



2024 Second Half and Full-Year Results

Our Path Toward Enabling Next-Generation Cancer Therapy

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Becoming a world-leading supplier of alpha-emitters to cancer therapies creating a multi-billion USD market

New cancer therapies create a
USD 1bn+
revenue opportunity

Industrial milestone
**First production run
Q4 2024**

Successfully raised capital for
AlphaOne plant

Listed on Oslo Stock Exchange
NOK ~800m
market capitalization



Enabling a transformation of cancer care with next-generation precision treatment



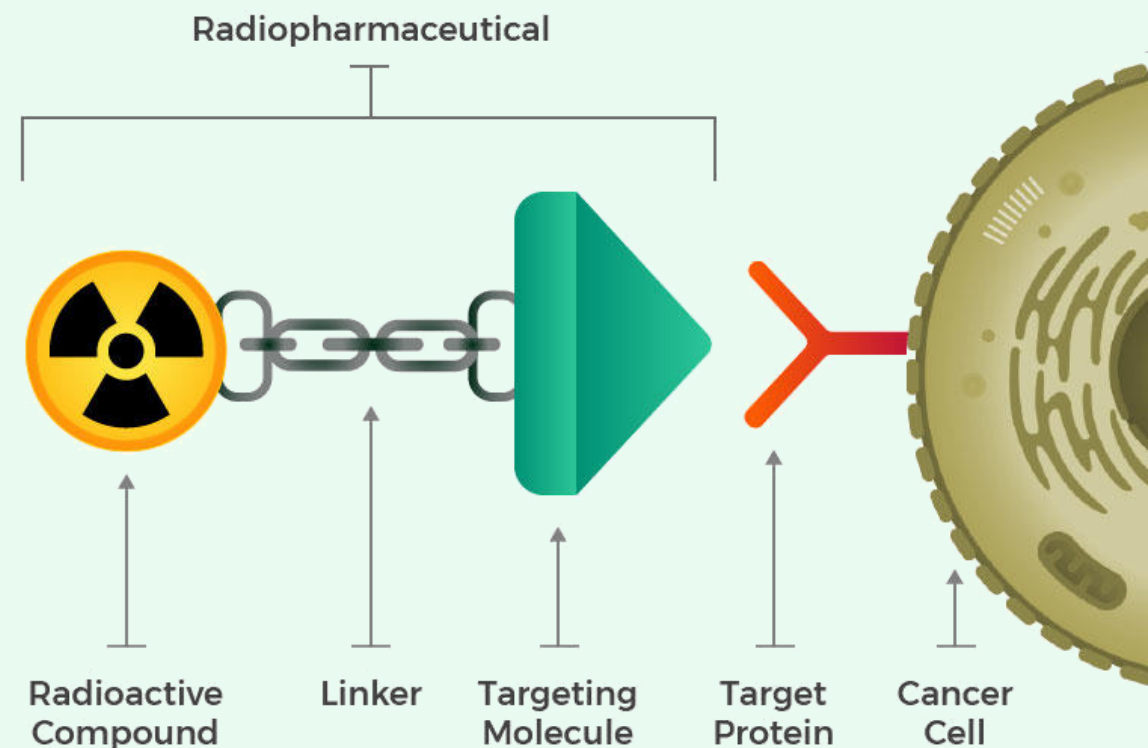
Cancer is a leading cause of death worldwide, accounting for around 10 million deaths per year



Radiotherapeutics represents one of the fastest growing cancer treatment options



Thor Medical enables a transformation of cancer care with **alpha-emitters for next-generation precision treatment**



2024 highlights

- Successfully **completed and commissioned pilot facilities** at Herøya, delivering on time and within budget
- **Delivered first Thorium-228 product samples** to customers with verified confirmation of performance
- Secured **strategic sales agreements with ARTBIO and AdvanCell**, and with a large pharmaceutical company for preclinical use
- Developed **partnerships with feedstock suppliers** to ensure reliable supply of raw materials
- Successfully **completed capital raise for AlphaOne**, the company's first commercial scale plant set to start production in 2026

Subsequent events

- Received loan facility commitment of **NOK 90 million** from Innovation Norway – completing the funding package for AlphaOne
- Completed subsequent offering with **NOK ~200 million in total proceeds from equity raise**



On track towards commercial-scale production – AlphaOne



Herøya, Norway
Location

15,000 patient doses
Capacity

15-20 FTEs
Employment

2026
Production start

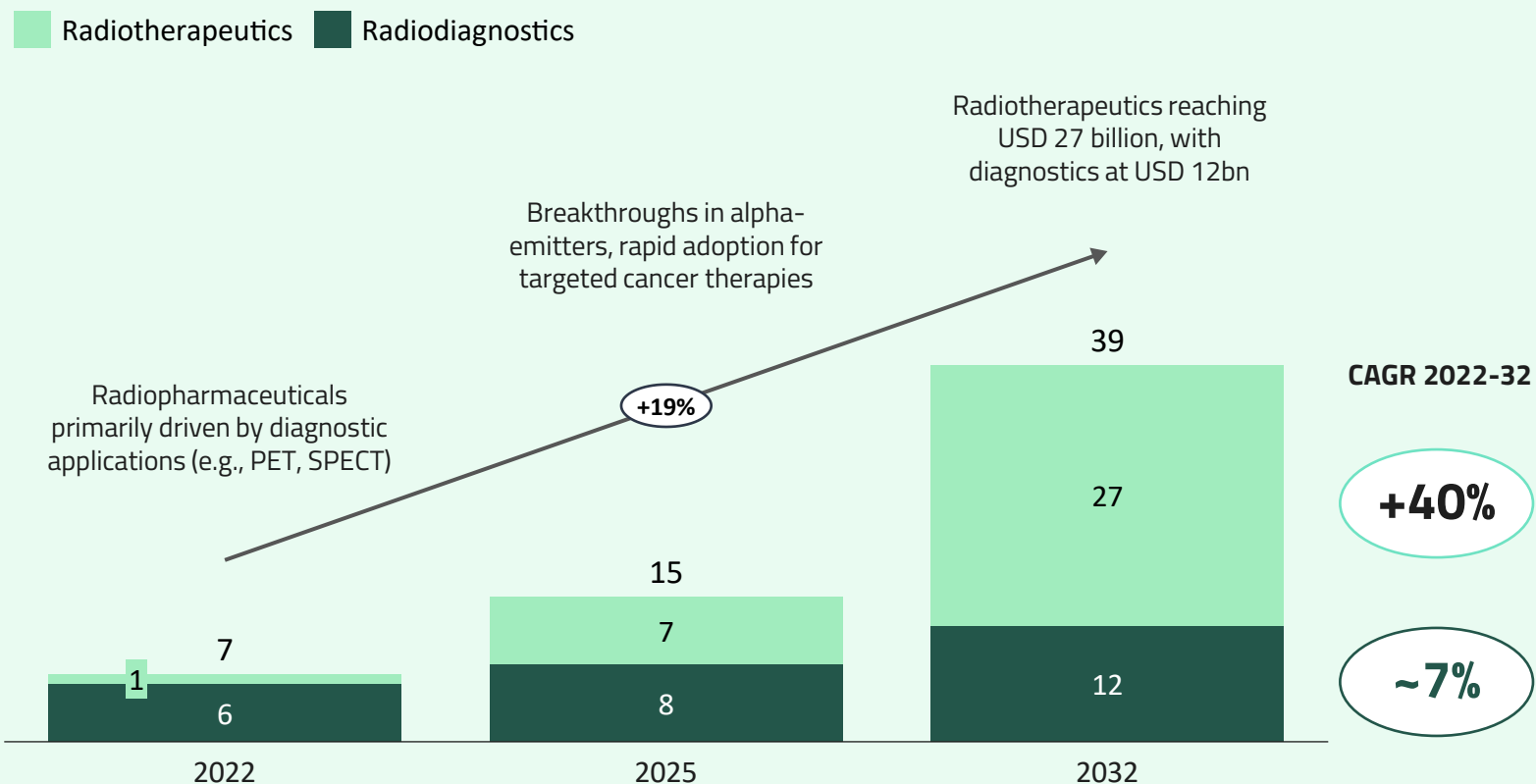
Final investment decision March 2025



Market View

Radiotherapeutics expected to dominate the broader radiopharmaceutical market

Radiopharmaceuticals market size, USDbn



Key growth drivers

1. Technological advancements

Next-gen alpha-emitters deliver better efficacy with fewer side effects than beta-emitters, making radiotherapeutics more attractive.

2. Oncology demand

Cancer care drives the market, with over 20 companies developing candidates, some set to launch by the late 2020s.

3. Regulatory momentum

Faster approvals and strategic partnerships are boosting new product launches and accelerating market adoption

Footnote: Note: Radiotherapeutics and radiodiagnostics serve complementary roles in healthcare—diagnostics identify and assess diseases, while therapeutics treat them. Accurate diagnosis is essential for effective treatment, making both crucial steps in patient care. Source: MEDDraysintell Nuclear Medicine Report, Edition 2023

Radiopharmaceutical deals doubling in 2024

**USD
10bn**

radiopharma deals in 2024
vs. USD 5.5bn in 2023

**All time
high**

oncology trials starts and 22%
increase since 2018

**USD
1.4bn**

radiopharma financings
in 2024 vs. USD 1.2bn
in 2023

AdvanCell Enters Into Strategic Collaboration with Lilly to Advance Novel Targeted Alpha Therapies for the Treatment of Cancer

CDMO Nucleus RadioPharma links up with ARTBIO to help produce prostate cancer candidate for clinical trials

AdvanCell raises \$112m as radiopharma buzz continues

FINANCIAL TIMES

The hunt for a rare nuclear isotope that could redefine cancer care

Going nuclear: radiopharmaceuticals funding sees surge in 2024

Health - Second Opinion

Killing cancer cells with alpha particles could be the next frontier in treatment

Sanofi joins rivals investing in nuclear cancer treatment

French pharma group to take €300mn stake in radiopharmaceuticals company

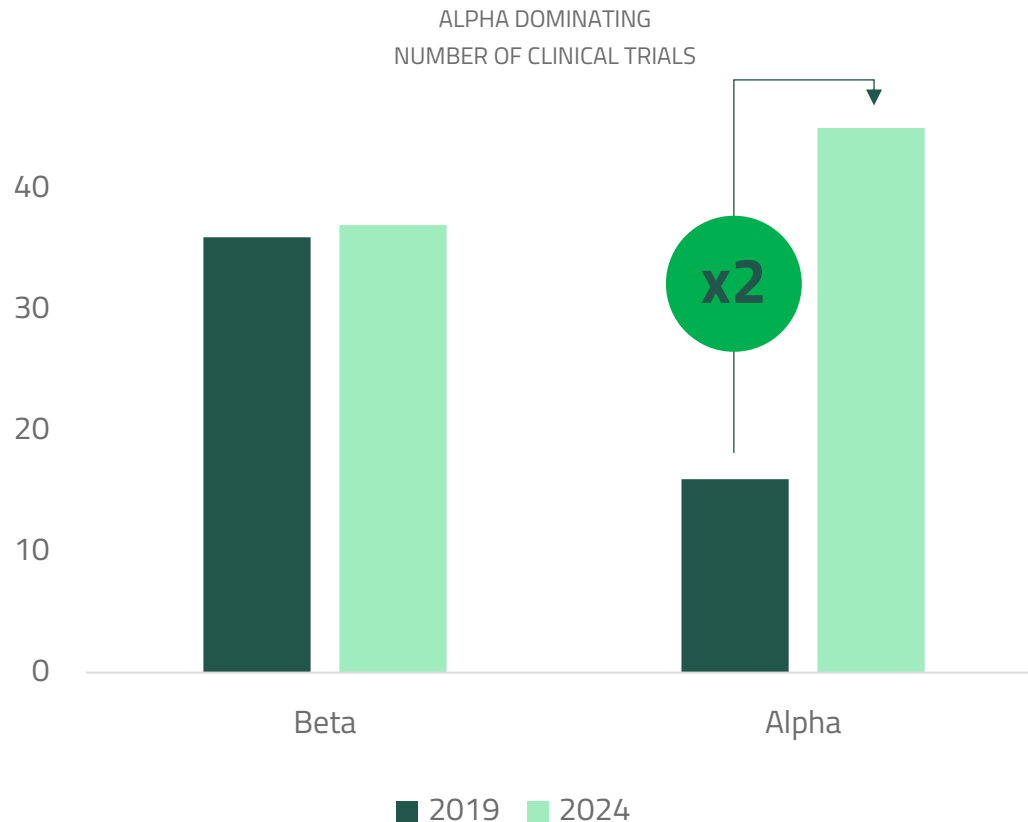
NUSANO ANNOUNCES SERIES C FINANCING OF OVER \$115M TO COMMERCIALIZE RADIOISOTOPES

Novartis to Buy Mariana Oncology, Paying \$1 Billion Upfront

- Radiopharma firms are sought after by large drugmakers
- Novartis may make up to \$750 million in milestone payments

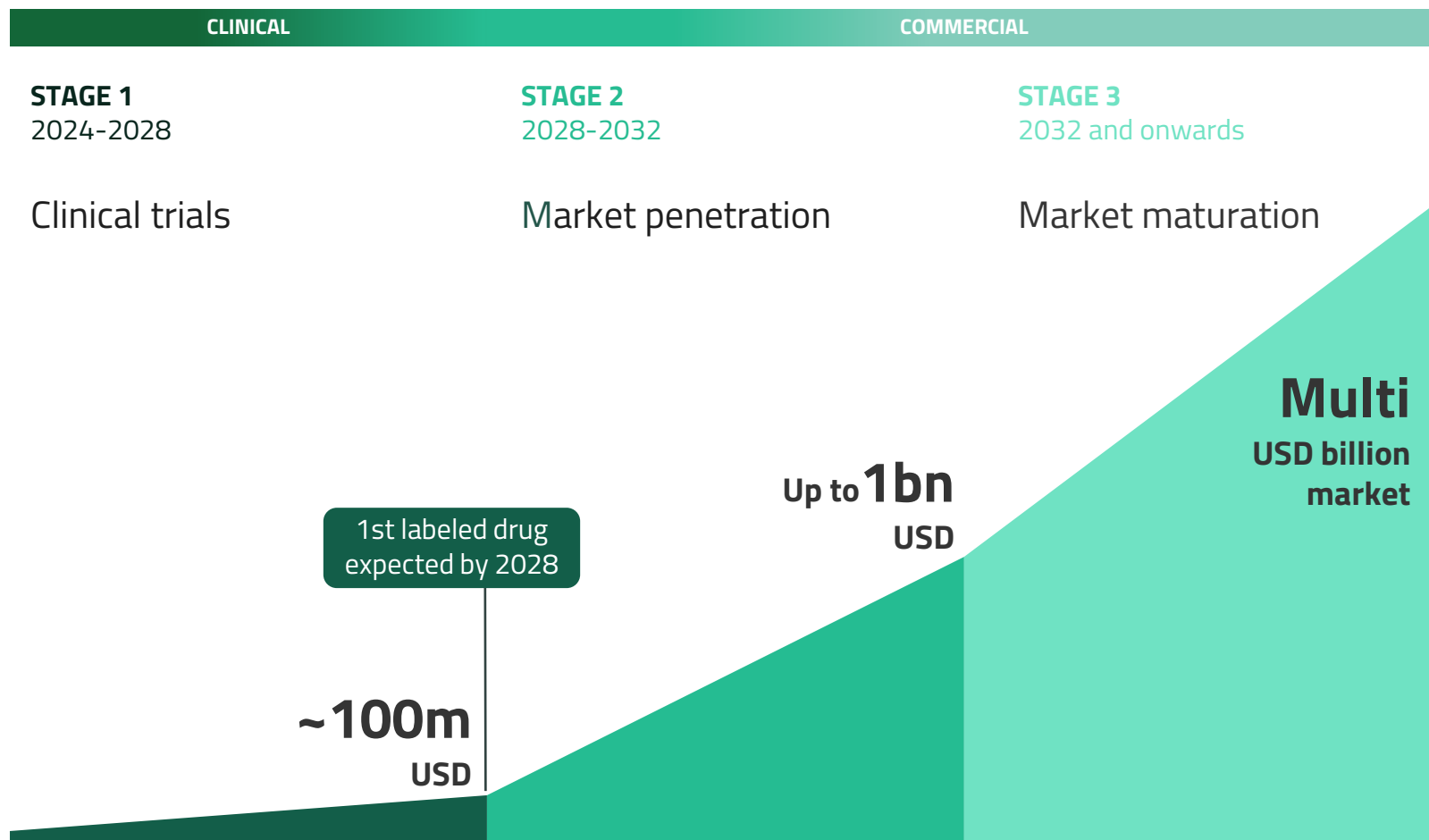
Alpha particles improving therapy with fewer side effects

Th-228 derived Pb-212 in pole position as ideal alpha isotope



- **High energy transfer** – better efficacy than beta particle
- **DNA destruction** – breaks both strands for direct cell death
- **Shorter path ranges** – less off-target toxicity, healthy cells spared
- **Short half-life** – no long-lived radioactivity
- Alpha isotope **Pb-212 well suited for clinical development and commercialization**
 - Optimal properties, growing clinical development, based on natural thorium to reduce supply vulnerabilities













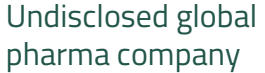
Rapidly growing radioisotope market with billion-dollar potential



- **A single successful Pb-212 product** can create a market worth several hundred million USD
- **15+ assets in clinical trials**, first entering phase 3 in 2025



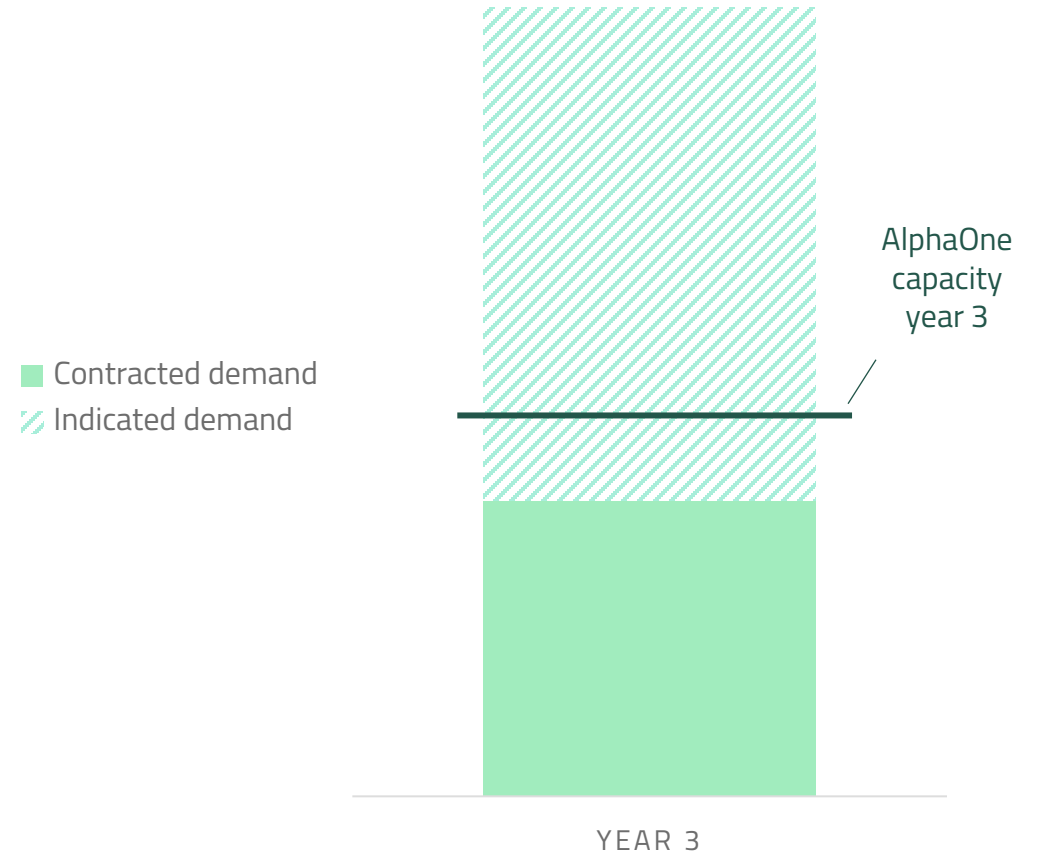
Rapidly developing clinical pipeline of assets using Pb-212/Ra-224 derived from Th-228

Company	Preclinical	Phase 1	Phase 2	Phase 3	Recent highlights
 Oranomed					<ul style="list-style-type: none"> EUR 300m investment to develop next-gen. radioligands Starting Phase 3 in 2025 
 PERSPECTIVE THERAPEUTICS					<ul style="list-style-type: none"> Listed on New York Stoch Exchange 
 ARTBIO					<ul style="list-style-type: none"> Licensing agreement with 3B Pharmaceuticals 
 AdvanCell					<ul style="list-style-type: none"> Raised USD 112m including from Sanofi Ventures Signed partnership with Lilly 
 onco invent					<ul style="list-style-type: none"> Recent listing on Oslo Stock Exchange Starting phase 2B 
 Alphetau					<ul style="list-style-type: none"> Listed on New York Stoch Exchange 
 Undisclosed global pharma company					<ul style="list-style-type: none"> New market entrant for Pb-212

Several established pharmaceutical companies now entering the market with preclinical studies

Indicated demand exceeds AlphaOne capacity

- **Current contracts already fill ~75% of AlphaOne capacity first 4-5 years** - ARTBIO, AdvanCell, and undisclosed customers
- Combined contracted **revenues of NOK 300-500m** with ramp-up roughly following production volumes
- Indicated **demand from other potential customers significantly exceeds** capacity
- Actively pursuing opportunities to further scale capacity and meet the high demand without significant additional investments
- Commercial priority to convert market interest into long-term commercial agreements for Thor Medical

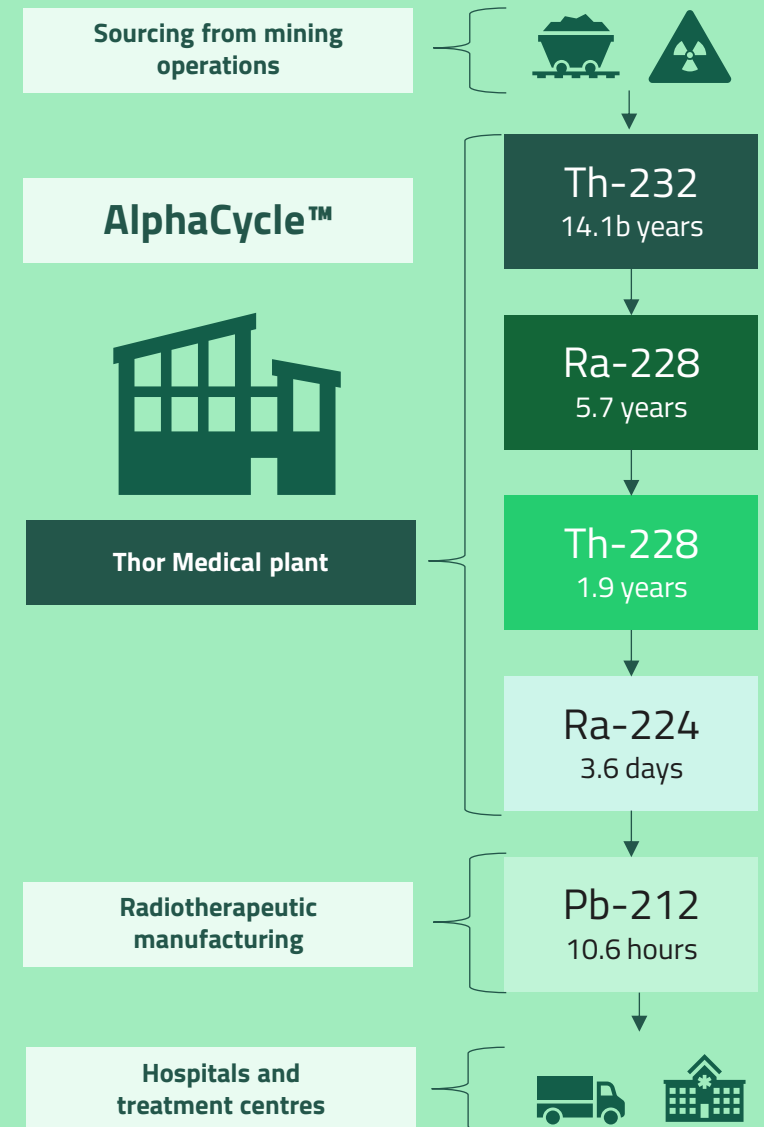




Operational development

Scalable, cost-efficient, and sustainable production of high-purity isotopes

- **Delivering high purity Th-228 and Ra-224**, parent isotopes for Pb-212, based on natural decay requiring no irradiation
- Natural decay chain **avoids radioactive contaminants** and impurities arising in irradiation-based processes
- **Proven and scalable** cost-effective separation method with 99.9% yield based on infinitely reusable Th-232 feedstock
- Production process **is self-scaling** and self-sustaining capacity



Operations since October 2024

Pilot as a launchpad for growth

- Doubling production capacity from 100 to 200 patient doses to support initial clinical volumes of Th-228 in 2025, with only minor investments
- Seeking to bridge the supply gap until AlphaOne starts commercial production
- Also producing limited quantities of Pb-212 for preclinical applications
- Projected single-digit NOK million sales revenue from the pilot plant in 2025

Herøya, Norway
Location

200 patient doses
Capacity

4-6 FTEs
Employment

Q4 2024
Production start



Production scale-up **AlphaOne – first commercial scale plant**

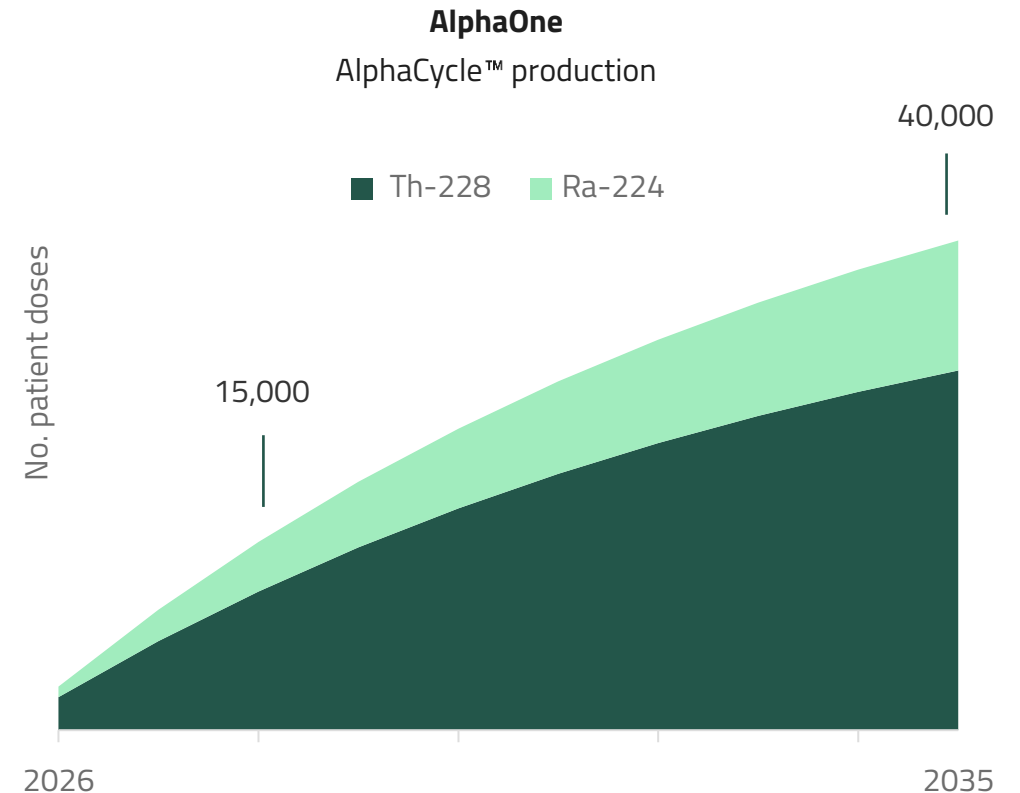
- Th-228 and Ra-224 production to meet early market demand
- Expanding existing pilot facilities to commercial scale capacity
- Self-scaling production capacity increasing to 15,000 doses after 3 years with NOK 250m annual revenue potential, scaling to 40,000 doses after 10 years
- Sufficient to take the company into cash-positive operations within 2 years
- Investment decision by end of March 2025

Herøya, Norway
Location

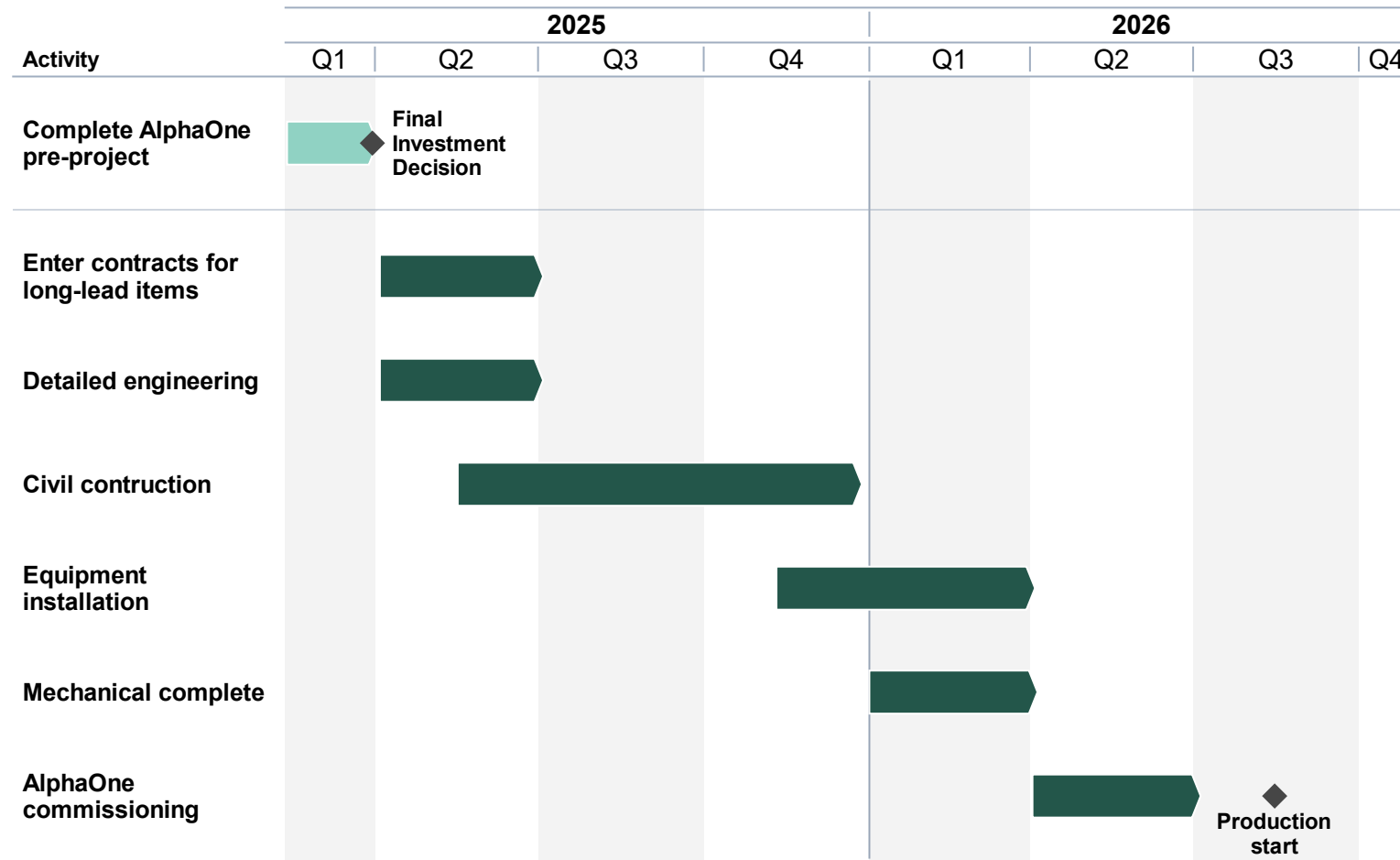
15,000 patient doses
Capacity

15-20 FTEs
Employment

Q1 2026
Est. plant completion



Commercial scale development and execution roadmap



- Ongoing pre-project to finalize contractor tendering process before FID in March
- Subject to FID, build the Herøya on-site team with management and technicians for AlphaOne
- Strengthen key support functions to drive growth and innovation over the years to come

Sharply growing market opportunity enables ambitious ramp-up plan over the next decade





Financials

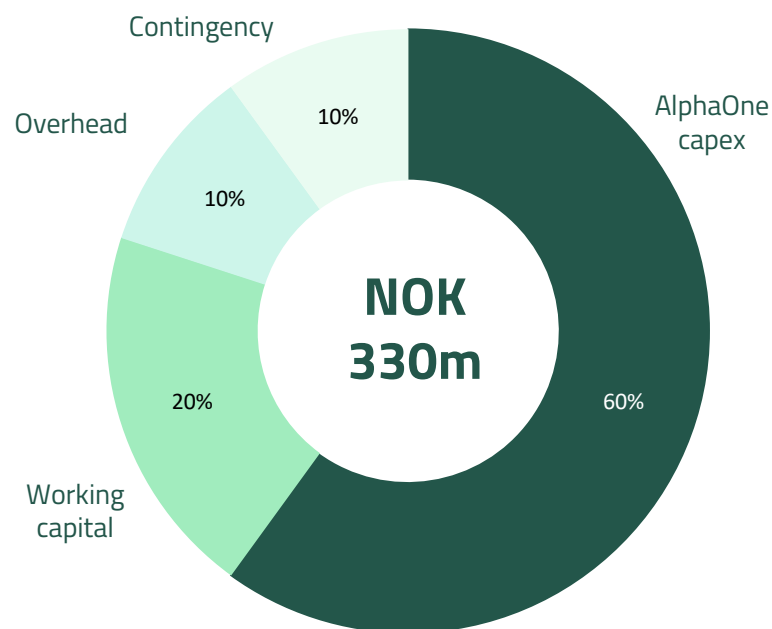
Efficient capital utilization for organization and pilot ahead of AlphaOne investment decision

Financial key figures (in NOKm)	2H 2024	2H 2023	2024	2023
Revenues	0.0	0.0	0.0	0.0
EBITDA	-28.9	-6.8	-41.6	-6.8
Profit / (loss) before taxes	-29.6	-5.6	-42.6	-5.6
Net cash flow	93.8	-8.4	81.6	-56.9
Available cash	123.4	41.8	123.4	41.8

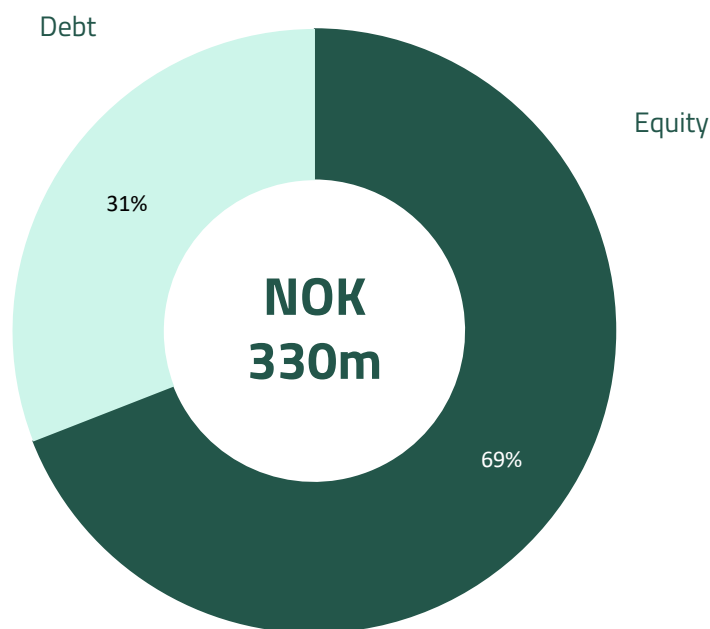
- Payroll and related expenses of NOK 12 million
- Other expenses net of grants amounted to NOK 18.8 million relating mainly to pilot site installations and overheads
- Grants of NOK 3.0 million from Innovation Norway and NOK 3.6 million from Norwegian Research Council
- Closed 2024 with a cash position of NOK 123.4 million, with additional NOK 84.8 million proceeds from share issue received in 2025

Fully funded for scaling operations in 2026

Capital uses



Capital sources



- Raised NOK ~200 million in private placement and subsequent offering in Dec 2024/Jan 2025
- Secured NOK 90 million loan commitment from Innovation Norway
- Establishing working capital facility to remain fully financed through production ramp-up in 2026
- AlphaOne will generate cash-positive operations



Outlook

Outlook

Refine and
scale pilot
operations

Execute
AlphaOne
project

Further
expand
sales
pipeline

Strengthen the
organization



Why invest in Thor Medical

We are enabling next-generation precision cancer treatments

1

Major market opportunity

The radiotherapeutics market is set to increase to USD 27bn by 2032, with alpha-emitting radioisotopes enabling next-generation precision cancer treatment. Thor Medical has an opportunity to generate annual revenues of up to USD 1bn.

2

Unique, verified and scalable technology

Preparing for large-scale commercial supplies of the world's purest Thorium-based radioisotopes, based on verified patent-pending technology.

3

Clear operational roadmap to commercial volume deliveries in 2026

Advancing pilot facilities as planned and within budget. AlphaOne plant aims to enable commercial volume deliveries by 2026, positioning Thor Medical for rapid scale-up and market penetration in synchronization with increasing market demand.

4

Clear financial roadmap – AlphaOne fully funded

Recent capital raise provided necessary funds to build first commercial scale plant, AlphaOne, which will bring the company into a cash-positive position.

5

Strong teams and supportive owners

Extensive experience in nuclear medicine and radiochemistry, founded in the Norwegian radiopharmaceutical cluster and backed by Scatec Innovation.



Thor Medical is an emerging supplier of radionuclides, primarily alpha particle emitters, for medical use in cancer therapy. Its proprietary production technology requires no irradiation, and provides reliable, environmentally friendly, cost-efficient supply of alpha-emitters for the radiopharmaceutical industry.

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