



QUALIA TECH

Nervous System Intelligence

神经系统智能

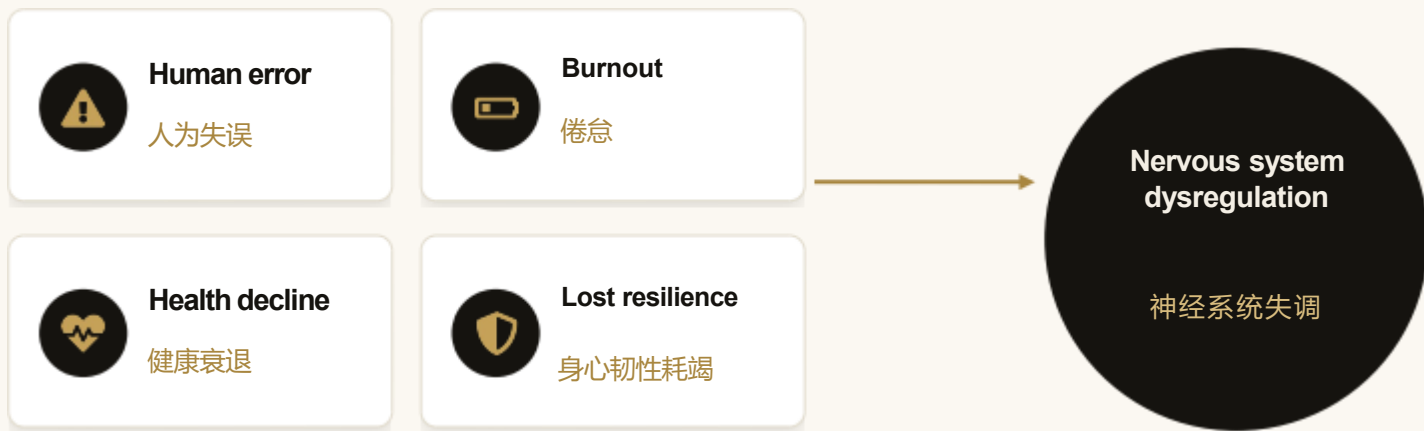


A new category of intelligence: the measurement and prediction layer of the human nervous system.

共创 · Australia × China

Four problems. One factor.

四大困境，根源唯一。



Measurable today — yet nothing turns it into early, continuous guidance you can act on.
现有技术虽可完成量化监测，但缺少能提供早期、可持续、可落地干预的指导方案。

Twenty-five years of rigour — now a category.

二十五年的严谨，化为一个全新类别。

Belinda Baynes

BN, BSc, PGDip (Mental Health Nursing)

- 25-year nursing & clinical career
- PGDip awarded with Distinction & Commendation
- Inventor of AEInnerVerse & its patent-pending method

Qualia Tech

Defining the NSI category · 定义 NSI 类别

- Working MVP — runs on real health data
- Patent filed — provisional + PCT
- Founder-owned (95%+) · CEO-led
- In active discussion: RMIT · ACAMI

Selected for the China Innovation Tour 2026. 入选 2026 年中国创新之旅。

The cost of missing it.

错失它的代价。



Workforce

职场

Error & lost productivity under load



Healthcare

医疗

Late, expensive intervention



Healthy ageing

健康老龄化

Decline becomes dependence



Population

群体

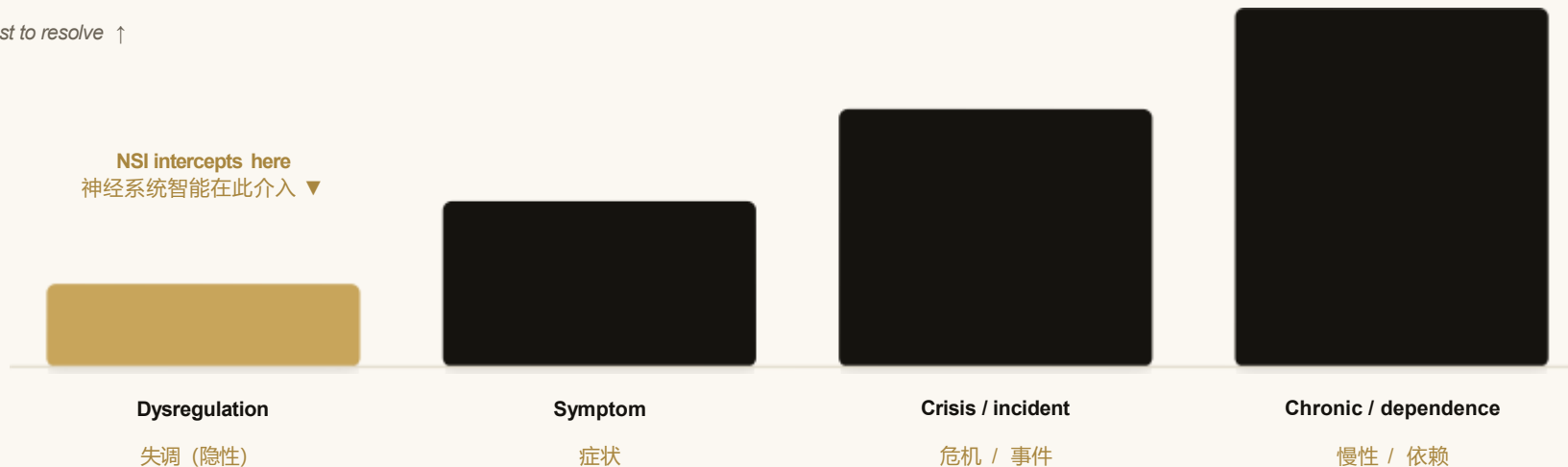
Lost resilience, at scale

Prevention moves the cost upstream. 前置预防干预，大幅降低后期高额支出。

The cost rises the longer you wait.

越晚介入，成本越高。

Cost to resolve ↑



Scaling up mental-health care returns approximately fourfold ($\approx 4:1$) in health and productivity — and the earlier you act, the lower the cost. NSI is built to intervene at the earliest, cheapest point.

加大心理健康服务投入可实现约 4 倍综合回报（健康收益 + 生产效能）；干预时点越早，整体成本越低。NSI 技术旨在最早、成本最低的阶段开展前置干预。

ROI $\approx 4:1$: WHO / World Bank, Lancet Psychiatry 2016 (scaling-up depression & anxiety treatment, 36 countries). Cost bars illustrative. 投资回报约 4:1：世卫 / 世界银行，《柳叶刀·精神病学》2016。成本柱为示意。

A NEW CATEGORY

全新类别

Nervous System Intelligence

神经系统智能



Measure the nervous system. Act before decline.

Measurement and prediction, before decline — not treatment after it. 聚焦衰退前的监测预判，而非发病后的被动诊疗

WHY NOW

为何此刻

Why now — and why not wait.

为何此刻，为何不再等待。



Science 科学

Measurable, multimodal bio-signatures



AI 人工智能

Real-time fusion of those signals



Policy 政策

Now prioritises prevention — Healthy
China 2030

*Science, AI and policy have converged — and Australia × China can build it now.
科学、人工智能、国家政策三大条件已全部成熟，中澳双方可携手落地共建该赛道。*

We stand on established science.

我们立足于已确立的科学。



Autonomic nervous-system regulation

自主神经系统稳态调节



Validated markers across autonomic, neuroendocrine, neural & behavioural signals

自主神经、神经内分泌、神经与行为信号的已验证标志物



Chronic dysregulation linked to health, performance & resilience

长期神经功能紊乱与身体健康、工作表现、身心韧性直接相关



Breathwork & acceptance-based regulation as evidence-based practice

呼吸训练与接纳导向调节为循证实践

Decades of peer-reviewed work — 25 studies in our Evidence Dossier. 依托数十年同行评议权威科研成果，项目证据库已收录 25 项专项研究。

We measure signals. We infer state.

我们测量信号，推断状态。

Signals measured · 实测



Cardiac 心脏信号



Neural 神经信号



Neurochemical 神经化学信号



Physiological & behavioural 生理体征、行为特征



State inferred · 推断

Autonomic balance · 自主神经稳态

Arousal · 神经唤醒度

Recovery · 机体恢复水平

Against the individual's own baseline. We do not diagnose.

以用户个人专属生理基线作为评判标准，本产品不具备疾病诊断功能。

From signal to published evidence.

从信号到已发表的证据。



Pre-specified, partner-run, published regardless of outcome — evidence the field can trust.

研究方案预先标准化，由合作方独立开展；无论实验结果正向 / 负向均完整公开，产出行业公认可信科研数据。

Established today. A new layer tomorrow.

今天已确立，未来新一代传感。

WHAT EXISTS TODAY 现在已有

- Established sensors
- Existing health-data streams
- A working MVP today

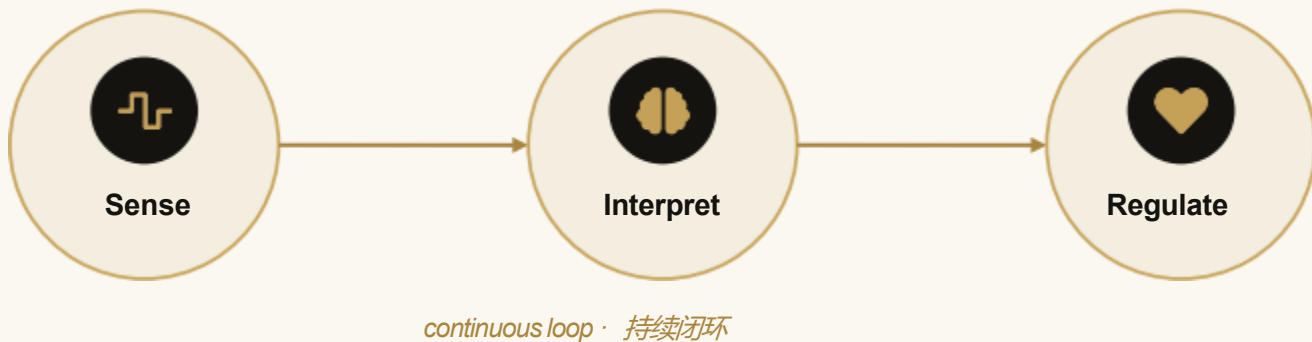


WHAT WE'RE BUILDING NEXT 未来在建

- A next-generation sensing layer
- Reaches what today's sensors can't
- Cleaner and earlier — today's blind spot

Patent-pending method. The how is shared under NDA — the frontier we invite partners into. 方法专利申请中，技术细节仅在保密协议下披露。

AEInnerVerse



Today, the MVP is built — a working app on real health data, guiding with evidence-based practice. The dedicated sensing layer is what we build next.

目前最小可行产品已开发完成，配套应用程序依托真实健康数据运行，提供循证式身心调节指导；专用传感模组为下一阶段核心研发目标。

Your Nervous System Mirror.

你的神经状态镜像仪

A living digital twin of your nervous system.

By design, it senses you continuously and non-invasively, learns your patterns over time, and reflects your state back as an adaptive avatar in extended reality that guides you toward balance.

一个活的神经系统数字孪生：持续、非侵入地感知你，学习你的模式，并以扩展现实中的自适应化身将状态反映给你。

The more it learns, the more personal it becomes. 越了解你，越契合你。



Adaptive avatar · XR

One capability, across a lifetime.

一种能力，贯穿一生。



Workforce & mission-critical 职场与关键岗位人群

Resilience under load → productivity



Mental wellbeing 心理健康

Catch dysregulation before crisis



Healthy ageing 健康老龄化

Independence later in life → silver economy



Population health 全民公共健康

Resilience at scale → smart cities

Why China.

为何中国。

310M+

People aged 60+ in China

60 岁以上人口

¥30tn

Silver economy by 2035

2035 年银发经济规模

Healthy China 2030

Prevention before treatment

《“健康中国2030”规划纲要》，预防为主、防治结合

2024 silver-economy guidance

Healthy ageing at the centre of development

2024 年国家银发经济发展指导意见，健康老龄化为发展核心

China leads in AI deployment, advanced manufacturing and population-scale digital-health infrastructure. 中国在人工智能应用、先进制造与群体级数字健康基础设施方面均处前列。

A field neither builds alone.

该前沿赛道无法依靠单一国家独立完成，需中澳携手共建

Australia contributes

澳大利亚贡献

- The science
- The intellectual property
- The founding vision

China contributes

中国贡献

- Population-scale validation
- Sensing & AI capability
- Deployment & policy alignment

共创 · Co-create

WHERE WE ARE

当前阶段

Where we are today.

我们的当前阶段。



Concept defined. MVP built. Patent filed — provisional in Australia, and the international (PCT) application filed. The integrated prototype — sensing through to immersive experience — is the next milestone, and the reason for this conversation.

How we build it together.

我们如何共同构建。



Each partner contributes what only they can — and receives a defined return. 各方贡献所长，并获得明确回报。

What each partner contributes — and receives.

各方的贡献与回报。

Partner · 伙伴	Contributes · 贡献	Receives · 回报
Universities 高校	Research leadership, validation design	Joint IP, co-authored publications
Hospitals 医院	Clinical & physiological studies	Early access, publishable outcomes
AI partners AI 合作方	Multimodal fusion modelling	A frontier problem; shared models & IP
Sensing / hardware 传感与硬件	Engineering toward the next-generation sensing roadmap	A defined deep-tech build; co-dev position
Investors 投资者	Capital to build the field	Ground-floor category ownership
Government / zones 政府与产业园区	Deployment, policy support	A policy-aligned, anchorable project
Manufacturing 制造与供应	Precision build & supply at scale	Advanced-manufacturing programme; supply position

Built to be trusted.

以可信为本。



Independent & publishable 独立、可发表

Pre-specified questions; partner-run analysis; results published regardless of outcome



Joint IP 联合知识产权

Frameworks for co-developed work, agreed up front



Bilateral funding 双边资金

Pathways such as ACSRF, when a round is open



Data governance 数据治理

Residency & governance co-designed for local requirements

From field to platform.

从领域，到平台。

How the field matures into a platform — de-risking at each stage. 神经网络智能如何成长为一个平台——并在每一阶段递减风险。

01

Today 当前阶段

- Working MVP built
- Patent filed (provisional + PCT)
- First research partnerships

Foundations in place
基础已就位

02

Next 下一阶段

- Independent validation
- AI model refinement
- Australia–China consortium

What capital unlocks first
资金率先驱动

03

Then 中期阶段

- Enterprise & ageing pilots
- Workforce resilience
- Population health

Commercial proof
商业验证

04

Future 长期愿景

- Integrated sensing platform
- Proprietary NSI layer
- Category leadership

A foundational capability
一项基础能力

De-risking · 降低风险

Capability & value expand · 能力与价值扩展

What we're offering.

我们提供的机会。

For partners

合作伙伴

- Co-author the science; share joint IP
- Run the independent validation
- Co-develop the integrated prototype

For investors

投资者

- Funds the new field
- Current round funds university-run validation
- Founder retains majority & CEO control
- Ground-floor stake in a new category

Universities run the science. Investors fund the field. The founder leads.
高校负责科研体系搭建，资本赋能赛道规模化发展，创始人统筹项目整体战略方向。

Find your row.

找到属于您的那一行。

University research partners 高校科研合作方

Healthy-ageing pilots 健康老龄化试点

Smart-city & population health 智慧城市与全民公共健康合作方

Advanced sensing & hardware 先进传感与硬件研发制造伙伴

Government & innovation zones 政府与创新园区

Validation partners 第三方实证合作机构

Workforce & mission-critical pilots 职场与特种岗位试点合作方

AI research collaborators AI 科研合作者

Strategic investors 战略投资者

Manufacturing & supply 制造与供应

Find your row — that is where we begin. 匹配适配您的合作赛道，即是双方合作的起点。



Let us co-create the field.

诚邀各方携手共建神经智能全新赛道。



Toward a foundational layer for human health and performance. 迈向人类健康与身心状态的坚实根基

Research · Innovation · Co-development

研究 · 创新 · 联合开发

Belinda Baynes · Founder, Qualia Tech research@qualia.tech · qualia.tech Add me on WeChat 微信

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微信联系

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Questions you may have.

您可能关心的问题。

Is this a medical device?

Not today — a wellbeing & decision-support tool on existing health data. No medical claims.

Is it diagnostic?

No. We infer state against your own baseline; we do not diagnose.

What evidence exists?

Decades of peer-reviewed science underneath; platform validation is what partners will run, published.

How is data managed?

Residency & governance co-designed to local requirements, governed up front.

What's the next-generation sensing layer?

A next-generation layer on our roadmap: a cleaner, earlier signal that today's monitoring misses. Patent-pending; today we run on established sensors. The how is shared under NDA.

What validation is planned?

Independent, pre-specified studies run by partners; results published regardless of outcome.

How is IP handled?

Method patent-pending (provisional + PCT), founder-owned; co-developed work under joint-IP frameworks.

Why China?

Healthy China 2030, the silver economy, scale, AI & manufacturing strength, policy alignment — co-creation, not market entry.