formulation

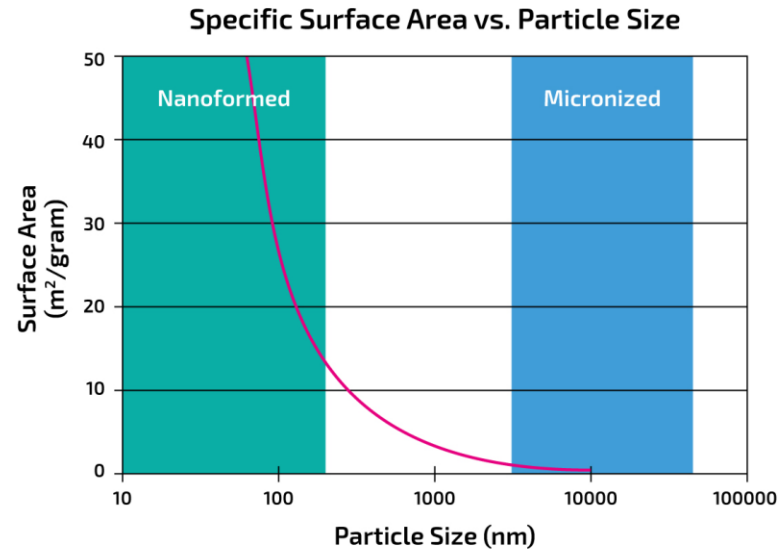
Highly differentiated *novel formulations* and *unique drug delivery opportunities* drive optimized therapeutic potential & patient convenience

AI

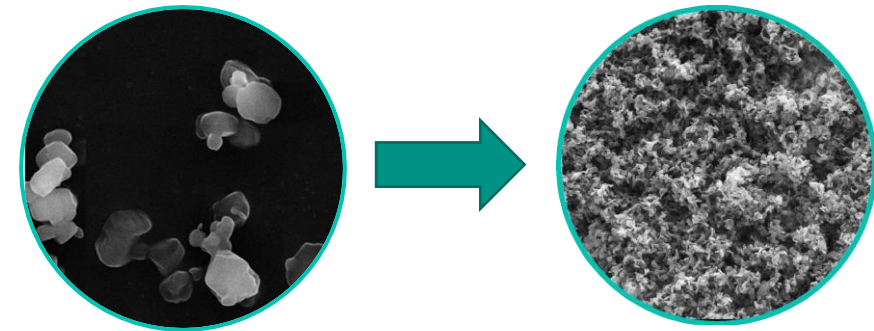
STARMAP® 2.0 online *picks best candidates* and *accelerates development* by integrating deep expertise with sparse data AI

Particle size is key

Smaller particle size can improve a drug's bioavailability



- The surface area increases 30-fold from a 10 micron¹ 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



Pre-nanoforming

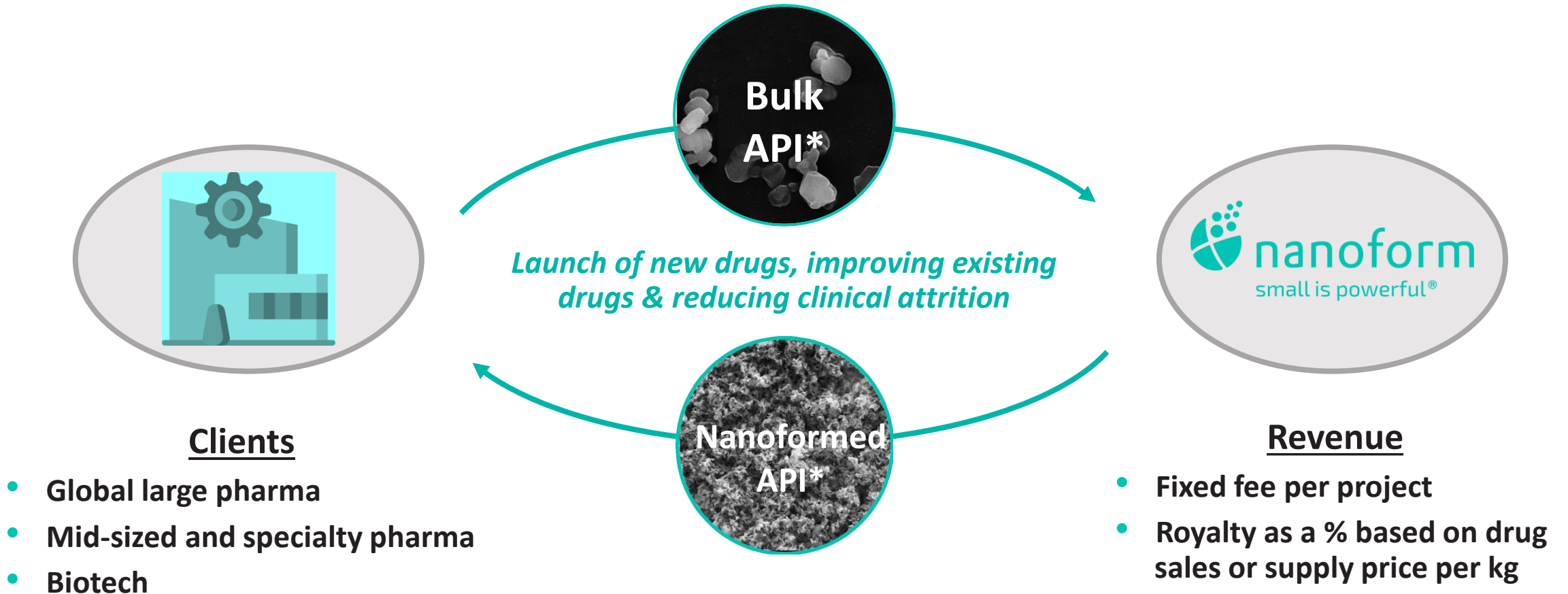
Post-nanoforming

- Smaller particles have a larger surface area
- Larger surface area of particles enables improved bioavailability of a drug
- Improved bioavailability implies increased absorption of a drug by the body's circular system
- CESS[®] can produce API with large surface areas which can significantly improve the bioavailability of drugs

➤ CESS[®] produced nanoparticles have a larger surface area and as such improved bioavailability.

Simplified value chain

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



Growth since IPO 2020

| | <i>IPO June 2020</i> | <i>September 2024</i> | <i>Growth</i> |
|----------------------------------|----------------------|-----------------------|---------------|
| Employees | 50 | 177 | ~3x |
| Manufacturing lines | 5 | 20 | ~4x |
| Customers enrolled | 5 | 49 | ~9x |
| Customer projects started | 5 | 88 | ~18x |
| Patents granted | 5 | 42 | ~8x |



Nanoform headquarters in Helsinki, Finland

Nanoform business highlights Q3 2024

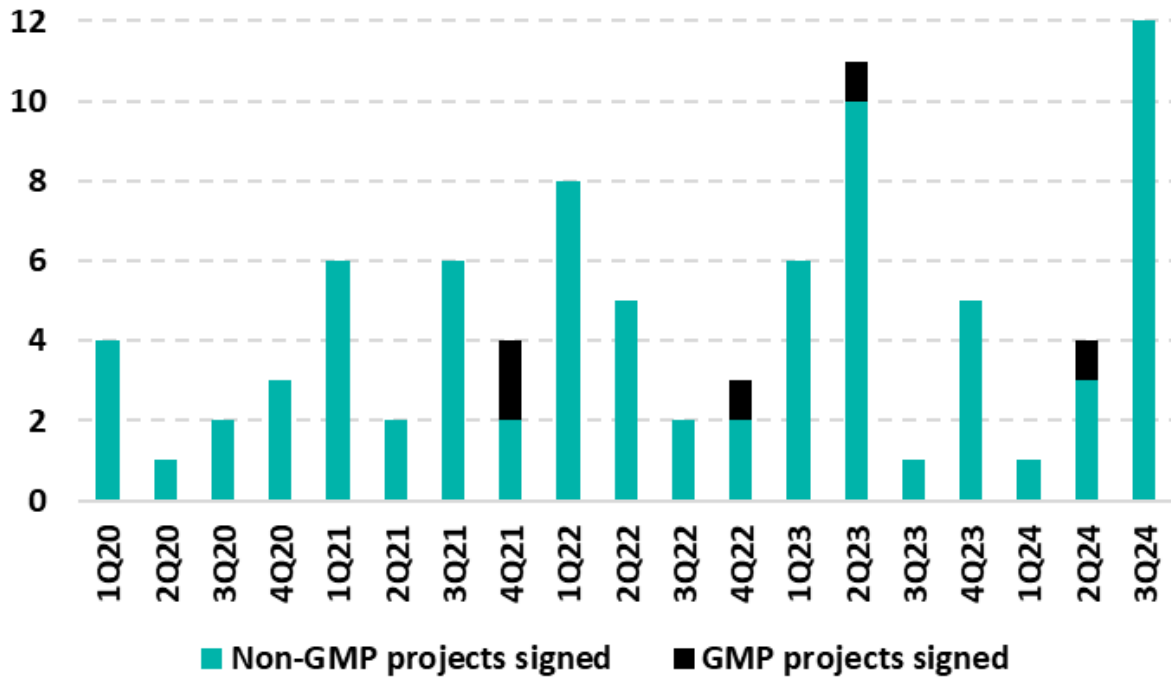
- 1** New quarterly record on customer non-GMP projects signed.
- 2** Revenue growth is back and is expected to accelerate in coming quarters and years.
- 3** Following completion of in vitro proof of concept studies of a novel plasma-derived therapy formulation with Takeda, Nanoform will provide non-GMP nanomaterial to Takeda for in vivo studies. The first results of these studies are expected in early 2025.
- 4** Manufacturing of GMP material for pivotal studies and registration batches in Project Nanoenzalutamide continues, pivotal studies to start in 1Q25, with first read-out in 2Q25.
- 5** Further progress on dealmaking around our product kernels; half a dozen term sheets received, first letter of intent signed and several license/commercial supply agreements on multiple product kernels expected to be signed in coming quarters.



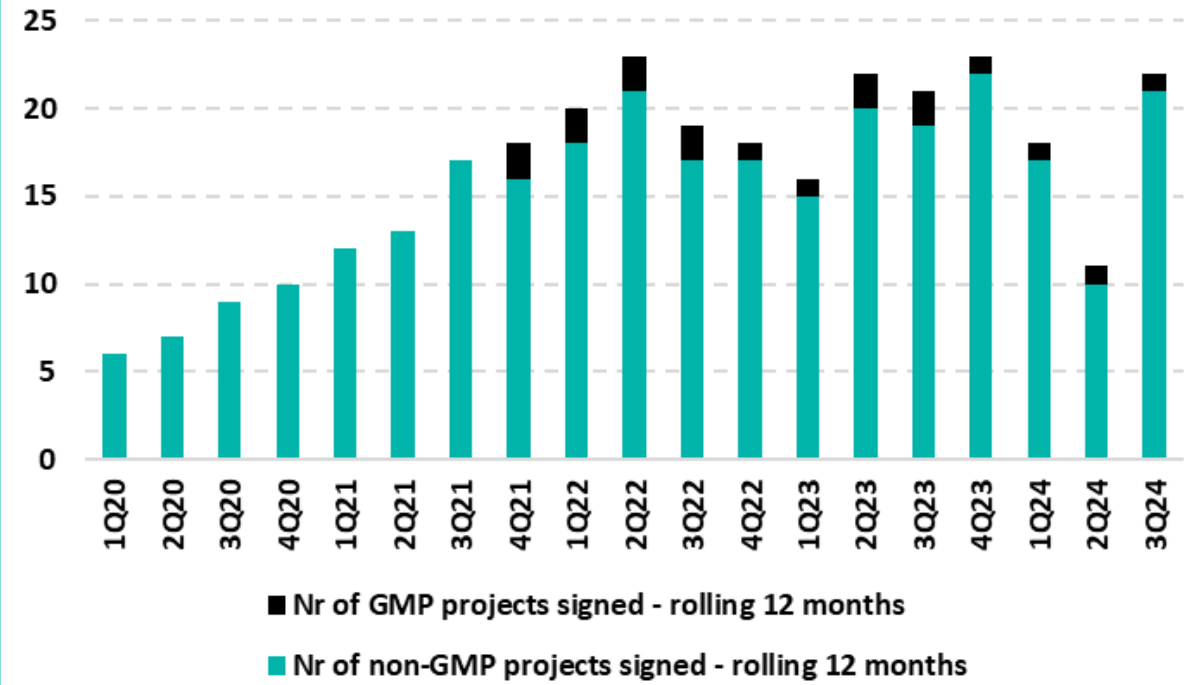
Financials

Number of customer projects signed – new record in a quarter

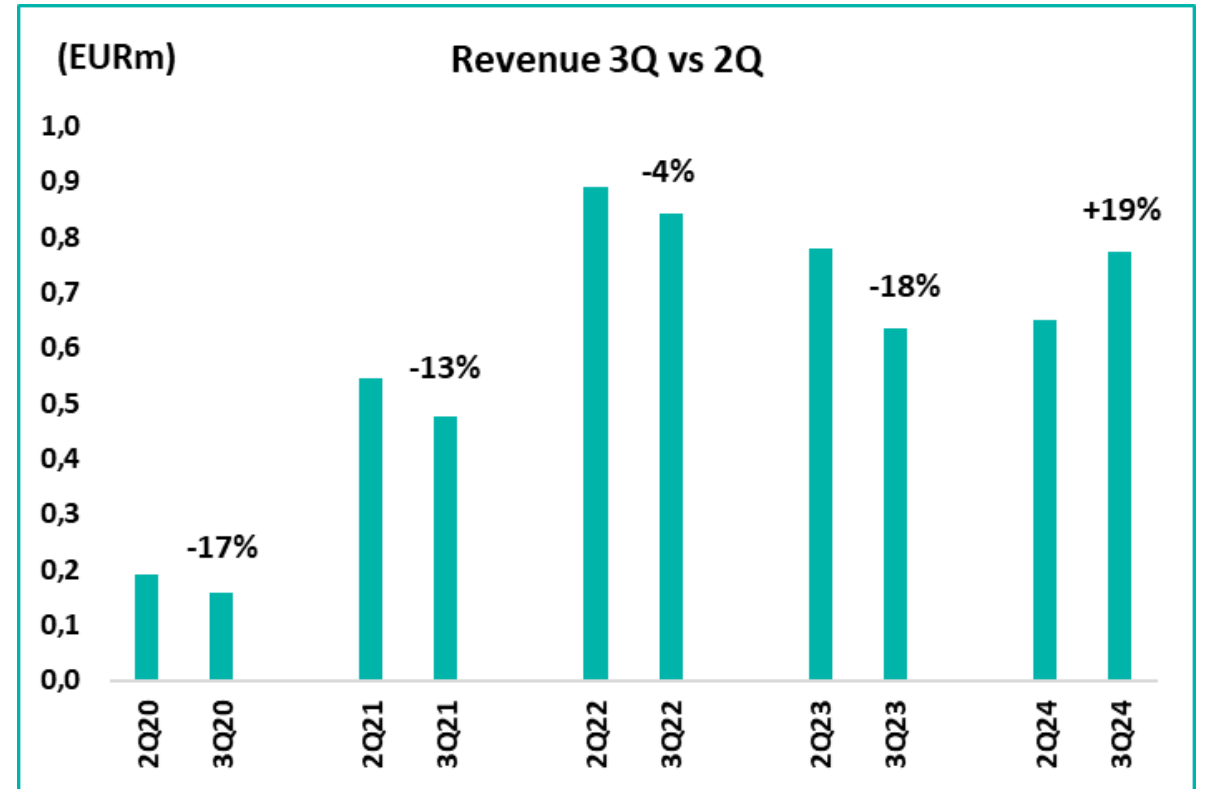
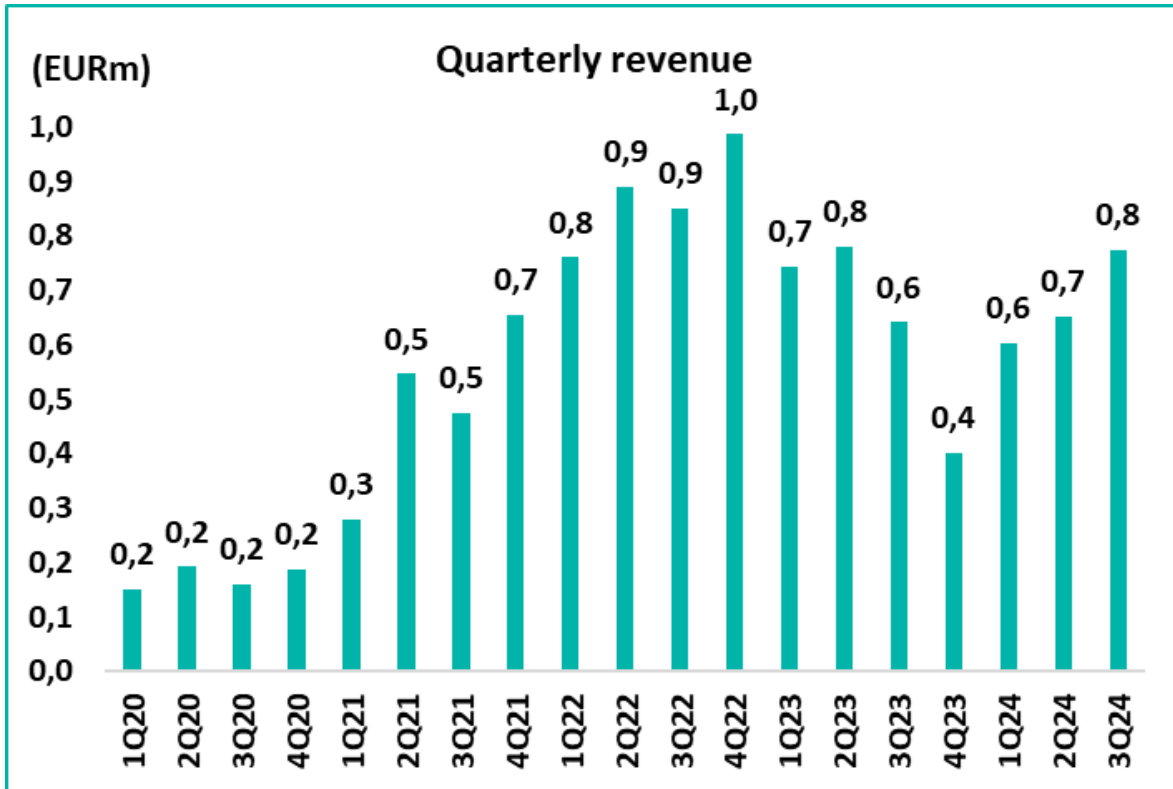
Nr of projects signed - per quarter



Nr of projects signed - rolling 12 months

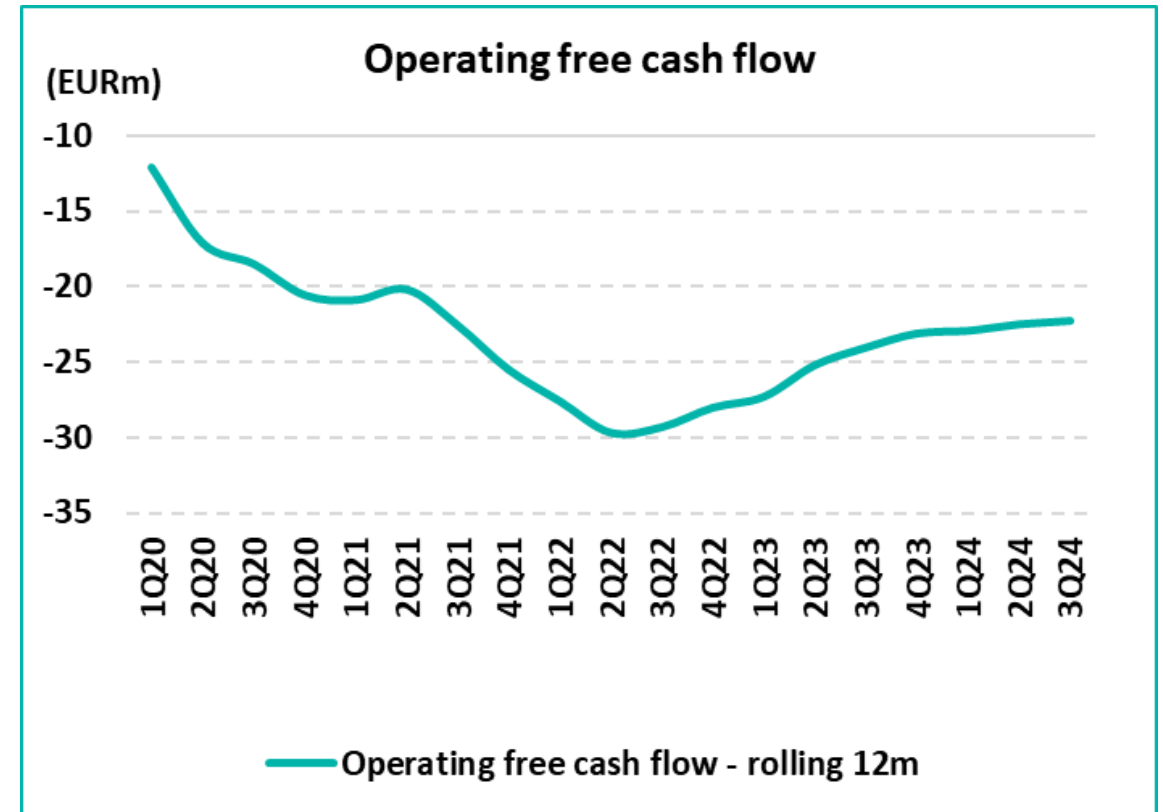
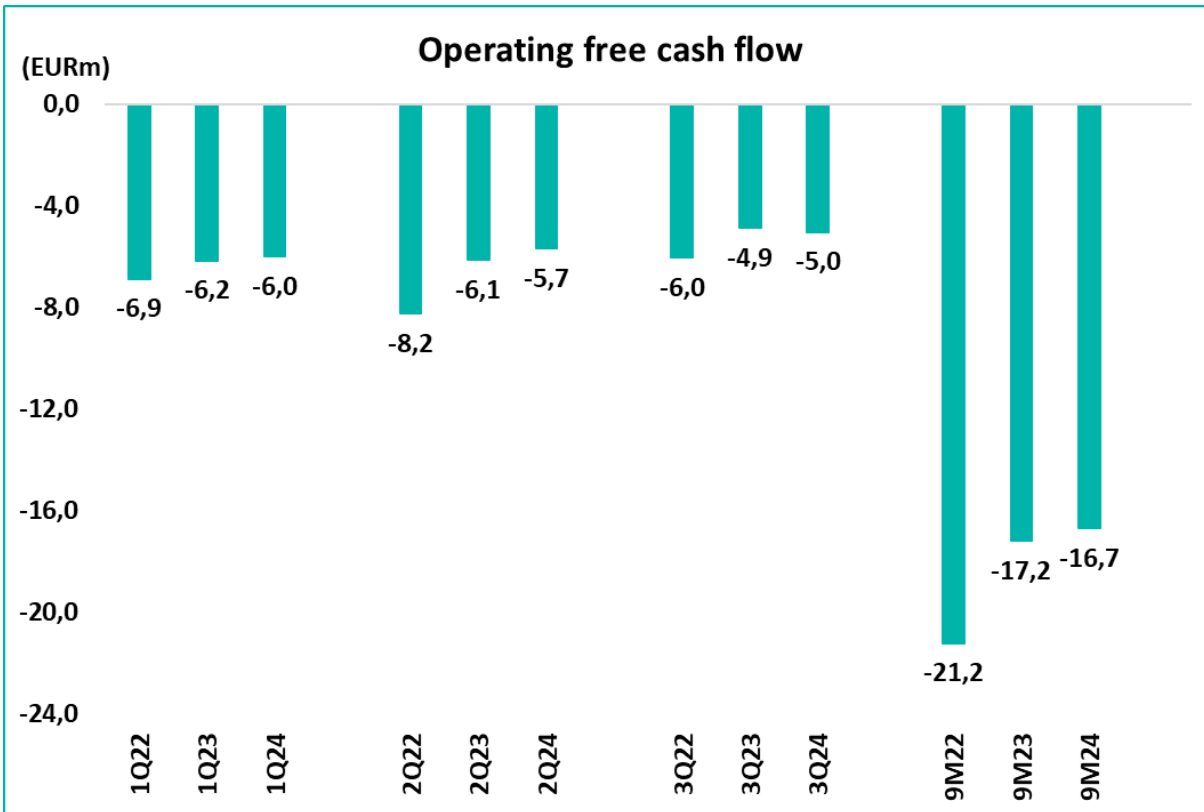


Revenue +21% y/y in 3Q, and +19% q/q despite summer period*



*3Q has historically had lower revenue recognized than 2Q as the hours worked are lower due to summer holiday period

Improvement in operating free cash flow to continue



At the end of 3Q24, Nanoform had some than EUR 46m in cash & short-term government bonds and no debt

An aerial photograph of a vast, blue lake with numerous forested islands and peninsulas. The surrounding land is covered in a dense green forest. The sky is bright blue with scattered white clouds. A teal rounded rectangle is overlaid in the center of the image, containing the text 'Product Kernels' in white.

Product Kernels

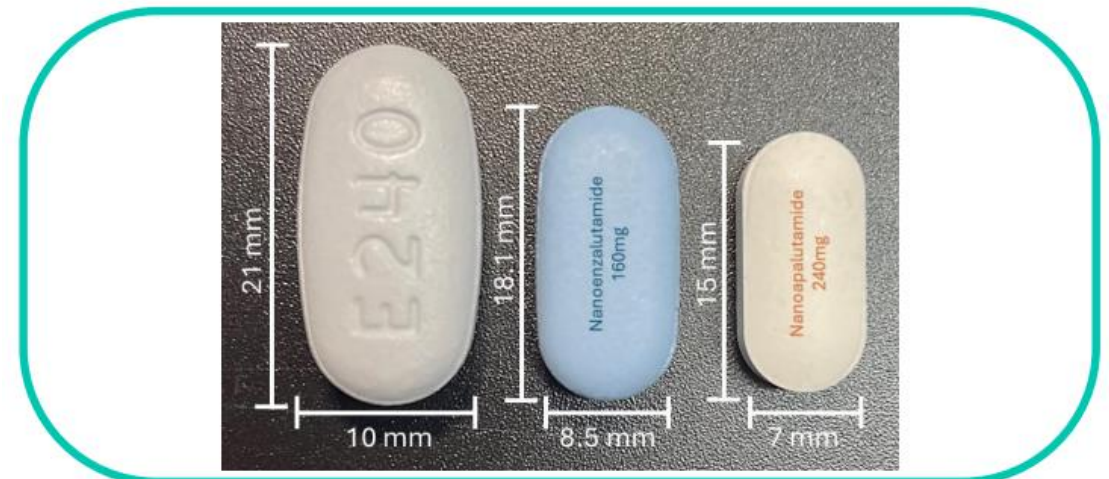
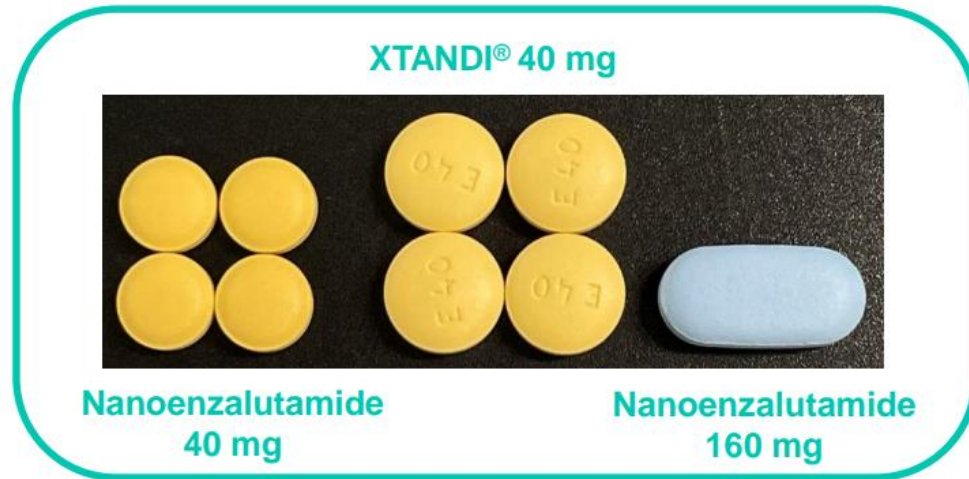
Product Kernels*

| Nanoform 'product kernel' project data | | | | | Preclinical (Nanoform) | | | | Clinical (Nanoform) | | Commercial (Nanoform) | | Expected originator peak sales* | |
|--|-------------------|------------------|-----------------|------------------------------|--|----------------------------|-----------------------------------|--------------------------------|---------------------|---------|------------------------------|------------------------|---------------------------------|---------|
| Project | Originator | API | Indication | Delivery route / dosage form | PoC | Pre-formulation + in-vitro | Dosage form development + in vivo | PoP* / Dosage form development | Phase 1 / Pilot | Pivotal | Commercial partnering window | Targeted market launch | | |
| OnConcept (Development partner) | Astellas/ Pfizer | Nanoenzalutamide | Prostate cancer | Oral/ tablet | [Progress bar spanning PoC, Pre-formulation, Dosage form development, and PoP] | | | | | | | 2024-25 | 2027 | >\$5bln |
| NAN024 | Johnson & Johnson | Nanoapalutamide | Prostate cancer | Oral/ tablet | [Progress bar spanning PoC, Pre-formulation, and Dosage form development] | | | | | | | 2024-25 | 2032 | >\$5bln |
| NAN030 | Undisclosed | Undisclosed | Oncology | Oral/ tablet | [Progress bar spanning PoC, Pre-formulation, and Dosage form development] | | | | | | | 2025-26 | | |
| NAN027 | Undisclosed | Undisclosed | Oncology | Oral/ tablet | [Progress bar spanning PoC and Pre-formulation] | | | | | | | 2025-26 | | |
| Undisclosed (Development partner) | Undisclosed | Undisclosed | Inflammation | Oral/ tablet | [Progress bar spanning PoC and Pre-formulation] | | | | | | | 2025 | | |
| NANxxx/LAI | Undisclosed | Undisclosed | Prostate cancer | Long Acting | [Progress bar spanning PoC, Pre-formulation, and Dosage form development] | | | | | | | 2026 | | |
| Undisclosed (Development partner) | Undisclosed | Undisclosed | Oncology | Long Acting | [Progress bar spanning PoC] | | | | | | | 2026 | | |
| NBN008 | Undisclosed | Undisclosed | Oncology | High Concentration SC Bio | [Progress bar spanning PoC, Pre-formulation, and Dosage form development] | | | | | | | 2026 - 27 | | |

Nanoenzalutamide and Nanoapalutamide

| | <u>XTANDI®</u> | <u>Nanoenzalutamide</u> |
|----------------------|----------------|--------------------------|
| Formulation | ASD | Crystalline Nanoparticle |
| Drug load 160mg (x1) | - | 40 % |
| Drug load 40mg (x 4) | 12 % | 40 % |
| Size 160mg (x1) | - | 18.1 x 8.6mm |
| Size 40mg (x4) | 10.1mm | 8.0mm |

| | <u>ERLEADA®</u> | <u>Nanoapalutamide</u> |
|-----------------------|-----------------|--------------------------|
| Formulation | ASD | Crystalline Nanoparticle |
| Drug load 240mg (x 1) | 21 % | 42 % |
| Drug load 60mg (x4) | 7 % | 42 % |
| Size 240mg (x1) | 21 x 10mm | 15 x 7mm |
| Size 60mg (x4) | 17 x 9mm | 8mm |



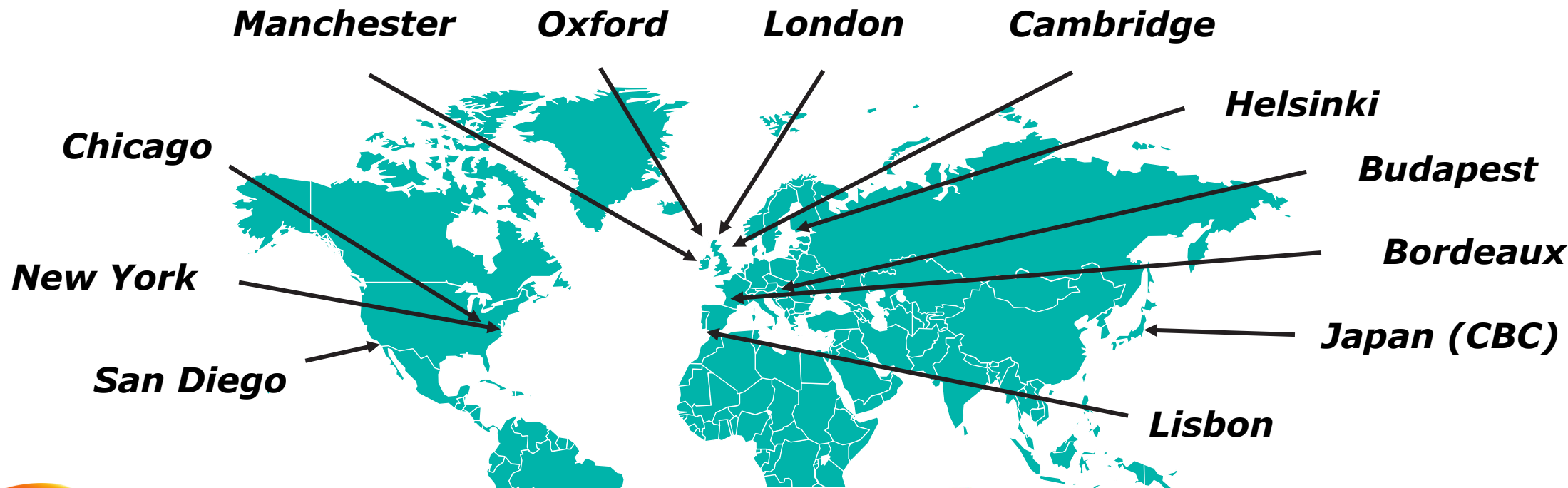
Nanoformed and nanocrystalline medicines offer an attractive alternative to ASD medicines* (and other) with the following benefits: green manufacturing process, significantly higher drug load, more patient centric medicines (pill burden), extended IP, potential for earlier market entry and the possibility to do fixed dose combinations



Commercial

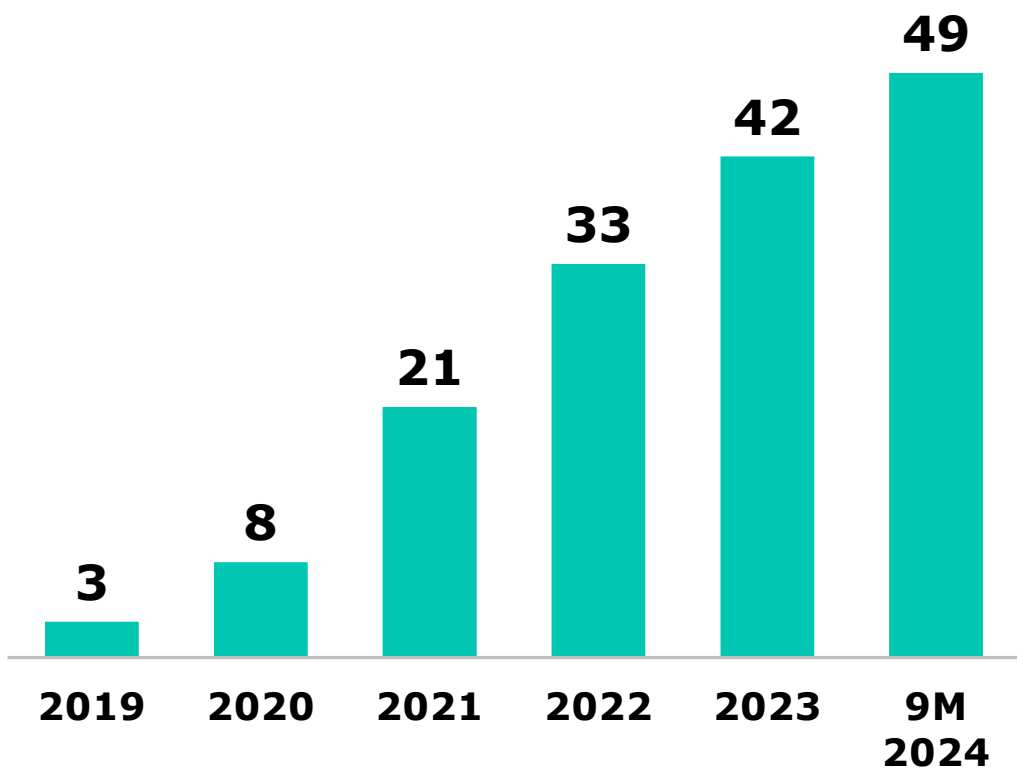
Experienced global sales team driving commercialization

– Locations and previous experiences

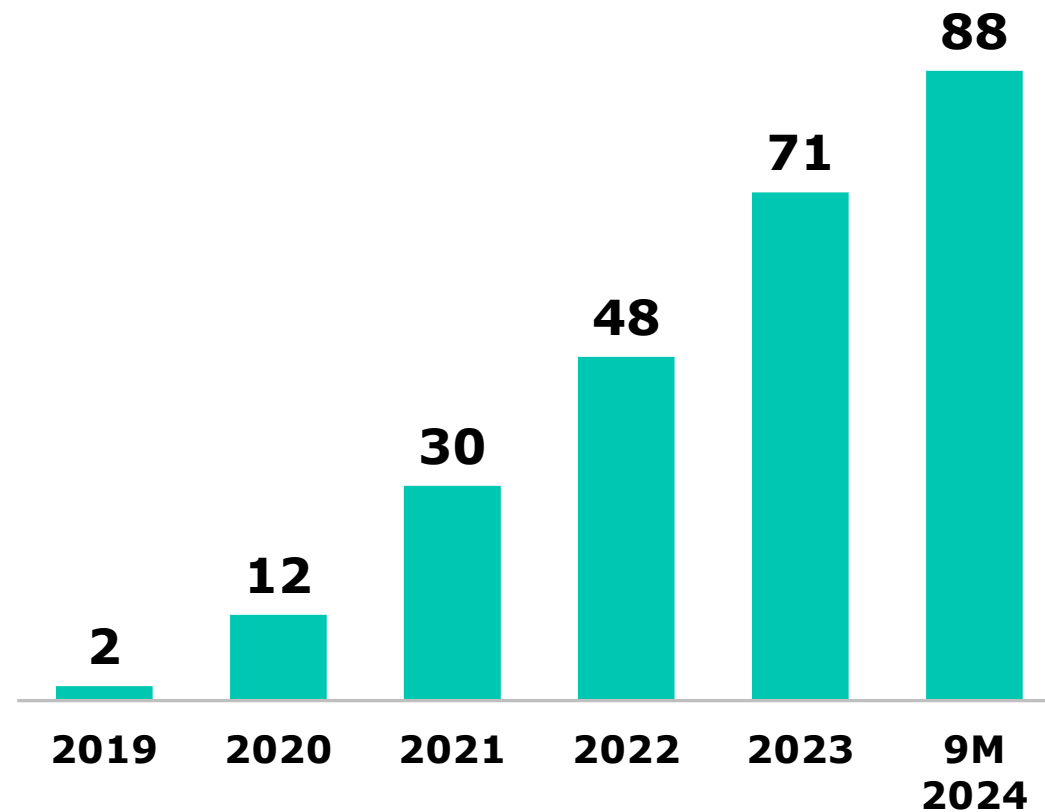


Cumulative number of customers and projects signed

Customers

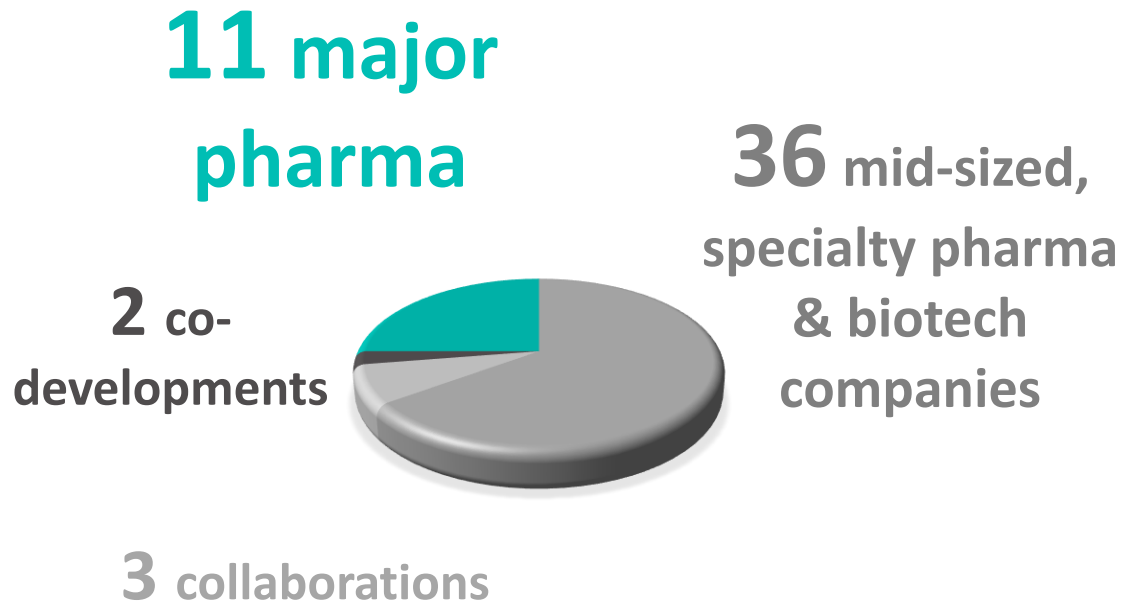


Customer Projects



Commercial Relationships 2019 – Q3 2024

Customer mix



Selection of partners



Commercial Activities



Dr Ajit Shetty, former Chairman of Janssen, and Dr Makarand Jawadekar, former Pfizer global R&D executive, visit Nanoform HQ in Helsinki



Director Sophie Janbon and Director Geof Wolfenden, AstraZeneca Plc, visit Nanoform HQ in Helsinki



Nanoform visit Bluepharma in Portugal, ONConcept® consortium partners for Nanoenzalutamide



Tomoyasu Nakamura and Shigerau Yokohama, CBC, present Nanoform partnership and Nanoform's technologies at 41st Symposium on Formulation and Particle Design in Okayama, Japan



Andreas Liebinger, Ph.D., Global Head of Plasma-derived Therapies Pharmaceutical Sciences, Takeda, present Nanoform's Biologics technology



Christian Schneider, Celanese Inc, present Nanoform collaboration and Nanoform's small molecule technology



AAPS 2024 PHARMSCI 360

October 20-23, 2024
Salt Palace Convention Center
Salt Lake City, UT



Nanoform customer projects – therapy area overview*

| Pre-Clinical | Phase I | Phase II & III | Marketed/505b2 |
|--|--|--|---|
| <p>Cardiology (e.g. Anemia)</p> <p>Gastroenterology (e.g. Microbiome)</p> <p>Immunology/Inflammation (e.g. Psoriasis)</p> <p>Infectious Disease (e.g. HIV)</p> <p>Metabolism and Endocrinology (e.g. Diabetes)</p> <p>Neurology (e.g. Parkinsons)</p> <p>Oncology (e.g. Multiple Myeloma)</p> <p>Ophthalmology (e.g. Glaucoma)</p> <p>Respiratory (e.g. COPD)</p> | <p>Immunology/Inflammation (e.g. Cystic Fibrosis)</p> <p>Dermatology/Oncology (e.g. Basal Cell Carcinoma)</p> <p>Neurology (e.g. Parkinsons)</p> <p>Oncology (e.g. Solid Tumors)</p> <p>Ophthalmology (e.g. Cataract)</p> <p>Pain (e.g. Post Operative Pain)</p> <p>Infectious Disease (e.g. HIV)</p> | <p>Metabolism and Endocrinology (e.g. Adrenal Hyperplasia)</p> <p>Neurology (e.g. Schizophrenia)</p> <p>Oncology (e.g. lung cancer)</p> | <p>Infectious Disease (e.g. HIV)</p> <p>Immunology/Inflammation (e.g. HEP B)</p> <p>Immunology/Inflammation) (e.g. Cystic Fibrosis)</p> <p>Oncology (e.g. Prostate Cancer)</p> <p>Ophthalmology (e.g. Glaucoma)</p> |



Q & A

Nanoform headquarters in Helsinki, Finland

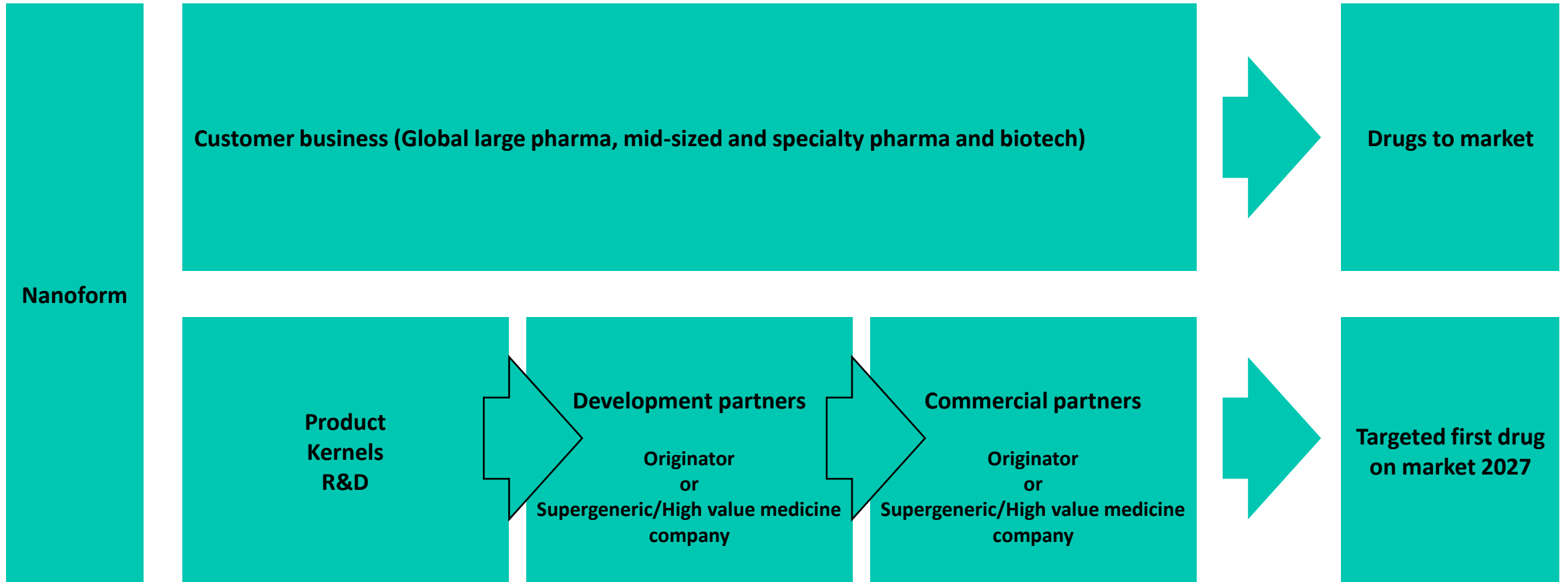
www.nanoform.com

San Diego - Chicago - New York - Lisbon - Manchester - Oxford - London - Cambridge - Bordeaux - Stockholm - Budapest - Helsinki

A scenic landscape featuring a calm lake in the foreground, reflecting the surrounding trees. The shoreline is lined with trees in vibrant autumn colors, including bright yellows and oranges. In the background, a dense forest of tall, dark evergreen trees rises against a clear, light blue sky. A small wooden dock is visible on the shore near the water's edge.

APPENDIX

Nanoform Technology – route to market



Nanoenzalutamide clinical trials

2023-2024

Phase 1/Pilot clinical trial in North America.

Relative bioavailability study of nanocrystalline-enabled enzalutamide (nanoenzalutamide) tablet formulation, an alternative to the amorphous solid dispersion (ASD) used in Xtandi®.

The single-dose, randomized, comparative bioavailability study, which was performed by a contract research organization (CRO) in North America and completed on January 25, 2024, compared enzalutamide 160mg filmcoated tablets (Bluepharma) and Xtandi® 4×40 mg film-coated tablets (Astellas Pharma Europe B.V.).

The **clinical trial demonstrated promising results.**

2025

Pivotal bioequivalence clinical trials in EU and US are expected to start in Q1 2025, with first read-outs in 2Q 2025.

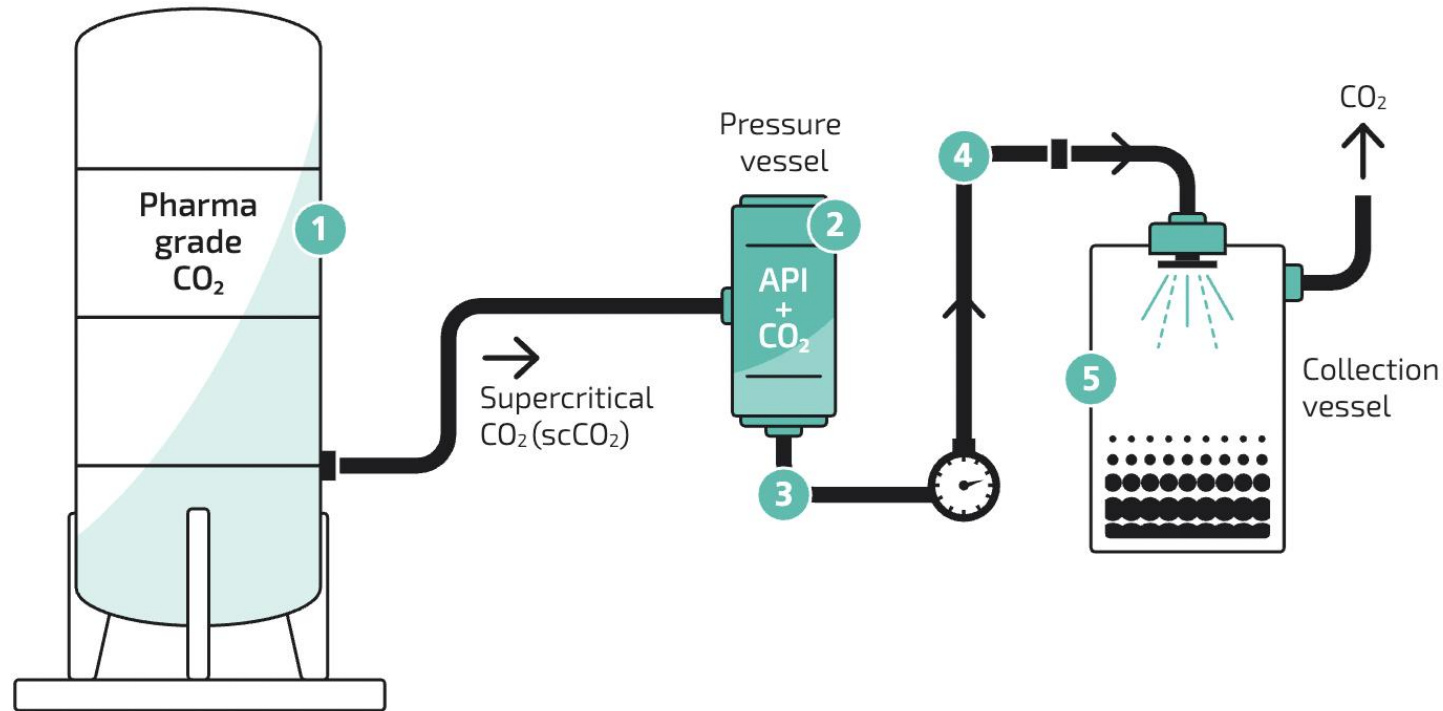
Bioequivalence means 80% - 125% of the Cmax and AUC in a **large cohort study in fed and fasted states** with a 90% confidence interval.

Nanoenzalutamide is expected to progress via the ANDA (Abbreviated New Drug Application)/Hybrid generic pathway and as such will need **to show bioequivalence vs the originator product, Xtandi®.**

License and commercial supply agreements are expected to be signed in coming quarters.

We plan nanoenzalutamide to take a meaningful share of this market through its highly **patient centric product differentiation** (1 tablets 4 tablets) and **unique IP position** (different technology, crystalline product, different excipients), while not forgetting its **green attributes.**

Controlled Expansion of Supercritical Solutions - CESS[®]



- 1 Supercritical CO₂ is guided into a pressure vessel loaded with API
- 2 Increasing the pressure and temperature in the vessel dissolves the API in supercritical CO₂
- 3 The CO₂ 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 CO₂ is sublimated resulting in final nanoparticles ready for collection and formulation

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

CESS® Superior to Existing Technologies

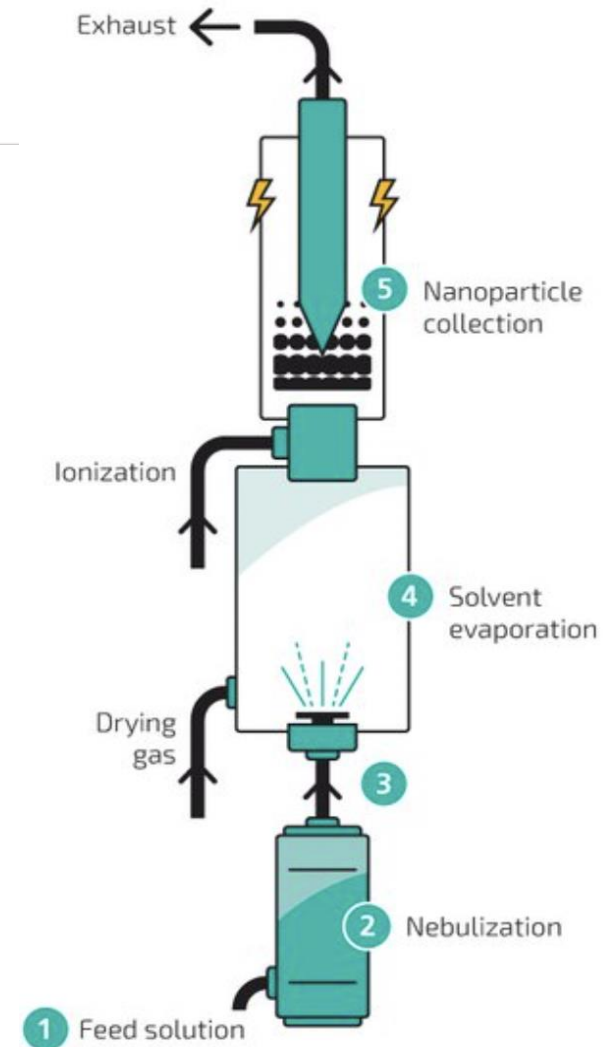
| | Controlled Expansion of Supercritical Solutions (CESS®) | Solid dispersion (e.g. spray drying) | Jet milling | Nanomilling |
|-----------------------------------|--|--|--|---|
| Description | Extracts API from supercritical CO ₂ by applying controlled reduction in pressure | API is dispersed into 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 |

Large molecules - Proprietary technology

Green
technology

Nanoforming process for biologics

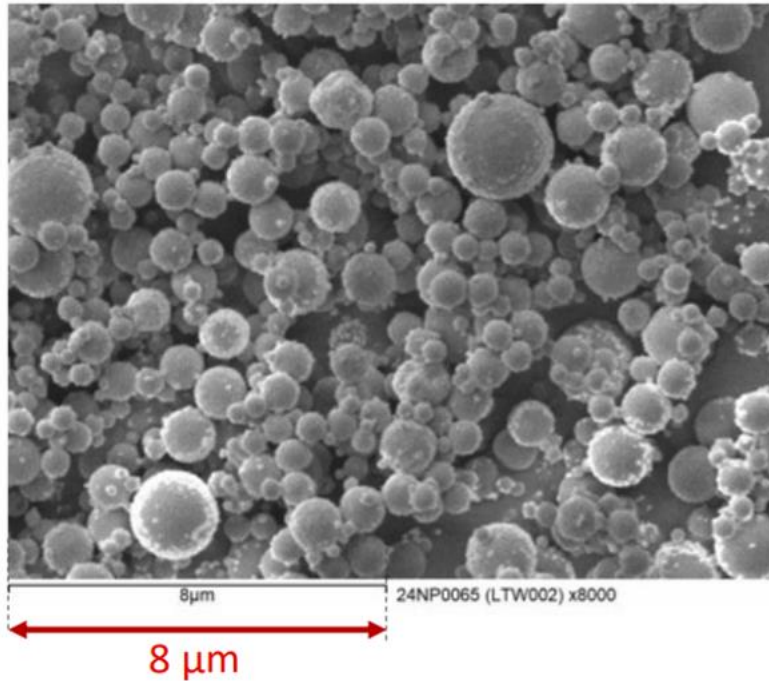
- 1 API containing feed solution is pumped into the nebulizer
- 2 Feed solution is nebulized into a carrier gas
- 3 Mist is transported into the drying chamber via a connection pipe
- 4 Mist is dried using low-temperature drying gas
- 5 Dried particles are charged by the ionizer and collected using electrostatic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



Comparison of Nanoform's proprietary biologics technology vs existing technologies

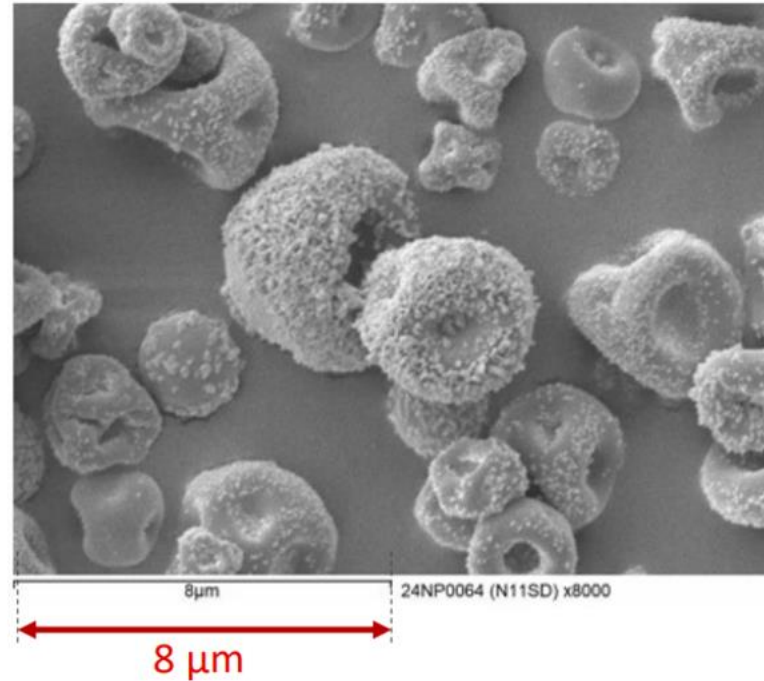
Nanoformed

Perfect spheres, highly flowable and aerodynamic, great packing and injection properties



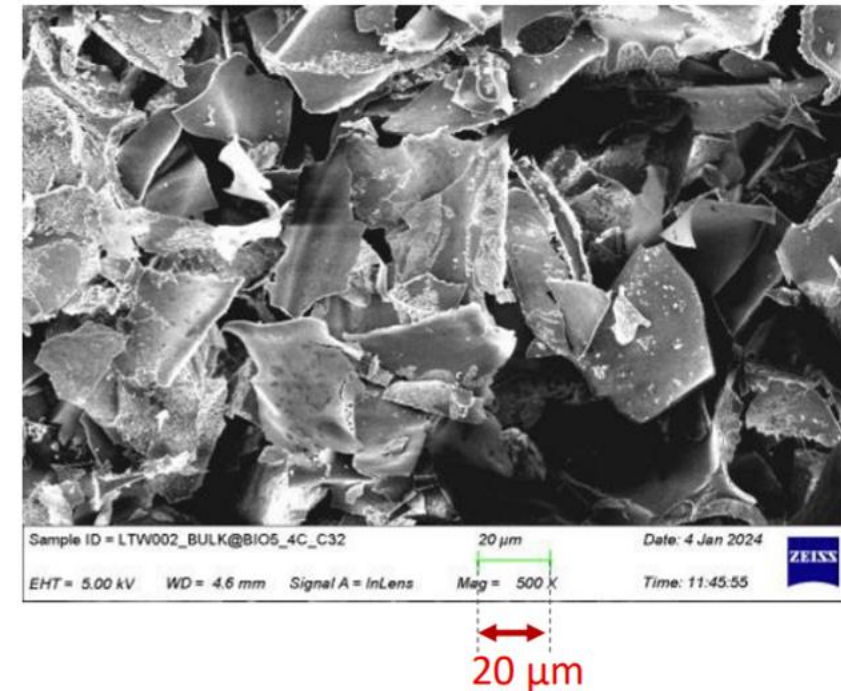
Spray dried

Sticky, poor flowability, raisin shaped



Lyophilized / freeze dried

Flaky morphology, dry cake, no flowability



Nanoforming biologics: Superior flowability, aerodynamic performance, high density packing, lower injection force properties, improved material quality and stability properties vs spray drying and lyophilization

4 cases

TargTex

Biotech customer

Glioblastoma Multiforme

Small molecule

New medicine/s

200x higher drug load with Nanoformed API

Promising animal data

GMP manufacture and then clinic (Phase 1/2a)

5 mL Hydrogel



Takeda

Major pharma customer

Rare diseases

Large molecule (Plasma Derived Therapy)

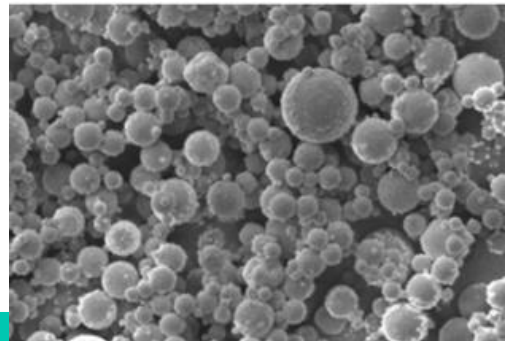
New medicine/s

Innovative Drug Delivery

In-vivo results due end of Q1 2025

Nanoformed

Perfect spheres, highly flowable and aerodynamic, great packing and injection properties



Nanoenzalutamide

Product Kernel

Prostate Cancer

Small molecule

Reformulated existing ASD marketed product (Xtandi)

Promising clinical data

Pivotal bioequivalence clinical trial Q1 2025

Development partners in place

Commercial partnering discussions ongoing

Target launch 2027 US and 2028 EU



Nanoapalutamide

Product Kernel

Prostate Cancer

Small molecule

Reformulated existing ASD marketed product (Erleada)

Promising animal data

Partnering discussions ongoing



Upcoming events

| | |
|------------------------|---|
| November 26 | DNB 15th Annual Nordic Healthcare Conference, Oslo |
| November 26-27 | BOS, Manchester |
| November 28 | Stora Aktiedagarna - Aktiespararna, Stockholm |
| December 11-13 | DDL 2024, Edinburgh |
| December 16 | Nordea Growth Day, Helsinki |
| January 13-16 | JPM Healthcare Conference 2025, San Francisco |
| February 25-26 | BIO Asia 2025, Hyderabad |
| February 27 | Nanoform Financial Report 2024 |
| March 11 | Danske Bank Small & Mid Cap Seminar, Stockholm |
| March 16-20 | DCAT, New York |
| March 26-27 | DNB/Back Bay Nordic-American Healthcare Conference, New York |
| June 2-4 | DDF, Berlin |
| June 12 | Danske Bank Healthcare Seminar, Helsinki |
| September 15-16 | DDF American Summit, Boston |
| October 27-28 | PODD, Boston |
| October 28-30 | CPHI, Frankfurt |

Nanoform near-term business targets 2024

| Topic | Target | Status |
|-------------------------|--|--|
| Customer Projects | <i>Increased number of non-GMP and GMP projects signed in 2024 vs 2023 *</i> | 16+1 in 9M2024 vs 17+1 in 9M2023 |
| Operating Free Cashflow | <i>Improved operating free cashflow in 2024 vs 2023 **</i> | EUR -16.7m 9M2024 vs EUR -17.2m in 9M2023 |
| Commercialization | <i>To sign one or several license/commercial supply agreements during 2024</i> | Half a dozen term sheets received, one LOI signed |

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

Nanoform commercial highlights Jan-Sep 2024

- NOV** New **quarterly record** in customer project intake
- SEP** Nanoform and **Celanese** expand collaboration into long-acting biologics delivery through small implants
- AUG** Nanoform initiates collaboration with **Takeda** on their plasma-derived therapy development (biologics)
- JUL** New **US major pharma** signed multi-API contract
- MAY** Nanoformed **high-concentration biologics formulation** for subcutaneous delivery results presented by Takeda at DDF summit in Berlin
Celanese showcases Nanoform's technology for long-acting small molecule drug release at DDF summit in Berlin
- APRIL** **Global top 5 animal health** company signed new multi-API contract
Nanoform enters sales partnership with **CBC** to bring best-in-class nanomedicine technology to Japan
Nanoform and **PlusVitech** partner to repurpose aprepitant as a treatment for lung cancer
- FEB** **Nanoapalutamide** study demonstrates the advantages of Nanoforming over traditional cancer treatment formulations
- JAN** Nanoform announces important milestone with promising clinical results for patient-centric Nanotechnology-enhanced **Nanoenzalutamide**

Customer projects and customer's formulation challenge

| | Company Type | Therapeutic Area | Customer Formulation Challenge | Pre-Clinical | Phase 1 | Phase 2 | Phase 3 | Marketed |
|-------------------------|-------------------------|---------------------|---------------------------------|--------------|---------|---------|---------|----------|
| Small Molecules | Mid-Size Pharma/Biotech | Oncology | Drug Load | | | | | |
| | Mid-Size Pharma/Biotech | Autoimmune | Food Effect/Dose Reduction | | | | | |
| | Large Pharma | Immunology | Dissolution | | | | | |
| | Mid-Size Pharma/Biotech | CNS | Drug Load | | | | | |
| | Large Pharma | Autoimmune | Drug Load | | | | | |
| | Mid-Size Pharma/Biotech | Oncology | Pill Burden | | | | | |
| | Mid-Size Pharma/Biotech | Glioblastoma | Drug Load/Stability | | | | | |
| | Mid-Size Pharma/Biotech | Respiratory | FPF | | | | | |
| | Large Pharma | Oncology | Solubility/Bioavailability | | | | | |
| | Mid-Size Pharma/Biotech | Infectious Disease | Bioavailability/Release Profile | | | | | |
| | Mid-Size Pharma/Biotech | Infectious Disease | Solubility/Bioavailability | | | | | |
| | Large Pharma | Infectious Disease | LAI/Release Profile | | | | | |
| | Large Pharma | Infectious Disease | LAI/Release Profile | | | | | |
| | Large Pharma | Infectious Disease | LAI/Release Profile | | | | | |
| Mid-Size Pharma/Biotech | Infectious Disease | LAI/Release Profile | | | | | | |
| Large Molecule | Large Pharma | Respiratory | FPF | | | | | |
| | Mid-Size Pharma/Biotech | Autoimmune/Oncology | Release Profile | | | | | |
| | Mid-Size Pharma/Biotech | Autoimmune/Oncology | Release Profile | | | | | |
| | Large Pharma | Respiratory | FPF/Drying | | | | | |
| | Large Pharma | Respiratory | FPF/Drying | | | | | |
| | Mid-Size Pharma/Biotech | Endocrinology | High Conc. SuBQ | | | | | |

Nanoform has made substantial progress in Nanoforming solutions with in-vitro, in-vivo, and clinical study results

- Oncology:** Replaced amorphous solid dispersion (ASD) formulations with nanocrystalline high drug load formulations, matching bioequivalence for Enzalutamide and Apalutamide where life cycle management **opportunities to reduce tablet burden to a single, smaller, easier-to-swallow tablet** as well as working on Aprepitant in partnership with PlusVitech for lung cancer to develop a regimen with substantially fewer tablets.
- Inhalation:** **Engineering nanoformulations of both small and large molecules** with excellent fine-particle dose (FPD) and fine-particle fraction (FPF) performance in comparison to spray drying technologies. In biologics, Nanoform has shown FPF >95% vs 50% with spray drying for delivering **high drug load** to the lungs.
- Biologics:** Demonstrated in partnership, with Takeda and other companies, **ultra-high concentrations for subcutaneous drug delivery** with acceptable viscosity for injection (Takeda – Plasma Derived Therapies).
- Ophthalmic:** **Multiple projects where nanoparticles have shown improved delivery potential. High drug load** to the eye enabling smaller implants with no requirement for mesh membranes, eye drop suspensions and ophthalmic inserts.
- Hydrogels:** **Shown high drug load** applications (5 x more than nanomilling) for post-surgical glioblastoma drug delivery and deep penetration across the brain parenchyma **enabling non-recurrence of glioblastoma** where other formulations failed.
- IP:** **Novel technologies, processes and formulations** can enable market opportunities, lifecycle management and strong launch strategies

Business case Amorphous Solid Dispersions (ASDs)

Amorphous solid dispersion (ASD) medicines are currently the leading formulation strategy for poorly soluble APIs and there are ~50 marketed medicines globally that are ASDs and sell for ~\$50bln annually

Nanoformed and nanocrystalline medicines (e.g. nanoenzalutamide and nanoapalutamide etc) offer an attractive alternative to ASD medicines (and other) with the following benefits:

- *substantially higher drug load in the final drug product*
- *reduced pill burden for the patient*
- *opportunity to extend IP protection for the reformulated and improved product*
- *opportunity for earlier market entry*

⇒ *Several opportunities for Nanoform to replicate early successes with project kernels nanoenzalutamide and nanoapalutamide*

Project Nanoenzalutamide (oral tablet for prostate cancer)

Clinical results 26.1.2024: Very promising relative bioavailability study of nanocrystalline-enabled enzalutamide* (nanoenzalutamide) tablet formulation.

Nanoforming benefits: 1) Opportunity for an improved and differentiated finished product, 2) Development of a 160mg, single tablet per day regimen may be preferable for patients in need of reducing their total number of daily pills 3) Unique IP position may allow the nanoenzalutamide product to enter the market prior to other generic competition based on the ASD formulation, which is currently patent protected in the US and Europe until 2033

Next steps: Manufacture Nanoformed material for registration batches and EU/US **pivotal bioequivalence clinical trials that are expected to start in 1Q 2025**, with first read-outs in 2Q 2025. **License and commercial supply agreements are expected to be signed in coming quarters.**

Target launch: Submissions of dossiers 1H 2026, launch after expiry of the enzalutamide substance patent in USA 2027 & in Europe in 2028. Nanoenzalutamide is expected to progress via the ANDA (Abbreviated New Drug Application)/Hybrid generic pathway and as such will need to show bioequivalence vs the originator product, Xtandi®. In the eyes of the regulators, bioequivalence typically means 80% - 125% of the Cmax and AUC in a large cohort study in fed and fasted states with a 90% confidence interval. The global annual sales of Xtandi® is presently USD 6bn and growing. We plan nanoenzalutamide to take a meaningful share of this market through its highly patient centric product differentiation (1 tablets 4 tablets) and unique IP position (different technology, crystalline product, different excipients), while not forgetting its green attributes. We expect nanoenzalutamide to be the first nanoformed medicine to reach the market.

Value added medicine companies vs originators: We see the program to be attractive to value added medicine companies as a uniquely differentiated and high value supergeneric product that can enable a product launch before market entry by other generic products based on the ASD formulation, for which the originator currently holds patents in both Europe and the US (with expiry dates in 2033). For the originator company we believe that the nanocrystalline single tablet product offers a patient centric life cycle extension opportunity with compelling sustainability advantages that would be difficult for generic competitors to match. Avoiding the inherent stability challenges associated with amorphous materials is also a clear benefit for any company considering alternative formulation approaches.

Project Nanoapalutamide (oral tablet for prostate cancer)

FEBRUARY 19, 2024 – APALUTAMIDE STUDY AGAIN DEMONSTRATES THE ADVANTAGES OF NANOFORMING OVER TRADITIONAL CANCER TREATMENT FORMULATIONS

Positive results from own pre-clinical, in-vivo study of a nanocrystalline-enabled apalutamide oral formulation, which shows potential to enable a much smaller tablet than Erleada[®], (Erleada is a registered trademark for Apalutamide owned by Johnson & Johnson / Janssen Biotech, Inc.) a nonsteroidal antiandrogen (NSAA) blockbuster amorphous solid dispersion (ASD) medicine used to treat prostate cancer. The nanocrystalline-enabled formulation provided high serum concentration (Cmax), fast time to peak drug concentration (Tmax), and 100% absolute bioavailability.

Nanoform's nanocrystalline formulations enable significantly higher drug loading, allowing for smaller pills and a reduced pill burden. Its technology is free from organic hydrocarbon solvents, offering an environmentally sustainable alternative.

NOVEMBER 18, 2024 – PROJECT NANOAPALUTAMIDE PROGRESSING ACCORDING TO PLAN

We were pleased with the **positive results from a recent in vivo study** comparing Nanoform's tablet prototypes with the currently marketed product. The results provide confidence in our choice of the lead tablet prototypes and are expected to further accelerate interest among potential partners. Based on earlier experience with Nanoenzalutamide, we expect that following further optimization of the formulation, the **next major development milestone for this project is a pilot PK study in humans during 2H2025.**

Takeda (plasma-derived formulations for rare conditions)

MAY 7, 2024 - NANOFORMED HIGH-CONCENTRATION BIOLOGICS FORMULATION FOR SUBCUTANEOUS DELIVERY RESULTS TO BE PRESENTED BY TAKEDA AT DDF SUMMIT

The proof-of-concept study data support the potential of Nanoform's patented biologics platform to achieve high protein concentrations in suspension formulations that are suitable for subcutaneous injection, as shown by results of syringeability and injectability studies.

Controlling the viscosity and aggregation of protein-based solutions is important for pharmaceutical formulators. Because injection volume is limited by the device, therapeutic protein formulations which are to be delivered via intramuscular or intravenous injection need to be highly concentrated. At protein concentrations greater than $200 \text{ mg} \cdot \text{mL}^{-1}$ however, viscosity increases to significantly higher than 20 cP (centipoise) to quickly exceed the maximum 40 cP viscosity deemed acceptable for a conventional subcutaneous injection.

AUG 15, 2024 - NANOFORM COLLABORATES WITH TAKEDA ON THEIR PLASMA-DERIVED THERAPY DEVELOPMENT

Nanoform enter into a pre-clinical development agreement with the Plasma-derived Therapies Business Unit of Takeda Pharmaceuticals Inc. to develop innovative plasma-derived therapy formulations for the treatment of rare conditions. Following the completion of in vitro proof of concept studies of a novel plasma-derived therapy formulation, Nanoform will provide non-GMP nanomaterial to Takeda for in vivo studies. The first results of these studies are expected by early 2025. It is the intention of both Nanoform and Takeda to develop medicine candidates to clinic and then take them as products to the market.

Nanoform Biologics' nanoforming technology can deliver large-molecule drug particles of tuneable size and morphology, while retaining biological activity. The technology can be applied across the biologics field, from 1 to 150kDa, to enable novel routes of delivery, enhance drug loading, tailor release profiles and engineer new drug combinations.

Project Glioblastoma (hydrogel for central nervous system cancer)

Nanoform customer TargTex S.A. was granted **Orphan Drug Designation** by FDA for its nanoformed drug candidate TTX101 to be used in patients with malignant gliomas (October 2023). The orphan drug designation follows the generation of a preclinical rodent data package in which a **survival advantage** was shown for this nanoform-enabled medicine candidate.

The hydrogel **nanoformulation developed by Nanoform enabled a 200-fold increase** in drug load compared to bulk and a 5-fold increase in drug load compared to nanomilling.

In November 2023, the **European Innovation Council and SMEs Executive Agency (EISMEA)** awarded **TargTex €14m in funding**.

TargTex is currently raising additional funds to take this innovative treatment to clinic and is planning a phase 1/2a **clinical trial in recurrent glioblastoma (GBM) patients across the US and EU**, in which nanoformed TTX101 is applied as adjunct to surgery after tumour excision.

Nanoform is here to fill the gap

Enabling
new drugs

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

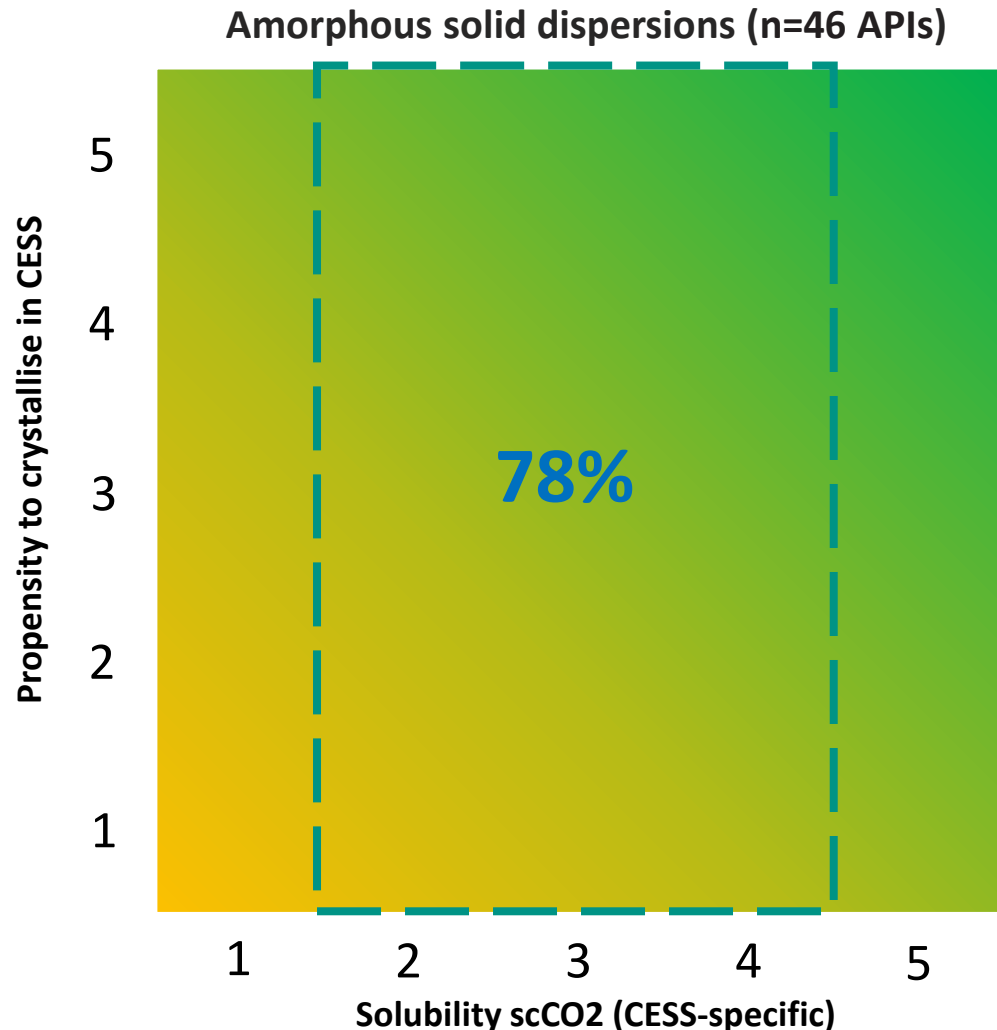
Improving
existing
drugs

> **5,800**
existing drugs*

Giving
unsuccessful
drug candidates a
second chance

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

STARMAP® predicts that nanoforming is an attractive alternative to ASDs (Amorphous Solid Dispersions)



- ✓ STARMAP predicts that 78% of marketed ASD APIs fall within our processing “sweet spot”
- ✓ 46 ASDs have been Starmapped
- ✓ There are ~50 ASDs on the market selling globally for ~USD 50bn, while there are 30+ candidates disclosed in the clinical pipe-line and most likely hundreds in the preclinical state.
- ✓ The Nanoenzalutamide and Nanoapalutamide projects are first examples of what nanoforming potentially can do to/for ASDs

Nanoform uses its expertise at the interface of nanoparticles and polymer science to enable a more patient- and planet centric alternative to ASDs

Within marketed ASDs 31/39 passed our STARMAP[®] screen and are predicted to be amenable to nanoforming*

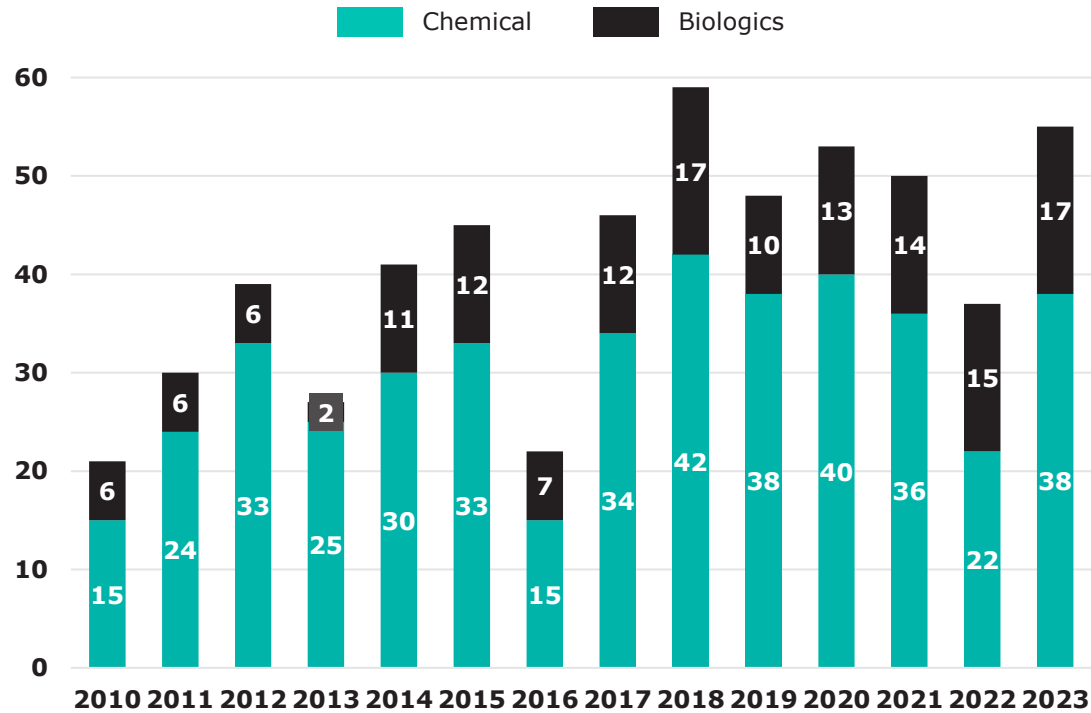
| | | | |
|----------------------------------|----------------------|------------------------------------|----------------------------------|
| Belsomra[®] | suvorexant | Pifeltro[®] | doravirine |
| Braftovi[®] | encorafenib | Prezista[®] | darunavir |
| Cesamet[®] | nabilone | Prograf[®] | tacrolimus |
| Deltyba[®] | delamanid | Qinlock[®] | ripretinib |
| Erleada[®] | apalutamide | Sotyktu[®] | deucravatinib |
| Febuxostat[®] | febuxostat | Sporanox[®] | itraconazole |
| Gavreto[®] | pralsetinib | Stivarga[®] | regorafenib |
| Incivek[®] | telaprevir | Sunlenca[®] | lenacapavir |
| Intelence[®] | etravirine | Symdeco/Symkevi[®] | ivacaftor/tezacaftor |
| Jinarc/Samsca[®] | tolvaptan | Tavneos[®] | avacopan |
| Kaletra[®] | ritonavir/lopinavir | Trikata[®] | ivacaftor/tezacaftor/elexacaftor |
| Kalydeco[®] | ivacaftor | Tukysa[®] | tucatinib |
| Lynparza[®] | olaparib | Xtandi[®] | enzalutamide |
| Norvir[®] | ritonavir | Zokinvy[®] | lonafarnib |
| Noxafil[®] | posaconazole | Zortress[®] | everolimus |
| Orkambi[®] | ivacaftor/lumacaftor | | |

The structural pharma R&D problem in the pharma industry

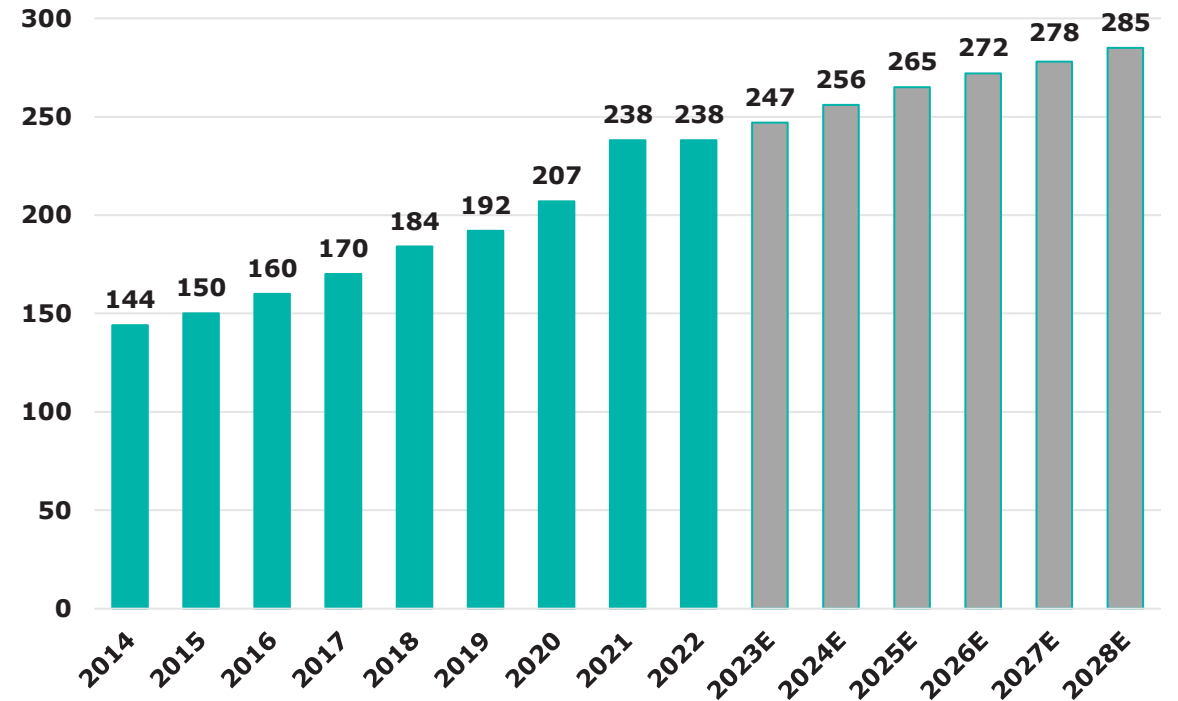
Fewer than 50 drugs approved in the US annually on average...

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

Annual number of novel drug approvals by FDA 2010-2023



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

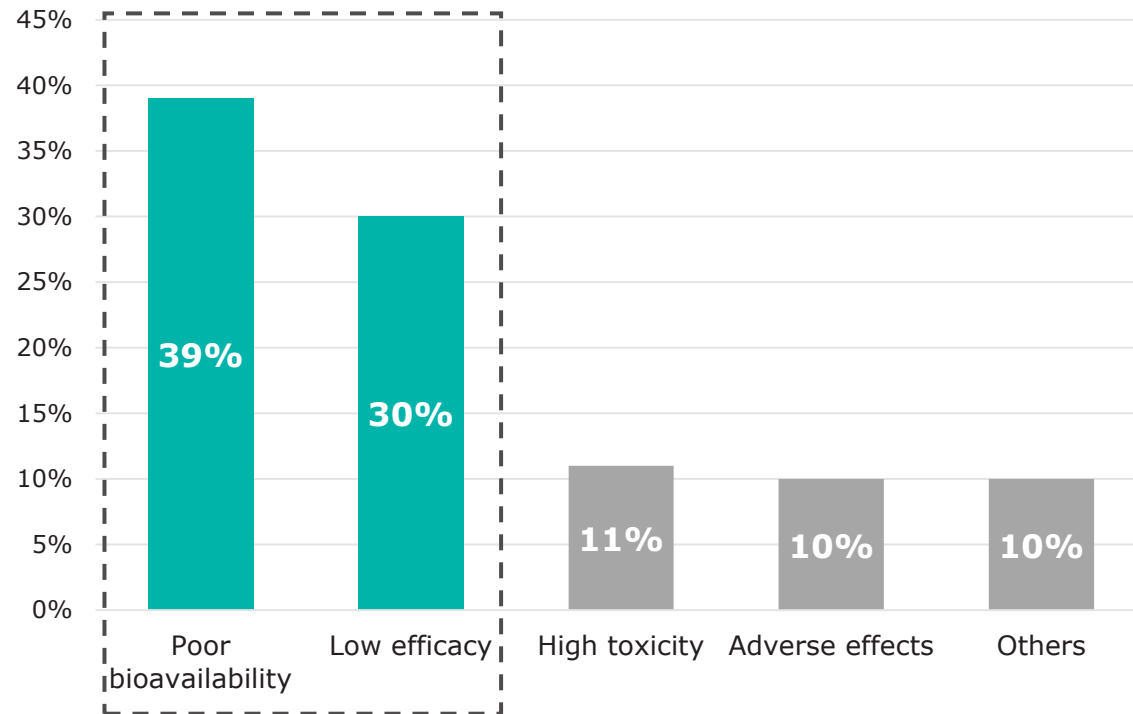


➤ A game changer is needed to improve R&D yield

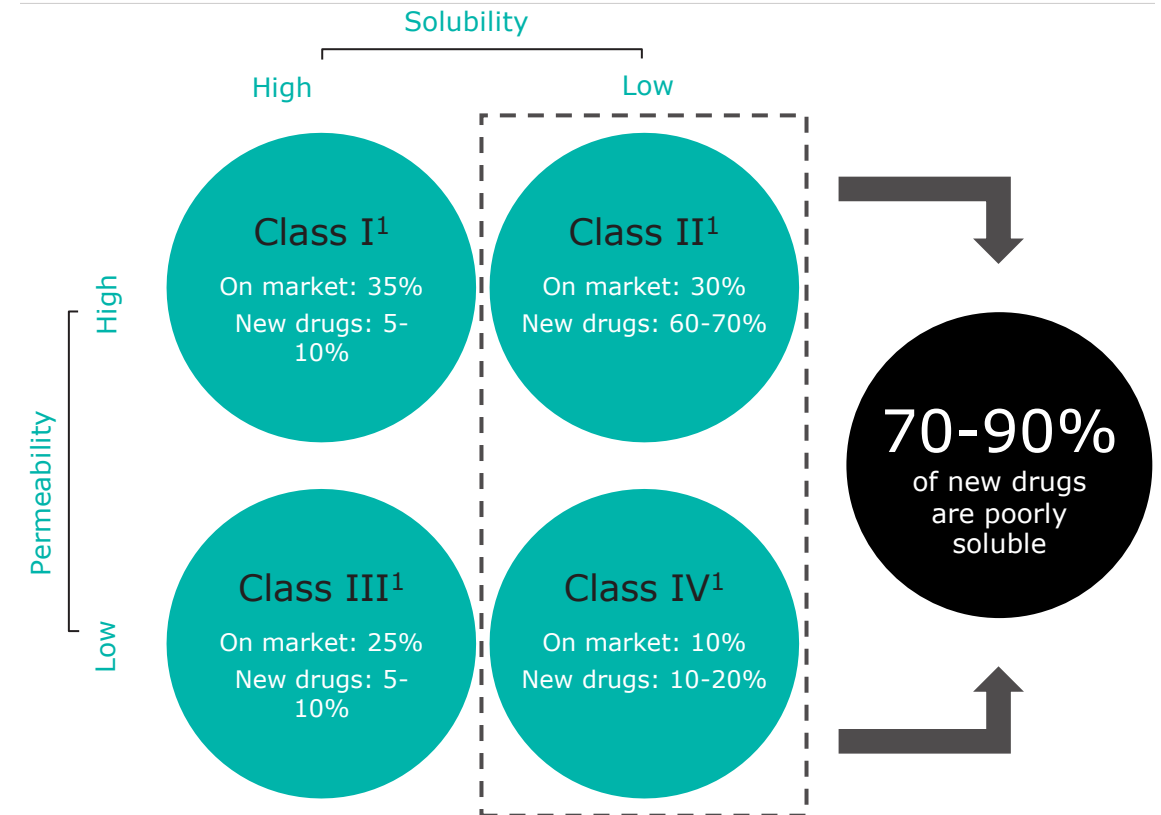
Low bioavailability is the key issue

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

Small molecules - Small is powerful®



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

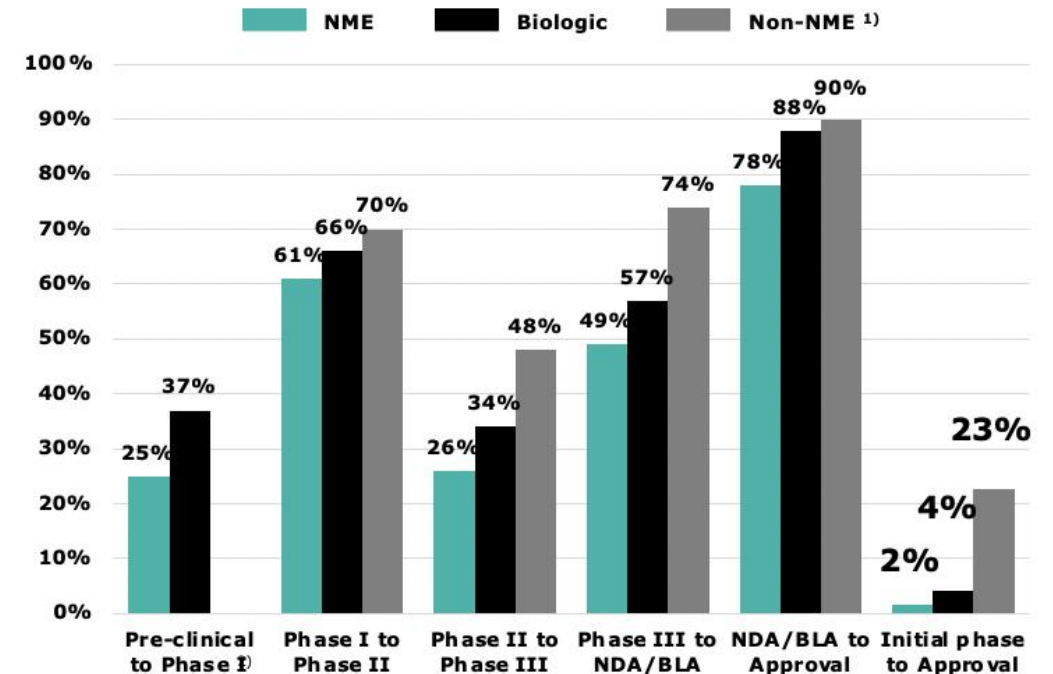
Phase I, II & III and/or 505(b)(2)

- 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

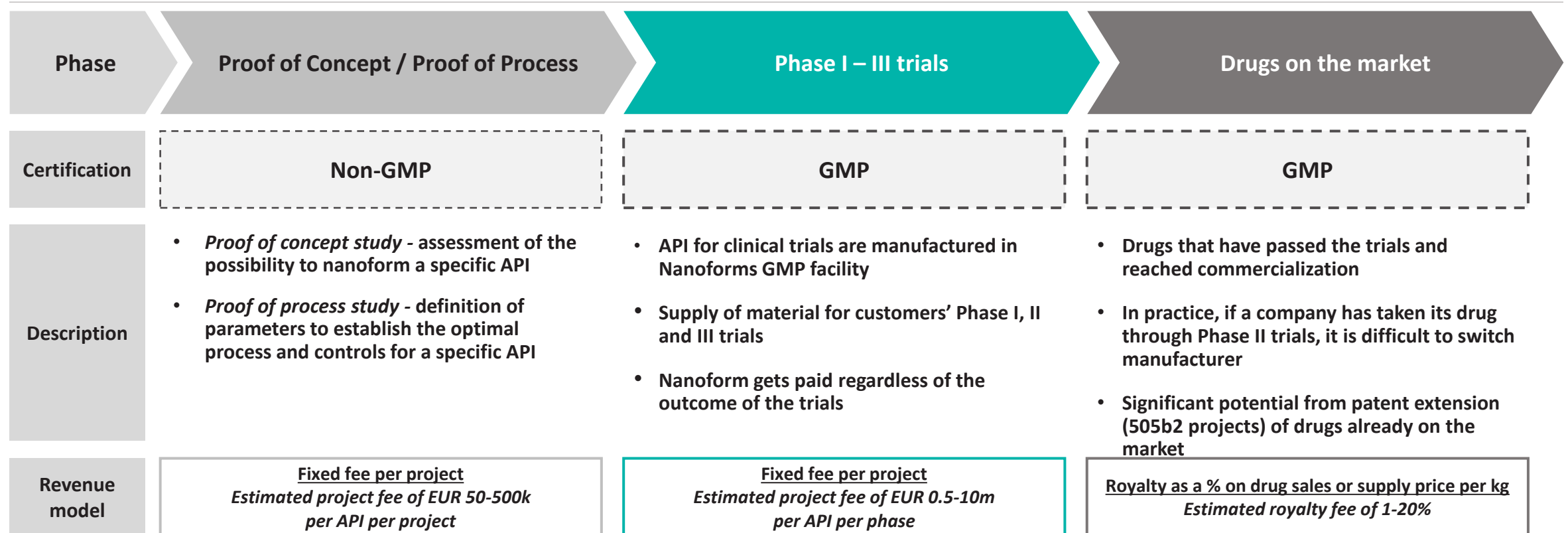
Global Pharmaceutical industry's pre-clinical and clinical success rates



| Timeline (years) | Pre-clinical | Phase I | Phase II | Phase III | Approval | Total |
|------------------|--------------|---|----------|-----------|----------|-------|
| New drugs | ~1-4 | ~2 | ~2 | ~3-4 | ~1 | ~9-13 |
| Existing drugs | - | Clinical development for 505(b)(2) ~2-5 | | | ~1 | ~3-6 |

Nanoform – Attractive revenue model

Predictable revenue streams through capitalizing the entire pharmaceuticals value chain



Management team: Multi-disciplinary with international merits



CEO & Co-founder; Ph.D. (Applied physics), MBA

Edward Hæggröm

- Professor at the University of Helsinki, Head of Electronics Research Lab. within the Dept. of Physics
- Previously visiting professor at Harvard Medical School, visiting scholar at Stanford University and project leader at CERN
- Has led large number of scientific projects
- *Current ownership: 5,409,405 shares and 204,000 options*



CCO; M.Sc. (Chemistry)

Christian Jones

- Previously Commercial Director and member of the Senior Leadership Team for the Global Health Sector at Johnson Matthey
- Senior roles at Dr. Reddy's Global Custom Pharma Solutions and Prosonix
- **Key area of responsibility:** Commercial strategy and business development
- *Current ownership: 384,000 options*



General Counsel & Chief Development Officer; LL.M

Peter Hänninen

- Previously Attorney, Borenium Attorneys
- Successful track-record of advising technology companies from founding to exit in key transactions and collaborations
- **Key area of Responsibility:** Legal, Compliance, IPR, HR, IT
- *Current ownership: 103,125 shares and 530,000 options*



Chief Quality Officer, M.Sc. (Pharmacology)

Johanna Kause

- Previously Head of Quality, Regulatory and Safety for Finland and the Baltics at Takeda Pharmaceuticals
- 25 years of experience in Quality Management in the Pharma sector
- **Key area of responsibility:** Quality Management, GMP, GDP
- *Current ownership: 130,000 options*



CFO and member of the Board; B.Sc. (Economics)

Albert Hæggröm

- 20 years of finance and investing experience
- Prior roles include positions at Alfred Berg, BNP Paribas, Nordea and SEB
- *Current ownership: 726,419 shares and 670,000 options*



Head of Manufacturing; Ph.D. (Chemistry)

David Rowe

- Previously Particle Size Reduction Lead for GlaxoSmithKline
- Chaired the PSR Centre of Excellence
- **Key area of responsibility:** Technical leadership within new chemical entities and commercial assets
- *Current ownership: 413,720 options*



Chief of Business Operations (Chemistry and Quality)

Antonio da Silva

- Degree in Chemistry from Lisbon University and Master degree in Quality from the University Aberta of Lisbon
- Extensive background in the CDMO and particle engineering space (19 years at Hovione)
- **Key area of responsibility:** Pharmaceutical product launches
- *Current ownership: 24,500 shares and 224,516 options*



Board of directors: Top executives from leading industry positions



Miguel Calado

Chairman of the Board

- Previously CFO at international particle engineering CDMO company Hovione Group
- Other previous roles include CFO at PepsiCo International and President International Operations at Dean Foods
- Experienced Board member in both the EU and the US
- *Current ownership: 70,043 shares and 380,000 options*
- **Key experience:**



Albert Hægström

CFO and Board Member

- 20 years of finance and investing experience
- Prior roles include positions at Alfred Berg, BNP Paribas, Nordea and SEB
- *Current ownership: 711,494 shares and 670,000 options*
- **Key experience:**



Mads Laustsen

Board Member

- Over 30 years of experience in pharmaceutical development and manufacturing
- Co-Founder and former CEO of international biologics CDMO company CMC Biologics and former CEO of Bactolife A/S
- Extensive experience in process development and patenting
- Senior positions within several Danish biotech companies
- *Current ownership: 25,649 shares and 300,000 options*
- **Key experience:**



Jeanne Thoma

Board Member

- 30+ years of experience in global pharmaceutical and life science leadership
- Prior roles include executive positions at BASF Inc, Lonza AG and SPI Pharmaceuticals
- *Current ownership: 25,649 shares and 38,630 options*
- **Key experience:**





FURTHER ENQUIRIES

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DIR Henri von Haartman - hvh@nanoform.com, +46 76866 50 11