

2025 Annual General Meeting

30 May 2025





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All references to dollars unless otherwise specified are to Australian dollars.

This presentation was approved and authorised for release by James McBrayer, Managing Director, CEO and Company Secretary.





WELCOME

Mr David Heaney



CHAIRMAN'S ADDRESS

Mr David Heaney



Technegas around the world



Australian innovation entering a new era of Nuclear Pulmonolgy driven by **A**I



Technegas is now available in **66 countries.** Direct distribution in **17 countries.**



Over **5.0 million** patient procedures to date



Recently approved in the US



Leveraging global infrastructure with **Business Partner Product** distribution



A World Leading Diagnostic Imaging Company

Technegas[™] in 66 countries with a **strong second half** of 2024 supporting **record global sales up 5%** on the prior corresponding period (pcp)

Technegas[™] installed at **33 US sites** at 30 May 2025 with conservative growth estimates of **250 – 300** total installations by **second half 2026**.

US contracts covering **close to 300 Nuclear Medicine Departments** drive second half 2024 **revenue up 131%** compared to the first half, underpinned by **full reimbursement** through Medicare and Medicaid.

Continued growth in Third-Party distribution sales, including an increase of 57% in the second half, to deliver a 4% increase in revenues on the pcp.

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Cyclopharm's **Beyond PE strategy** to expand the use of Technegas[™] validated by ongoing clinical trials, including a **new French trial** into residual pulmonary vascular obstruction.

Successful **\$20 million Capital Raising** followed by over-subscribed **\$4 million Share Purchase Plan** in 2024 underscores shareholder support for Cyclopharm's growth strategy.

Balance sheet with \$20.6 million of net cash at 2024-year end to support accelerating US growth.



MANAGING DIRECTOR'S ADDRESS

Mr James McBrayer



2024 Full Year Financial Results

2024 Financial Overview



Record Sales Revenue	 \$27.6m up 5% from \$26.3m in the pcp
Technegas	 Global sales revenue up 5% from the pcp to \$15.2 million, with a strong second half up 14%, driven by initial US sales.
3 rd Party Distribution	 Global revenue up 4% from the pcp to \$12.4 million
Technegas US	 Initial US Technegas sales drive 5% increase in group revenue Total US sales of \$827k includes 131% growth in 2nd half sales 2nd half driven by early adoption by Key Opinion Leaders
Net Loss After Tax	 \$13.2m loss up 181% on \$4.7m loss in the PCP, which benefited from \$4.5 million of positive adjustments
Balance Sheet	 \$20.6 m of cash reserves as @ 31 December 2024 to drive our growth strategies



2024 Trading Overview and Underlying Business

2024 Trading Highlights

Technegas	 Underpinned by PAS¹ sales delivering 72.6% of revenue compared to 70.7% in the pcp 55 system sales compared to 58 in the pcp (excluding USA)
Third Party Distribution	 Capital projects revenue up 83% in the 2nd half but overall was down 35% on the pcp Consumables and service revenue was up 26% overall, including a strong 2nd half, up 54% on the pcp
Regulatory Renewals	 All regulatory renewals in existing 66 country markets maintained
Indication Expansion	 Existing 'Beyond PE' clinical trials progressing. French trial use of Technegas™ to improve detection of residual pulmonary vascular obstruction initiated

Group Revenue Trend by Category (last 3 years)





¹ Patient Administration Set (PAS) box equals 50 patient Technegas™ procedures.



Understanding Technegas

Technegas – Proven Technology

Unique Drug + Device + Service combination = regulatory barrier to entry

Technegas comprises the following components



USFDA Drug-Device Combination product

Razor - Razorblade business model

Per-patient consumables drive an annuity-like revenue stream

All Technegas components are manufactured / assembled by Cyclopharm





Understanding Third Party Products



Overview of Third-Party Products

Leveraging our Sales, Service & Regulatory Footprint in our Direct Markets

Third-Party Products comprise the following components



Direct sales and Service in 17 out of 66 approved markets

- Equipment sales tender / project driven (non-linear)
- Razor Razorblade business
 model with consumables
 linked to equipment sales
- Pharmaceutical wholesale licenses required





Technegas USA Expansion

USA Implementation Update

Establishing a Network of Key Opinion Leader Locations



Rollout Update as of 30 May 2025:

- O 33 US installations to date
- Sales Generated since approval:
 \$U\$1million (A\$1.6million) @ 31 March 2025
 \$U\$1.35 million (A\$2.16 million) @ 30 May 2025
- O CMS Pass Through **reimbursement granted**
- Contracts secured in January & March 2025 with the largest Government and Private Healthcare Groups in the USA
- Strong pipeline expanding installation within existing customer buying groups and leveraging off regional KOL's

Broad Indication for use approved by USFDA

Potential applications across the entire field of respiratory medicine

Technegas (kit for the preparation of technetium Tc99m labeled carbon inhalation aerosol) for oral inhalation use – NDA 022335

------USFDA APPROVED INDICATIONS AND USAGE------

TECHNEGAS, when used with sodium pertechnetate Tc 99m in the Technegas Plus System, provides technetium Tc 99m-labeled carbon inhalation aerosol (Technegas Aerosol), a radioactive diagnostic agent for use in adults and paediatric patients aged 6 years and older for:

- visualization of pulmonary ventilation
- evaluation of pulmonary embolism when paired with perfusion imaging

Nuclear medicine published Survey

Technegas - the ventilation imaging agent of choice in established markets

ORIGINAL ARTICLE

Performance and Interpretation of Lung Scintigraphy

An Evaluation of Current Practices in Australia, Canada, France, Germany, and United States

Romain Le Pennec, MD, * Wolfgang Schaefer, MD, PhD, † Mark Tulchinsky, MD, ‡ François Lamoureux, MD, § Paul Roach, MD, PhD,// Christoph Rischpler, MD,¶ Katherine Zukotynski, MD, PhD, ** Christopher O'Brien, MD PhD, †† Declan Murphy, MD,// Pierre Pascal, MD, ‡‡ Grégoire Le Gal, MD, PhD,§§ Pierre-Yves Salaun, MD, PhD, * and Pierre-Yves Le Roux, MD, PhD*

- *"The most striking result of this survey is the discrepancy in practices in the United States compared with other countries.....*
- *"The different physical physiological properties of ventilation agents may explain the differences in the choice of acquisition protocols (in the USA).....*
- *"The recent FDA approval of ^{99m} Tc-Technegas may change practices....."*

Survey conducted before Technegas USA launch highlights that:

- 85% of nuclear medicine ventilation studies ex-USA are performed using Technegas
- Xenon-133 has been displaced in all markets where Technegas is available
- SPECT imaging used in >95% outside the USA vs 32% in the USA
- Some USA nuclear medicine departments have not resumed ventilation imaging since COVID
- Beyond PE applications gaining traction in CTEPH, Interventional Respiratory medicine, radiation therapy planning, lung transplant & PE follow-up



US Economic Model

Placement Model to Expedite Consumable Demand

- **US\$7k** one-off installation and training fee
- US\$7k p.a. technology fee, includes servicing
- Annuity Revenue Per patient fee for consumables (sold in 50 patient units)
- **US\$70k** revenue per system per annum expected from larger sites¹
 - >15 yrs average life per system

- Targeting 2,000 of the 8,000 US nuclear medicine departments. 250-300 total installations achieved during the second half 2026.
- System Placement model supports rapid uptake by US customers by removing the initial capital outlay to drive implementation of the technology
- Initial focus on clinical trial and high-volume sites for the greatest clinical impact and greater repeat demand for consumables
- Modest cost base for US roll-out ~US\$6.5m operating costs per annum in 2025
- High consumable annuity gross **margins** expected at **greater than 80%**
- \$180m USD market for diagnosing PE. Beyond PE applications to significantly grow the global market

Calculation based on expected demand and market price for competing products (e.g. Xe133).

Technegas – Proven Technology – De-risked Opportunity

Best-in-Class Global Technology - Technegas[®] is widely regarded as the world's leading nuclear medicine functional ventilation imaging agent, with more than **5 million patient procedures performed globally**.

Broad FDA Indication - US FDA approval includes a **wide-ranging indication** for use in lung imaging—eliminating the need for additional regulatory approvals and supporting the Company's **Beyond Pulmonary Embolism (Beyond PE)** strategy (expanding Technegas[®] into significantly larger clinical indications such as **COPD and asthma**).

Major US Government and Private Sector Contracts Secured - In the past three months, Cyclopharm has signed its **largest customer agreements globally**, including with US federal and private healthcare networks—opening pathways for accelerated adoption across these systems.

Inventory Onshore in the US - A substantial volume of Technegas[®] inventory is already onshore in the US, ensuring near-term supply continuity and reducing exposure to global trade risks.

Reimbursement in Place - Established reimbursement pathways ensure **predictable and ongoing revenue streams** for both Cyclopharm and its US healthcare provider customers.

Long-Term Local Manufacturing Plans - Cyclopharm plans to replicate its manufacturing expertise by establishing a **secondary manufacturing facility in the United States within the next five years**, enhancing supply chain resilience and preserving long-term growth and supply chain stability



Beyond PE: Blue Sky

Evolution of Ventilation Imaging



1. Bailey DL, Roach PJ. j.semnuclmed. 2020; Jan;50(1):75-86

2. King GG, et al. Semin Nucl Med 2010; 40(6): 467-473

3. Provost K, et al J Nucl Med Technol 2017; 45(3): 185-192

4. Gibson P, et al J Allergy Clin Immunol Pract ,. 2024 Apr;12(4):929-935.e4

Technegas® is a registered product of Cyclomedica Australia Pty Ltd

Beyond PE applications

Clinical trials already underway



*Including PE applications. On a long-term basis.

- Roach PJ, et al. J Nucl Med 2013; 54: 1588-1596
- Ohira H, et al. J Nucl Cardiol 2015;22(1): 141-157
- Hsu K, et al. J Bronchology Interv Pulmonol 2018; 25(1): 48-53 11.
- Mortensen J, Berg RMG. Semin Nucl Med 2019; 49(1): 16-21 Δ Wechalekar K, et al. Semin Nucl Med 2019; 49(1): 22-30 -5
- Elojeimy S, et al. AJR Am J Roentgenol 2016; 207(6): 1307-6. 1315
- Eslick EM, et al. Semin Nucl Med 2019; 49(1): 31-36
- 8. Farrow C, King GG. Semin Nucl Med 2019; 49(1): 11-15
- 9.
- 10. Bajc M, et al.. Int J Chron Obstruct Pulm Dis 2017; 12: 1579-17.
- 1587 Verger A, et al. Eur J Nucl Med Mol Imaging 2020; 47(11): 2709-2710
- 12. Baloul A, et el, Eur J Nuc Med Mol Imaging 2021; 48(8):2525- 20. 2530
- 13. Bajc M, et al, Clin Med Insights 2021; Vol 14 1-4
- 14. Blanc-Beguin F, et al, Mol Img Bio 2021, 23:62-69 15. Currie G, J Nuc Med Tech 2021; 49:313-319
- Jögi J, et al. Int J Chron Obstruct Pulmon Dis 2014; 10: 25-30 16. Ozguven, S, et al; Mol Imag Rad Therapy; 2021: 30:28-33

Tee, et al; Intrevent Pulmonology; 2021, DOI 10.1159/000515336

Le Roux, et al, J Nuc Med July 2022, 63 (7) 1070-1074 18. Berhouse, et al, Respiratory Research 2022; 23: 296 19. Ridiadia, et al, ATS Abstract; doi.org/10.1164/ajrccmconference.2022.205.1_MeetingAbstracts.A2554

- Venegas C, et al, ATS Abstract; doi.org/10.1164/airccmconference.2022.205.1
- 22. Le Roux, et al; Clinical Nuclear Medicine, 27 Oct 2022; doi: 10.1097/RLU.000000000004426



Beyond Pulmonary Embolism Initiatives Underway

7 Cyclopharm sponsored Beyond PE clinical trials



- 1. ACTRN12617001275358 Can functional lung ventilation imaging identify treatable traits in obstructive airway disease?
- 2. https://clinicaltrials.gov/ct2/show/NCT04191174?term=technegas&draw=2&rank=3
- 3. http://investor.cyclopharm.com/site/PDF/1561 0/BetterDefiningAirwaysDiseasewithTechnegas
- 4. https://ichgcp.net/clinical-trials-registry/NCT03728712

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- https://clinicaltrials.gov/ct2/show/NCT04549636 5.
- 6. https://pubmed.ncbi.nlm.nih.gov/38151119/
- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10206636/ 7.
- 8. https://classic.clinicaltrials.gov/ct2/show/NCT06372730



PATIENT MANAGEMENT & SCREENING **Response to Therapy** and Personalized Medicine

INTERVENTIONAL THERAPIES LVRS, ELVR, Transplant, Lung Cancer



Cyclopharm Outlook

Upcoming Milestones and Growth Catalysts

- ✓ 250–300 US installations during the second half of 2026.
- ✓ Sales Force expansion to meet demand.
- Targeting clinical initiatives to expand the use of Technegas
 Beyond PE
- New third-party opportunities to further broaden our reach

Leveraging an established global commercial footprint



CYCLOPHARM INVESTMENT CASE

Outlook: 250 - 300 Technegas USA Total Installations achieved during Second Half 2026



Profitable and Growing MedTech

Underlying business (ex-USA) is cash positive



First in Class Established Gold Standard

Proprietary product sales to 66 countries with over 5 million patient procedures to date

Clinical Agent of Choice referenced by name in multiple nuclear medicine **clinical guidelines**

Technegas **IP Expansion** Program Underway



USFDA Approval Granted

Set to quadruple the size of the existing PE business, based on significant existing demand

> Further leverage penetration into the CTPA market

Full Reimbursement Granted from 1 July 2024



Recurring Revenue

From single patient consumables

Similar to an **annuity model**

Generating **Recurring Revenues** from all USA installations



Technegas Product expansion

Indications Beyond PE leveraging AI into chronic respiratory disease management in large uses such as asthma, COPD and lung cancer could deliver exponential growth

Market Development already underway





FORMAL BUSINESS

Mr David Heaney

2025 AGM – Formal Business

Resolutions

- Financial Statements and Reports (b) Remuneration Report
- **Re-election of Ms Dianne Angus as Director**
- Approval of grant of performance rights
- Approval of grant of performance rights to the Managing Director for FY25 STI
- Approval of grant of performance rights to the Managing Director for FY25 LTI
- Approval of non-executive director remuneration
- **Approval of prior issue of Placement Shares**



1b "That the Remuneration Report as set out in the Annual Report of the Company for the financial year ended 31 December 2024 be adopted."

Resolution	For	Against	Discretionary	Exclusions	Abstain
Remuneration Report	59,178,529	283,084	54,267	3,051,770	4,182



2 "That, for the purposes of ASX Listing Rule 14.4 and for all other purposes, Ms Dianne Angus, who retires at the close of this Annual General Meeting and, being eligible, and having consented to act, be re-elected as a Director of the Company."

Resolution	For	Against	Discretionary	Exclusions	Abstain
Re-election of Ms Dianne Angus as Director	62,476,956	27,700	55,143	-	12,500

Questions?

3 "That, for the purposes of ASX Listing Rule 7.2 (exception 13(b)) and for all other purposes, approval is given for the grant of up to 4 million performance rights in the Company under the Plan within 3 years from the date of this resolution, on the terms and conditions set out in the Explanatory Statement accompanying this Notice of Meeting."

Resolution	For	Against	Discretionary	Exclusions	Abstain
Approval of grant of performance rights	59,314,524	460,862	50,143	-	2,746,770

4 "That, for the purposes of ASX Listing Rule 10.14, section 200E of the Corporation Act 2001 (Cth) and for all other purposes, approval be and is hereby given to the grant to the Managing Director (or his nominee) of performance rights over Shares having a value of up to \$252,305.60, comprising the deferred portion of his FY25 STI award, on the terms and conditions set out in the Plan and as set out in the Explanatory Statement accompanying this Notice of Meeting."

Resolution	For	Against	Discretionary	Exclusions	Abstain
Approval of grant of performance rights to the Managing Director for FY25 STI	59,465,632	461,556	49,449	-	2,595,662
Questions?					

5 "That, for the purposes of ASX Listing Rule 10.14, section 200E of the Corporation Act 2001 (Cth) and for all other purposes, approval be and is hereby given to the grant to the Managing Director (or his nominee) of performance rights over Shares having a value of up to \$240,291, comprising the FY25 LTI award, on the terms and conditions set out in the Plan and as set out in the Explanatory Statement accompanying this Notice of Meeting."

Resolution	For	Against	Discretionary	Exclusions	Abstain
Approval of grant of performance rights to the Managing Director for FY25 LTI	54,564,667	5,362,703	49,267	-	2,595,662
Questions?					

6 "That for the purposes of Listing Rule 10.17 and for all other purposes, the shareholders of the Company approve the increase of the maximum aggregate amount payable to nonexecutive directors by way of directors' fees from \$450,000 to \$600,000."

Resolution	For	Against	Discretionary	Exclusions	Abstain
Approval of Non- executive director remuneration	62,104,206	73,177	54,449	-	340,000
Questions	2				

7 "That for the purposes of Listing Rule 7.4 and for all other purposes, shareholders ratify the issue of 14,084,508 fully paid ordinary shares at an issue price of A\$1.42 (Placement Shares) issued by a way of a placement to sophisticated and professional investors and other persons to whom no disclosure was required on the terms and conditions set out in the Explanatory Statement."

Resolution	For	Against	Discretionary	Exclusions	Abstain
Approval of prior issue of Placement Shares	62,456,748	81,960	33,591	-	-

Questions?
2025 AGM – Proxy Summary

Resolution	For	Against	Discretionary	Exclusions	Abstain
1(b). Remuneration Report	59,178,529	283,084	54,267	3,051,770	4,182
2. Re-election of Director	62,476,956	27,700	55,143	-	12,500
3. Approval of grant of performance rights	59,314,524	460,862	50,143	-	2,746,770
4. Approval of grant of performance rights to the Managing Director for FY25 STI	59,465,632	461,556	49,449	-	2,595,662
5. Approval of grant of performance rights to the Managing Director for FY25 LTI	54,564,667	5,362,703	49,267	-	2,595,662
6. Non-executive director remuneration	62,104,206	73,177	54,449	-	340,000
7. Approval of prior issue of Placement Shares	62,456,748	81,960	33,591	-	-





THANKYOU

ASPIRE. INSPIRE. ILLUMINATE



Questions

ASPIRE. INSPIRE. ILLUMINATE.



Attachment Section

ASPIRE. INSPIRE. ILLUMINATE.



Technegas Supplemental Information

Technegas Aerosol for Inhalation

Functional Imaging showing where Oxygen is distributed within the lung



Technegas is manufactured by heating Technetium-99m in a carbon crucible within an argon environment for a few seconds at 2,750 degrees Celsius.³

Technegas is composed of 99mTc cores

Image source: Blanc-Béguin et al. 2020 Its very small particle size (>80 less than 1 micron or 1,000 nm⁴) allows distribution into the lungs like a gas and deposited in alveoli by diffusion, providing for Planar, SPECT and SPECT/CT ventilation imaging.



How big is a nanometre?

- 100,000 nm = Sheet of paper thickness
- 75.000 nm = Human hair thickness
- 7,000 nm = Red Blood Cell diameter
- 2.5 nm = DNA strand diameter

- 1. Wiebe LI, et al. Current Radiopharmaceuticals 2010; 3(1): 49-59
- Blanc-Béguin F, et al. Mol Imaging Biol 2020;
- Lemb M, et al. Eur J Nucl Med 1993; 20(576-579)

Pharmaceutics 2023, 15(4), 1108; https://doi.org/10.3390/pharmaceutics15041108

WHAT THE GUIDELINES SAY

Technegas is the nuclear medicine agent of choice in established markets



Endorsed by the guidelines from the <u>European¹⁻²</u> and the <u>Canadian³</u> Associations of Nuclear Medicine (EANM & CANM)

" Using 99m-Tc-Technegas® is according to clinical experience better than the best aerosols "

- "Technegas® facilitates interpretation, particularly in COPD"
- "For ventilation, 99m-Tc Technegas® is the best-aerosol particularly in patients with COPD "
- " Liquid aerosols are inferior for SPECT and should not be used unless Technegas® is not available "
- " The best widely available agent for ventilation is 99m-Tc-Technegas"

" Because of the very small particle size, this agent is distributed in the lungs almost like a gas and deposited in alveoli by diffusion, where they remain stable, thus **providing the best possible images for ventilation** SPECT "

" Another advantage is that only a few breaths are sufficient to achieve an adequate amount of activity in the lungs, reducing time and personnel exposure to radiation "

"Technegas[®] is considered the **agent of choice** in the COPD population as there is less central airway deposition, better peripheral penetration, and it does not wash out as quickly as traditional aerosols "



^{2.} Bajc M, et al. Eur J Nucl Med Mol Imaging 2009; 36(8): 1356-70; https://eanm.org/publications/guidelines/gl_pulm_embolism_part1.pdf

 <sup>43
3.</sup> Leblanc M, et al. CANM 2018; https://canm-acmn.ca/resources/Documents/Guidelines_Resources/MasterDocument_Final_Nov_21_incl-Exec-Sum_ver3_Dec.%2012_.pdf 2.a

Recent USA Nuclear Medicine Technegas Publications

Recent Research and Articles Driven by Clinicians and End Users:

Technegas - *Technegas at Last!* Implementing Technegas into Clinical Practice in the United States: Considerations, Challenges, and Recommendations

Delynn Silvestros and Tina M. Buehner; Journal of Nuclear Medicine Technology March 2025, 53 (1) 7-10; DOI: https://doi.org/10.2967/jnmt.124.269231

Comparability of Quantifying Relative Lung Ventilation with Inhaled 99mTc-Technegas and 133Xe in Patients Undergoing Evaluation for Lung Transplantation

Ashwin Singh Parihar, Joyce C. Mhlanga, Henry D. Royal and Barry A. Siegel

Journal of Nuclear Medicine December 2024, jnumed.124.268801; DOI: https://doi.org/10.2967/jnumed.124.268801

Ventilation Lung Imaging: Technegas

Mary Beth Farrell, Kathy S. Thomas, Eleanor S. Mantel and Jessica Settle; Journal of Nuclear Medicine Technology February 2025, jnmt.125.269536; DOI: https://doi.org/10.2967/jnmt.125.269536



Diagnosing Pulmonary Embolism: V/Q SPECT +/- CT vs CTPA



Peer Reviewed clinical studies have shown that V/Q SPECT/CT is **superior** compared to CTPA across most clinical measures with better overall diagnostic performance¹.



Nuclear Medicine VQ radiation dose, even combined with low dose noncontrast CT, is **exponentially lower** than CTPA

Nuclear Ventilation Imaging Agent Comparison









Indication Expansion

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The importance, urgency and opportunity 'Beyond PE" underway



Lung Disease in 2019 accounted for 6 million deaths worldwide (12% of all deaths)

COPD and Lower Respiratory Infections and Lung Cancer will be the **3rd**, **4th and 6th largest causes of death** by 2030.

"Over and underdiagnosis of Lung Disease has a **huge** economic impact. COPD misdiagnosis revealed that the under or over diagnosis and prevalence of this disease was 56.7–81.4% and 29.0–65.0%, respectively leading to **55.4% squandering of treatment costs**²"

Misdiagnosis can be **fatal**

Exponential Growth Potential for Technegas

1. World Health Organisation - The top 10 causes of death 2019 (who.int)

2. Munir, M., Setiawan, H., Awaludin, R. *et al.* Aerosolised micro and nanoparticle: formulation and delivery method for lung imaging. *Clin Transl Imaging* (2022). https://doi.org/10.1007/s40336-022-00527-3

Technegas has A **High Standard** of Clinical Evidence to **Drive Adoption** in Traditional & Beyond PE Applications



