

Awakn™  
Life Sciences Corp

---

# Corporate Presentation

February 2025

CSE:AWKN | OTCPink:AWKNF

# Disclaimer

## GENERAL DISCLAIMER

This presentation of Awakn Life Sciences Corp. (the “Company”) is for information only and shall not constitute an offer to buy, sell, issue or subscribe for, or the solicitation of an offer to buy, sell or issue, or subscribe for any securities in any jurisdiction in which such offer, solicitation or sale would be unlawful. The information contained herein is subject to change without notice and is based on publicly-available information, internally developed data, third party information and other sources. The third party information has not been independently verified. While the Company may not have verified the third party information, nevertheless, it believes that it obtained the information from reliable sources and has no reason to believe it is not accurate in all material respects. Where any opinion or belief is expressed in this presentation, it is based on the assumptions and limitations mentioned herein and is an expression of present opinion or belief only. No warranties or representations can be made as to the origin, validity, accuracy, completeness, currency or reliability of the information. The Company disclaims and excludes all liability (to the extent permitted by law), for losses, claims, damages, demands, costs and expenses of whatever nature arising in any way out of or in connection with the information in this presentation, its accuracy, completeness or by reason of reliance by any person on any of it. The information contained in this presentation does not purport to contain all the information that may be necessary or desirable to fully and accurately evaluate an investment in securities of the Company and is not to be considered as a recommendation by the Company that any person make an investment in the Company. The information in this presentation is not intended to be relied upon as advice to investors or potential investors and does not take into account the investment objectives, financial situation or needs of any particular investor. This presentation should not be construed as legal, financial or tax advice to any individual, as each individual’s circumstances are different. Readers should consult with their own professional advisors regarding their particular circumstances.

Neither this presentation nor any copy of it may be taken or transmitted into or distributed in any other jurisdiction which prohibits the same except in compliance with applicable securities laws. Any failure to comply with this restriction may constitute a violation of applicable securities law. Recipients are required to inform themselves of, and comply with, all such restrictions or prohibitions and the Company does not accept liability to any person in relation thereto.

## CAUTIONARY NOTE REGARDING FUTURE-ORIENTED FINANCIAL INFORMATION

To the extent any forward-looking statement in this presentation constitutes “future-oriented financial information” or “financial outlooks” within the meaning of applicable Canadian securities laws, such information is being provided to demonstrate the anticipated market penetration and the reader is cautioned that this information may not be appropriate for any other purpose and the reader should not place undue reliance on such future-oriented financial information and financial outlooks. Future-oriented financial information and financial outlooks, as with forward-looking statements generally, are, without limitation, based on the assumptions and subject to the risks set out below under the heading “Cautionary Note Regarding Forward Looking Information”. The Company’s actual financial position and results of operations may differ materially from management’s current expectations and, as a result, the Company’s revenue and expenses.

## CAUTIONARY NOTE REGARDING FORWARD-LOOKING INFORMATION

This presentation of the Company contains “forward-looking information”, which may include, but is not limited to, statements with respect to anticipated business plans or strategies of the Company, the listing of Company’s common shares on the NEO Exchange, the anticipated completion of clinical studies, the timing of any drug trials, the success of its pre-clinical and clinical trials, the ability to enter into acquisitions or collaborations to enhance its drug development platform, the success of any such acquisitions or collaborations and the ability to use the information relating to, or obtain patents or other intellectual property protection on, data and clinical trials generated directly by the Company or through such acquisitions or collaborations, the success or stage of development of discoveries or medicines, the progression of COVID-19 and its impacts on the Company’s ability to operate its assets, including the possible shutdown of facilities due to COVID-19 outbreaks, the Company’s ability to execute on the expansion of its digital platforms, risks associated with reliance on key personnel and risks associated with obtaining appropriate licensing. Often, but not always, forward-looking statements can be identified by the use of words such as “plans”, “expects”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “in ends”, “intends”, “anticipates”, or “believes” or variations (including negative variations) of such words and phrases, or state that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved. Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such risks and uncertainties include, among others, dependence on obtaining and maintaining regulatory approvals, including acquiring and renewing federal, provincial, municipal, local or other licenses and any inability to obtain all necessary governmental approvals licenses and permits to operate and expand the Company’s facilities; engaging in activities which currently are illegal under Canadian or UK laws and the uncertainty of existing protection from UK, Canadian federal or other prosecution; regulatory or political change such as changes in applicable laws and regulations, including federal and provincial legalization, due to inconsistent public opinion, perception of the use of psychedelic therapies, bureaucratic delays or inefficiencies or any other reasons; any other factors or developments which may hinder market growth; the Company’s limited operating history and lack of historical profits; reliance on management; the Company’s requirements for additional financing, and the effect of capital market conditions and other factors on capital availability; competition, including from more established or better financed competitors; and the need to secure and maintain corporate alliances and partnerships, including with customers and suppliers. The foregoing factors are not intended to be exhaustive. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results to differ from those anticipated, estimate or intended.

Forward-looking statements contained herein are made as of the date of this presentation and the Company disclaims, other than as required by law, any obligation to update any forward-looking statements whether as a result of new information, results, future events, circumstances, or if management’s estimates or opinions should change, or otherwise. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, the reader is cautioned not to place undue reliance on forward-looking statements.

# Awakn is a Clinical Stage Biotechnology Company Developing Therapeutics for Substance Use and Mental Health Disorders, with a Near-Term Focus on Alcohol Use Disorder

## Significant Addressable Market for AUD

40m with AUD in UK, US, and EU4

90% untreated

75% of treated relapse within 12 months

## Efficacy Proven for Severe AUD (SAUD) in Ph2

Lead program, AWKN-001, achieved:

- 86% abstinence over six month period vs 2% pre-trial
- 50% reduction in heavy drinking days vs placebo

## De-risked Pipeline with Expansion Potential

Lead program, AWKN-001, for Severe AUD in UK market

Secondary program, AWKN-002, for AUD in US market

Pipeline expansion potential in other addictions and mental health disorders

## Intellectual Property

Esketamine oral thin film (OTF) formulation and method of use patents filed

175 new chemical entity (NCE) series developed with some patents filed

Ketamine-assisted therapy manual for addiction copywritten

MDMA for AUD patent filed

## Low Cost and Low Risk R&D Strategy

AWKN-001 n=280 Ph3 trial to cost Awakn only US\$1m, balance funded by UK Gov.

AWKN-002 to focus on low cost, low risk, rapid speed to market 505(b)(2) pathway

(For references see slide 21)



# Management



**Anthony Tennyson**  
CEO



**Jonathan Held**  
CFO



**Prof. David Nutt**  
CHIEF RESEARCH OFFICER



**Owain Winfield**  
HEAD OF PSYCHOLOGICAL SERVICES



# Board



**George Scorsis**  
CO-FOUNDER & CHAIRMAN CORPORATE BOARD



**Anthony Tennyson**  
CO-FOUNDER & CHIEF EXECUTIVE OFFICER



**Paul Carter**  
INDEPENDENT NON-EXECUTIVE DIRECTOR CORPORATE BOARD



**Prof. John Papastergiou**  
INDEPENDENT NON-EXECUTIVE DIRECTOR CORPORATE BOARD



**Stephen Page**  
INDEPENDENT NON-EXECUTIVE DIRECTOR CORPORATE BOARD



# Alcohol Use Disorders Prevalence in the UK, US, EU4

## 1 - UK

**1 million**

people in the UK  
suffer with AUD

**27,000**

deaths per annum

## 2 - US

**29 million**

people in US suffer  
with AUD

**140,000**

deaths per annum

## 3 - EU4

**9 million**

people in EU4 suffer  
with AUD

**150,000**

deaths per annum

**90%**

are untreated in the UK, US, EU4

**75%**

relapse rate for those who are treated with current standard of care

(For references see slide 22)

# Other Substance Use and Certain Mental Health Disorder Prevalence in the US

## OPIOID USE DISORDER

Estimated to affect  
**2 million**  
people in the US

## DEPRESSION

Estimated to affect  
**21 million**  
people in the US

## GENERALISED ANXIETY DISORDER

Estimated to affect  
**6.8 million**  
people in the US

## POST TRAUMATIC STRESS DISORDER

Estimated to affect  
**13 million**  
people in the US

(For references see slide 22)

# AUD Treatment Market

## 1 - UK

**55**

National Health Care Trusts  
treating AUD in UK

Treating

**100,000**

patients for AUD in 2020

**US\$4bn**

direct medical costs a year

## 2 - US

**14,500**

Clinics treating  
AUD in UK

Treating

**500,000**

patients for AUD in 2020

Between

**US\$27bn & US\$38bn**

direct medical costs a year  
to public (65%) and private (35%) payers

## 3 - EU4

**550,000**

patients treated for AUD in 2020

**US\$22bn**

direct medical costs a year

# Awakn's Therapeutics Mechanism of Action

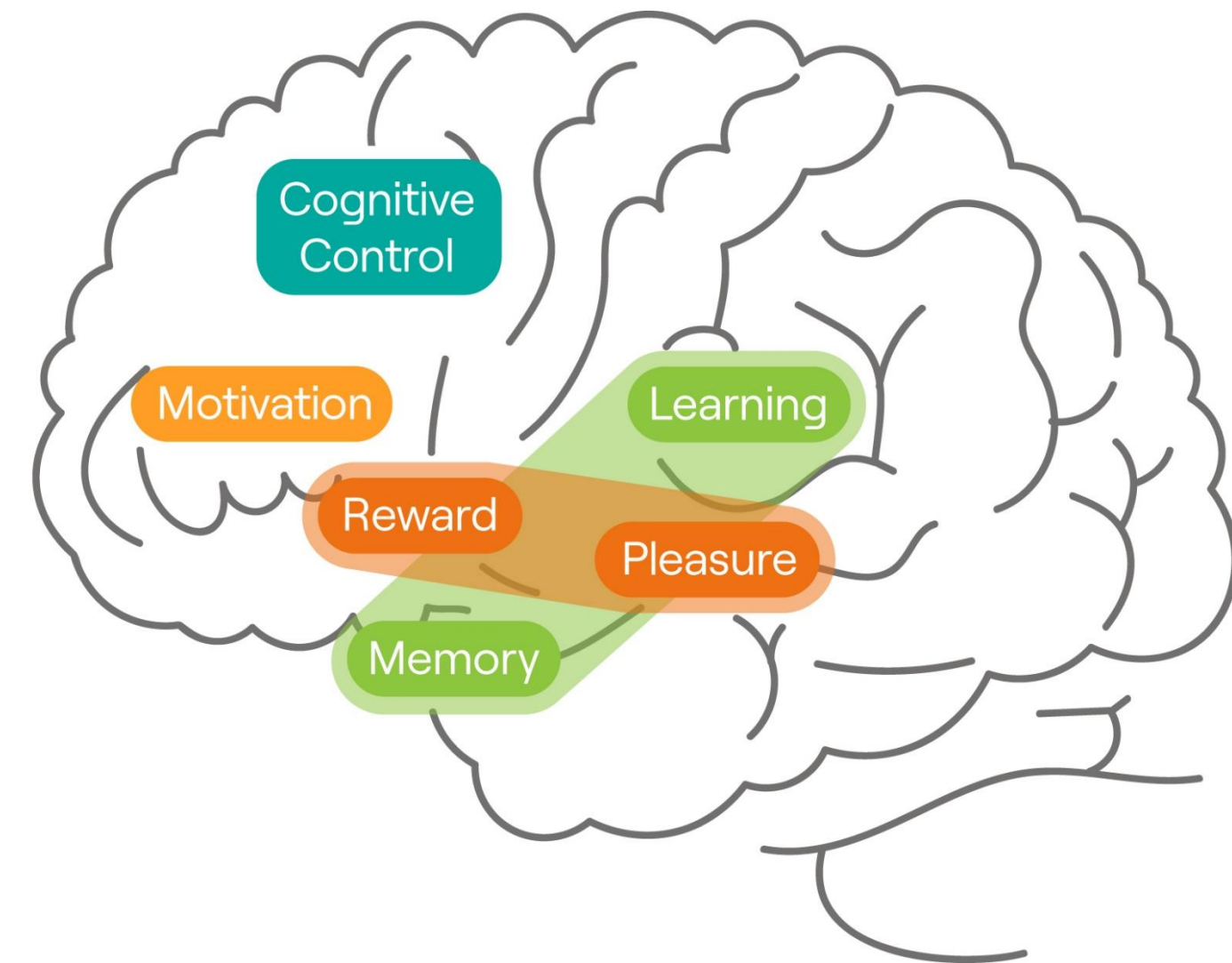
## What are we doing differently?

Awakn's therapeutics target the brain circuits that drive addiction. These circuits control the behavioural drivers of addiction.

This disruption allows the individual to escape from the repetitive addictive behaviours and thoughts, and in doing so engage with a psychotherapeutic process to enable lasting positive change.

Our therapies work in conjunction with our medicines enabling the patients to regain control over their lives and helping them to learn new more adaptive ways to respond to addictive urges, cravings and the underlying processes that drive them.

Our therapies are manualized and our protocols are condensed, ensuring efficient use of healthcare resources, including people, time, and real estate.



Brain Circuits

- |  |   |
|--|---|
|  REWARD PREDICTION AND PLEASURE<br>(NUCLEUS ACCUMBENS & VENTRAL PALLIDUM) |  MOTIVATION DRIVE AND SALIENCE ATTRIBUTION<br>(ORBITOFRONTAL CORTEX) |
|  COGNITIVE CONTROL<br>(PREFRONTAL CORTEX)                                 |  LEARNING AND MEMORY<br>(HIPPOCAMPUS & AMYGDALA)                     |

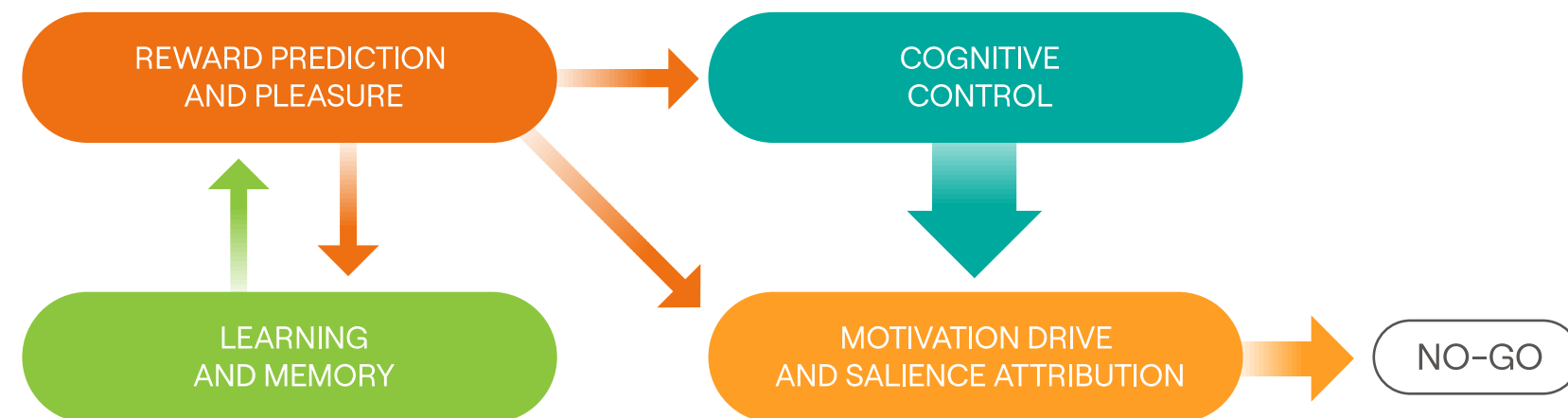
(For references see slide 21)



# Awakn's Therapeutics Mechanism of Action

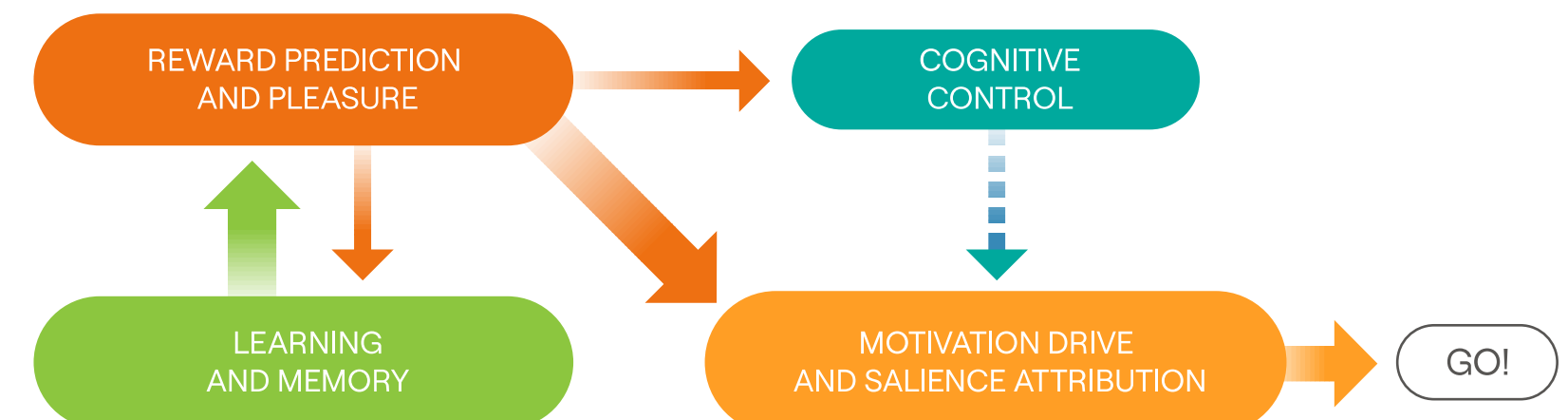
## Balanced brain state – no addiction

Cognitive control controls the final decision making.



## Addicted brain

Excessive drives from memory and reward/pleasure circuits depress cognitive control and enhance the drive and salience functioning so the cognitive control no longer controls the behaviour.



# Awakn's AUD Therapeutics Mechanism of Action

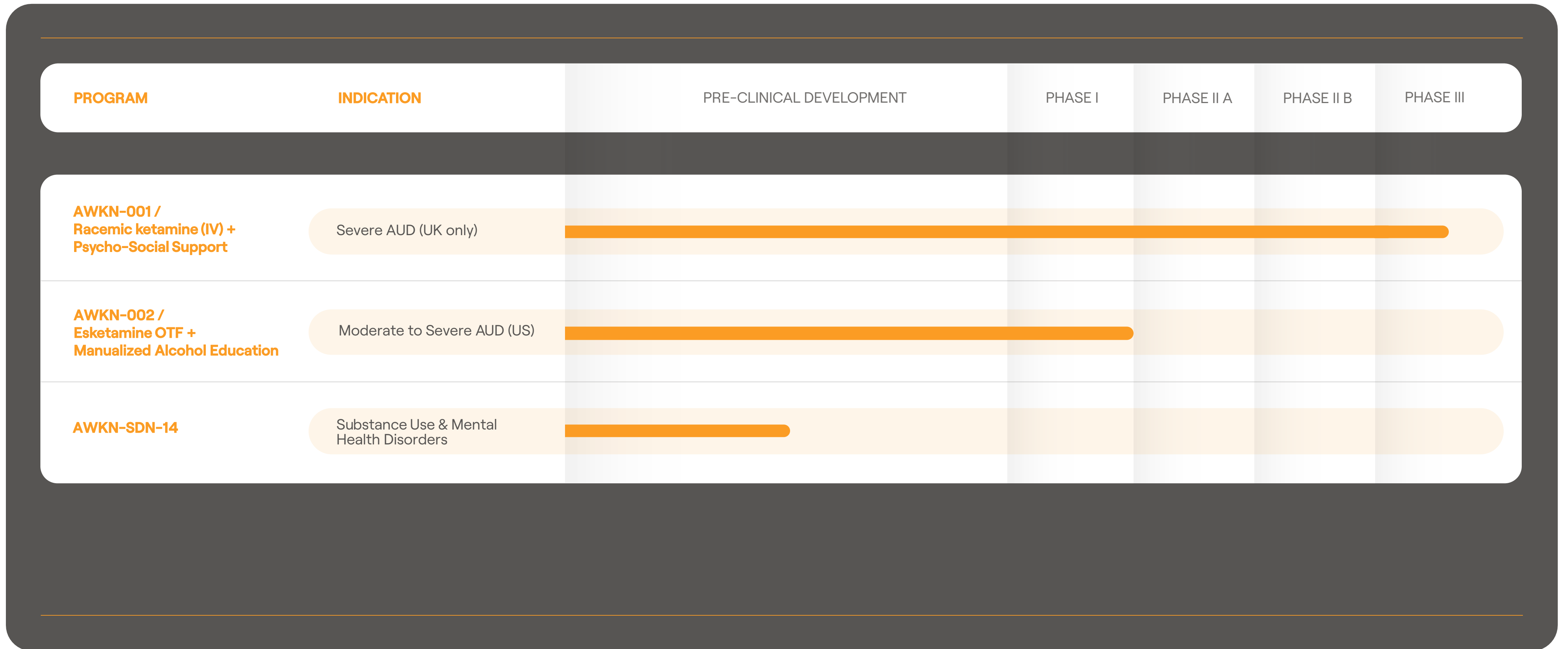
## Racemic & Esketamine (AWKN-001 & AWKN-002)

- Glutamate receptor antagonism
- Disruption of brain circuits
- Rupture of addiction networks
- Resetting addiction memories
- Increased neuroplasticity

## AWKN-SDN-14

- Similar ratio of 5-HT and dopamine release to MDMA
- Improved kinetics of MDMA – particularly faster clearance
- Novel IP with freedom to operate

# Pipeline





# Key Programs

# AWKN-001

## Overview:

AWKN-001 is a first-of-its-kind combination therapy combining IV ketamine (an NMDA receptor antagonist) with copyrighted manualised relapse prevention cognitive behavioral therapy (CBT) targeting both the biological and psychosocial aspects of AUD.

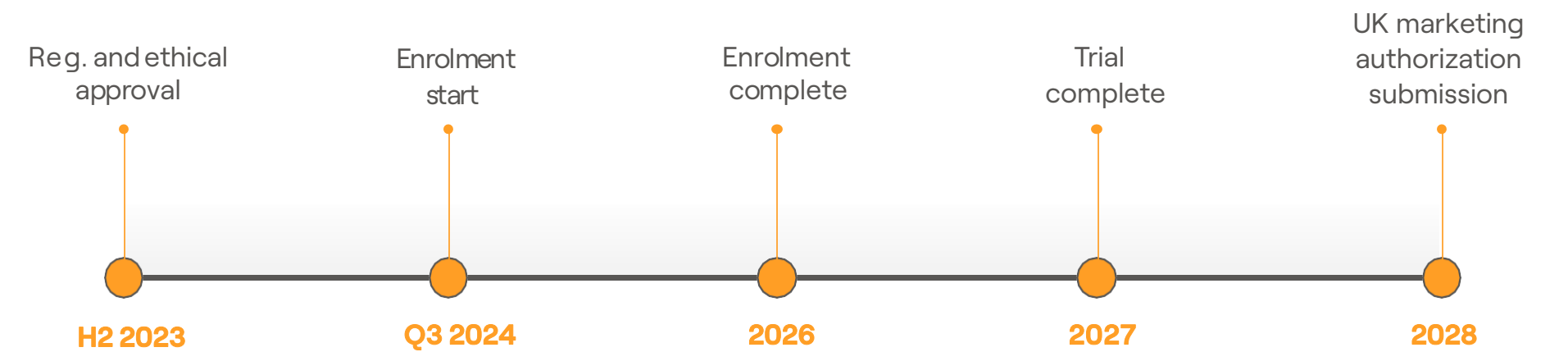
## Strong Clinical Evidence:

- Phase 2 results demonstrated a 50% reduction in Heavy Drinking Days (HDD) vs to placebo
- Long-Term Impact: 86% abstinence on average sustained for 6 months post-treatment, compared to just 2% pre-trial

## Clinical Development & Regulatory Pathway:

- Phase 3 trial ongoing with strong Phase 2 data backing its potential
- Targeting a Regulation 52b hybrid application in the UK for approval as a new indication – provide 8 years data exclusivity and 2 additional years market protection

## AWKN-001 – FORECAST TIMELINE





# AWKN-001 - Ph2

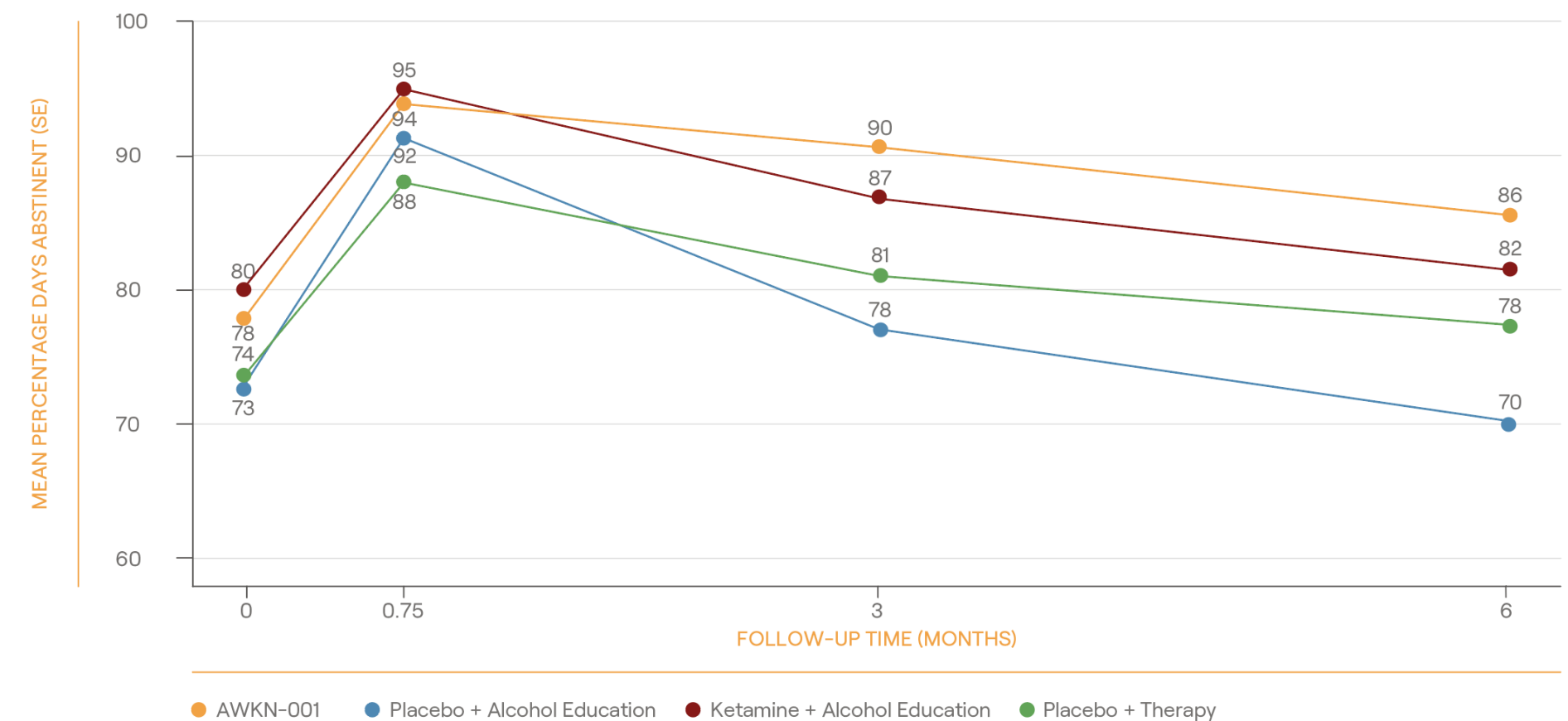
## Results, AWKN-001:

- 86% abstinence on average in the 6 months post treatment vs 70% in Arm 4 (Placebo + Alcohol Education), and 2% abstinence pre-trial.
- 2.7 times more likely than Arm 4 to have no HDD in the 6 months post treatment
- 50% reduction in HDD in the 6 months post treatment vs Arm 4

## Ph2 - Trial design:

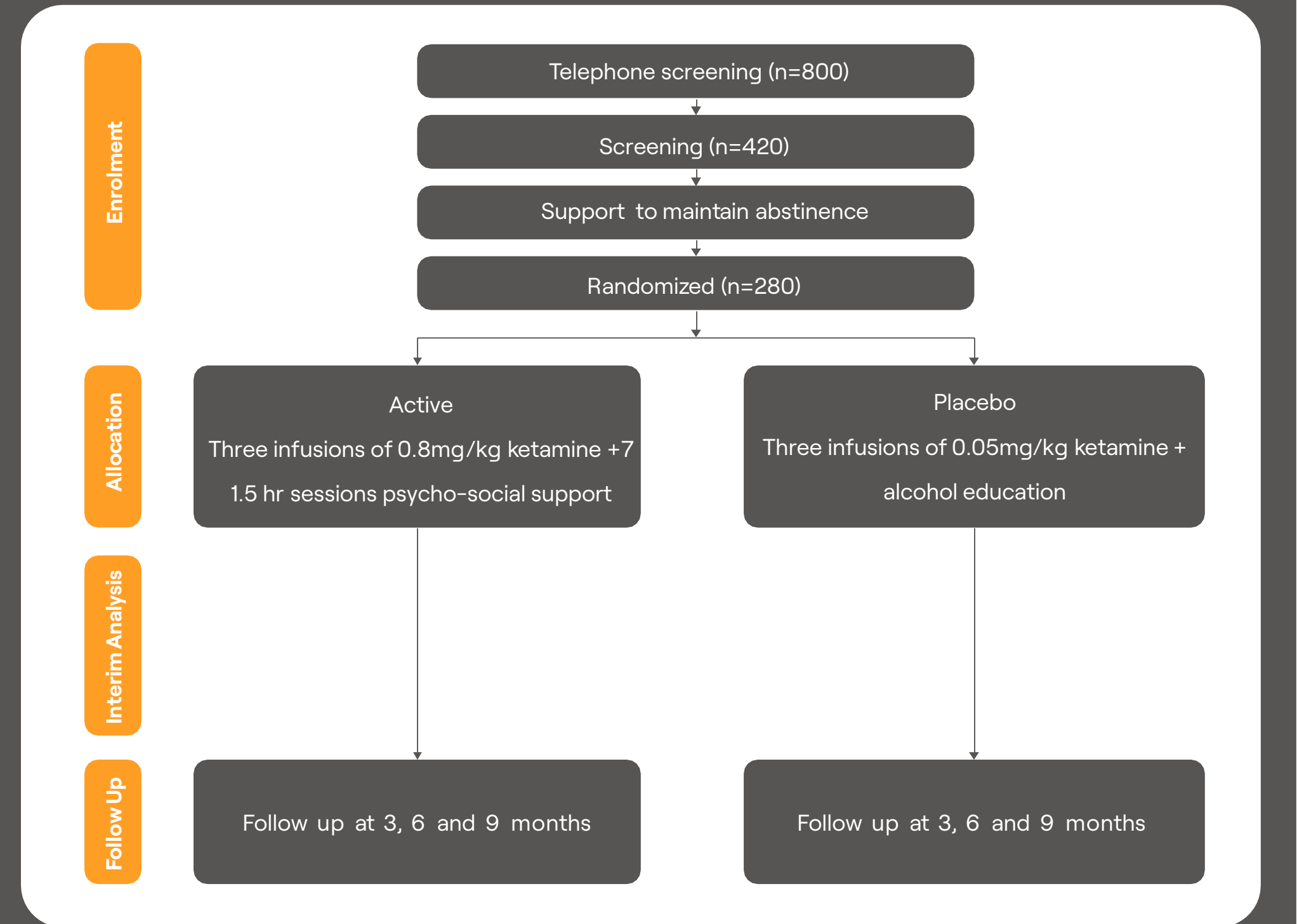
- Four-armed, double-blind placebo clinical trial, N=96:
  - Arm 1 (AWKN-001): Ketamine + manualized relapse prevention CBT. N=24
  - Arm 2: Ketamine + Alcohol Education. N=24
  - Arm 3: Placebo + + manualized relapse prevention CBT. N=24
  - Arm 4: Placebo + Alcohol Education. N=24
- Primary endpoint: Days Abstinent
- Co-Primary endpoint: Relapse
- Exploratory analysis: Number of Heavy Drinking Days (HDD)

AWKN-001 - PHASE II RESULTS - PRIMARY END POINT/DAYS ABSTINENT



# AWKN-001 – Ph3

- n=280 two-armed placebo-controlled trial
- Trial co-funded by UK Dept of Health and Social Care
- Cost to Awakn of Phase 3 capped at only £800,000
- Nine NHS Trust Sites
- Trial started Q3 2024
- MHRA innovative passport (ILAP) awarded



# AWKN-002

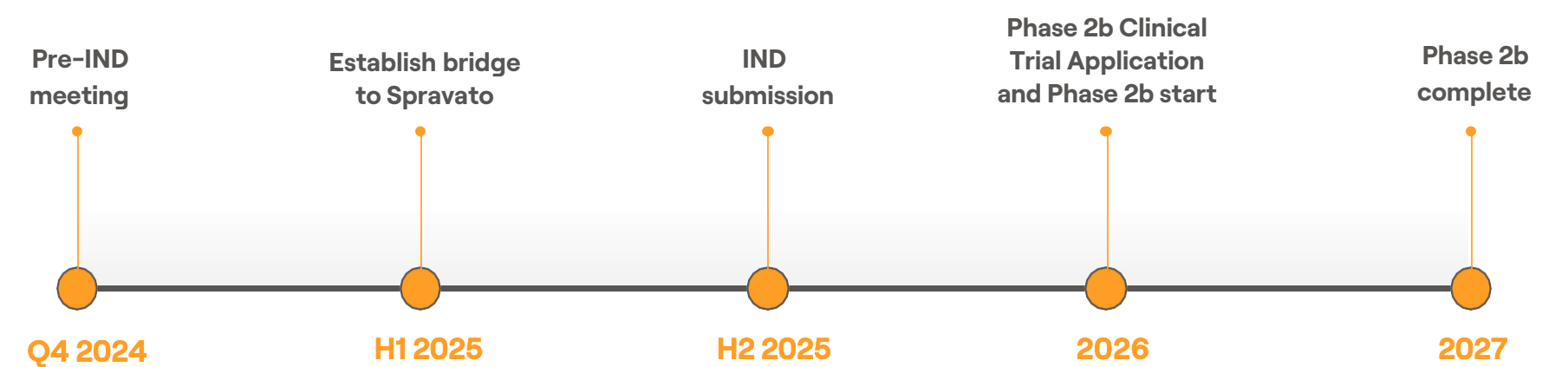
## Overview:

AWKN-002 is a novel combination therapy consisting of a patent pending proprietary esketamine oral thin film (OTF) with manualised psycho-social support to treat moderate to severe AUD in the US.

## Clinical Development & Regulatory Pathway:

- In Phase 2b planning
- Positive Pre-Investigational New Drug Application (IND) meeting with FDA
- Agency supportive of 505(b)(2) pathway referencing to J&J's Spravato
- Agency supportive of Phase 2b once bridge established to Spravato
- Spravato forecast to achieve US\$1bn in annual sales in 2024

## AWKN-002 AUD – TIMELINE



# AWKN-SDN-14

## Overview:

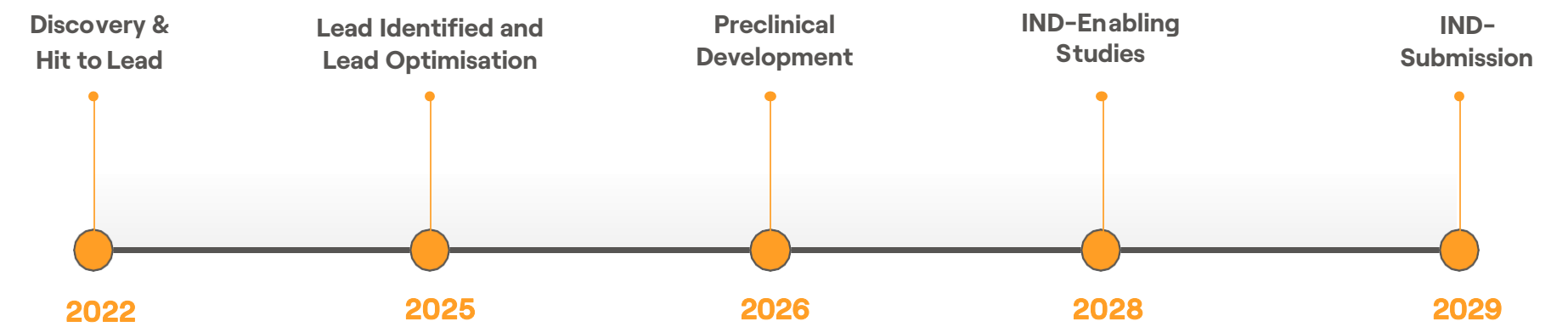
AWKN-SDN-14 are a series of serotonin, dopamine, and noradrenaline modulators under pre-clinical investigation by Awakn.

Being assessed for potential to promote pro-social behavior and offer an improved safety profile compared to existing treatments being developed for PTSD.

Pro-social behavior is increasingly recognised as a key factor in addressing PTSD.

Enhancing these behaviors may help individuals with PTSD overcome feelings of isolation, rebuild interpersonal relationships, and engage more effectively in therapeutic interventions.

## AWKN-002 AUD – TIMELINE



# Near-term Catalysts

## 2025

- Acquisition of Awakn completed
- AWKN-001 Phase 3 recruitment increases
- AWKN-002 Phase 2b IND submission
- AWKN-SND-14 Lead identified, and lead optimisation initiated

## 2026

- AWKN-001 recruitment completed
- AWKN-002 Phase 2b clinical trial application and Phase 2b start
- AWKN-SND-14 pre-clinical development initiated



# Cap Table

## Capital Structure

Common Shares	41,662,623
Warrants	15,073,178
Stock Options	1,784,828
DSU's and RSU's	1,525,172
<b>Full Diluted</b>	<b>60,045,801</b>
Management Ownership	16.48%
Locked Up Shares	24.75%

# Awakn Analyst Coverage

## Awakn Contact

**Anthony Tennyson**, Co-Founder & CEO

[anthony.tennyson@awaknlifesciences.com](mailto:anthony.tennyson@awaknlifesciences.com)

**Jonathan Held**, Co-Founder & Chief Business Officer

[jonathanh@awaknlifesciences.com](mailto:jonathanh@awaknlifesciences.com)

## Awakn Coverage

**Andrew Partheniou**, Stifel Jason

[apartheniou@stifel.com](mailto:apartheniou@stifel.com)

**Jason Mc Carthy**, Maxim Group

[jmccarthy@maximgrp.com](mailto:jmccarthy@maximgrp.com)

# References

In relation to references on slides 4,6 & 7

STATISTIC	SCOPE	SOURCE
Number of people with AUD	US	US Substance Abuse and Mental Health Services (SAMHSA), 2022 National Survey on Drug Use and Health
Number of people with AUD	UK	UK The National Institute for Health and Care Excellence (NICE) – Alcohol-use disorders diagnosis, assessment and management of harmful drinking (high-risk drinking) and alcohol dependence
Number of people with AUD	GER	Jahrbuch Sucht 2020 der Deutschen Hauptstelle für Suchtfragen
Number of people with AUD	FRA	Insem. Reducing the harm associated with alcohol consumption. Summary and recommendations. Collection Expertise collective. Montrouge: EDP Sciences, 2022.
Number of people with AUD	ITA	Istituto Superiore di Sanità EpiCentro
Number of people with AUD	ESP	Monografía. Alcohol 2021: Consumo y Consecuencias
Number of people with OUD	US	Opioid Use Disorder, Alexander M. Dydyk; Nitesh K. Jain; Mohit Gupta.
Number of people with Depression	US	US National Institute of Mental Health, Depression. <a href="https://www.nimh.nih.gov/health/statistics/major-depression">https://www.nimh.nih.gov/health/statistics/major-depression</a>
Number of people with GAD	US	Anxiety & Depression Association of America, Anxiety Disorders-Facts & Statistics. <a href="https://adaa.org/understanding-anxiety/facts-statistics">https://adaa.org/understanding-anxiety/facts-statistics</a>
Number of people with PTSD	US	VA National Center for PTSD. US Department of Veterans Affairs
AUD relapse rates		Mekonen, T., Chan, G. C. K., Connor, J., Hall, W., Hides, L. and Leung, J. (2021) 'Treatment rates for alcohol use disorders: a systematic review and meta-analysis'
AUD treatment rates	US, UK, EU	NCBI. <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4534056/">www.ncbi.nlm.nih.gov/pmc/articles/PMC4534056/</a>
Annual AUD deaths	US, UK, EU	OECD. <a href="http://www.oecd-ilibrary.org/sites/82129230-en/1/3/2/2/4/index.html?itemId=%2Fcontent%2Fpublication%2F82129230-en&amp;csp_=e7f5d56a7f4dd03271a59acda6e2be1b&amp;itemIGO=oecd&amp;itemContentType=book">www.oecd-ilibrary.org/sites/82129230-en/1/3/2/2/4/index.html?itemId=%2Fcontent%2Fpublication%2F82129230-en&amp;csp_=e7f5d56a7f4dd03271a59acda6e2be1b&amp;itemIGO=oecd&amp;itemContentType=book</a>

# References

In relation to references on slides 5,6 & 7

STATISTIC	SCOPE	SOURCE
AUD economic burden	US	Sacks JJ, Gonzales KR, Bouchery EE, Tomedi LE, Brewer RD. 2010 National and State Costs of Excessive Alcohol Consumption.
AUD economic burden	UK	Lister, G. et al (2006), Comparing the Societal Impacts of Common Health Risks. National Social Marketing Centre.
AUD economic burden	GER	DHS Jahrbuch Sucht 2020 der Deutschen Hauptstelle für Suchtfragen (DHS)
AUD economic burden	FRA	Le Cout Social des Drogues: Estimation en France. Le Cout Social des Drogues: Estimation en France
AUD economic burden	ITA	OECD: Preventing Harmful Alcohol Use: Italy
AUD economic burden	ESP	Alcohol consumption in Spain and its economic cost: A mathematical modeling approach. Francisco-José Santonja, Emilio Sánchez, María Rubio, José-Luis Morera

The image features the word "Awakn" in a white, sans-serif font, centered on a dark gray background. A small "TM" trademark symbol is positioned to the upper right of the letter "n". The background is decorated with numerous thin, light-colored lines that flow and curve across the frame, creating a sense of motion and depth. The lines are most concentrated around the text and extend towards the right side of the image.

Awakn<sup>TM</sup>