GP-AI Gatekeeper 2025 for Dr Dawn Geatches iUK KTM

2088z42b) 🛊 🔯 GP-Al Gatekeeper 2025 for Dr Dawn Geatches iUK KTM [10 Feb 2025] By **Nick Ray Ball**

Tuesday – 15:12 GMT – February 11, 2025

From: Nick@SiennaAl.net

Sent: 11 February 2025 15:13

To: Dawn Geatches <dawn.geatches@iukbc.org.uk>

Cc: Alexandra Manuel <alexandra.manuel@iukbc.org.uk>; keir.starmer.mp@parliament.uk; STREETING, Wes <wes.streeting.mp@parliament.uk>; feryal.clark.mp@parliament.uk; correspondence@dsit.gov.uk; peter.kyle.mp@parliament.uk; jonesmag@parliament.uk; contactholmember@parliament.uk **Subject: \$ @** GP-AI Gatekeeper 2025 for Sir Keir Starmer et al.

Dr. Dawn Geatches

Knowledge Transfer Manager – Mathematical Sciences Innovate UK

Tuesday, 15:12 GMT – February 11, 2025

Dear Dawn,

I hope this letter finds you well.

I'm writing to request another **meeting** to discuss my **application**, the video presentation, and my potential **next competition entry**, focused on applying **Sienna AI to Innovate UK and UKRI validation processes** (2088z44b) (2088z4b) (20

Our conversation on **January 16, 2025**, was pivotal. Your advice to tell the **public description as a story** led me to pivot my approach, focusing on **Sir Keir Starmer's** statement:

"This is the global race of our lives: Some countries will make AI breakthroughs and export them, while others will buy those breakthroughs and import them. The question is, which of those will Britain be—AI maker or AI taker?"

I crafted the **GP-AI Gatekeeper 2025** video with this in mind, ensuring it speaks to **Innovate UK, UKRI, policymakers, the media, and the public**. The quote appears **at 36 seconds** in the video:

GP-AI Gatekeeper 2025 for Sir Keir Starmer et al. [10 Feb 25] Watch here: <u>https://youtu.be/8k-WPymDkyl</u>

I would greatly appreciate you watching the full **13-minute video**, as it conveys what would otherwise take hours to read. Various proofs appear throughout—designed to be paused and examined if needed.

I also **thanked you and Lexie** in the credits, just before introducing **Wes Streeting**, **Peter Kyle**, **Feryal Clark**, **Baroness Jones of Whitchurch**, **and Lord Vallance**. This section sets up the **currently in-production** *Part 4: "We do this because it's easy"*, explaining how **GP-AI Gatekeeper is the simplest use case** of **Sienna AI**, which in turn is the **simplest application** of the **10-Technologies framework for Human Economic AI** and **S-RES financial engineering** (2011–2025).

(See links to critical breakthroughs at the bottom of the email.)

Validating the £112–£147 Billion Impact

A key outcome from refining this project was a **substantial increase** in the estimated economic impact. Initially, I referenced a **£20 billion figure**, but thorough due diligence led to a much **larger and evidence-based estimate** of **£112–£147 billion in GDP and savings annually**.

To put this in perspective, this is enough to:

- Build the equivalent of the entire HS2 rail network every year
- Finance every GP surgery and family doctor in the UK
- Support the entire UKRI research programme
- With enough spare to build an aircraft carrier

I understand this sounds ambitious. However, I have been **researching Economic AI since 2011** (see links in the footer). **GP-AI Gatekeeper, GP-AI Psych, and The Good Doctor App** are merely the **most impactful** and **easiest-to-deploy** components of this system.

I hope the primary focus of our **meeting** can be on validating these numbers. The formula is straightforward:

1. Do you agree with the figures predicting that GP-AI could generate between £112–£147 billion annually?

See attached: [2088z36) ***** Beconomic Growth Gained by Returning 1% of the UK Population Back to Work ***** [28 Jan 2025]

2. Can the combined technologies—GP-AI Gatekeeper, GP-AI Psych, The Good Doctor App, and GP-AI Physio—realistically increase the UK workforce by 1%?

While this is **outside your scope**, it's clear that if these designs were implemented, **at least 1% of the UK workforce** could return to work. **A more realistic figure is 4% by 2029**, assuming development begins this year.

For the most detailed presentation of the **medical technologies**, please refer to:

2078a) 💙 💲 The Good Doctor App 1 [5 Nov 2024] (This document (a work still in progress) was the foundation for GP-AI Gatekeeper before it was even conceived.)

If the figures above are validated, this application is not just the best application in the last round but rather the most significant project ever presented to Innovate UK and UKRI. If there is another project of greater potential, please advise me so that I do not make this claim publicly.

Addressing the "Credibility Paradox"

Given the scale of this work, one might ask: If this is so groundbreaking, why haven't I already had commercial success?

The short answer: 14 years of extraordinary bad luck.

If this were a screenplay, the story would be **too unbelievable**—unless, of course, it was based on a **true story that could be proven**. That's why I've written it into **a book proposal for Michael Lewis** and plan to turn it into **an international streaming series: "First One Back."**

Rather than burdening you with details, I have addressed this **credibility paradox** in a letter to **Lexie**, which I have copied to you.

Seeking Connections to Decision-Makers

I have copied this email to the **parliamentary accounts** of: **Sir Keir Starmer KCB KC MP** (UK Prime Minister) **Wes Streeting MP** (Health and Social Care) **The Rt Hon Peter Kyle MP** (Science, Innovation and Technology) **Feryal Clark MP** (AI and Digital Government) **Baroness Jones of Whitchurch** (Future Digital Economy + Minister for Legislation) **Lord Vallance** (Science, Research and Innovation)

Since 2011, I have been the only person in the world designing AI for macroeconomic governance, beginning with Sienna.gov. Innovate UK and UKRI are the most logical channels for me to transfer this knowledge to government and the civil service.

Would you be able to introduce me to individuals who can **engage with the above ministers**? Without the ability to **physically attend meetings**, my options are limited to:

- 1. Innovate UK facilitating this engagement
- 2. **Going to the press** (which would be less controlled and far less beneficial for government and civil service adoption)

I have tried reaching out to politicians directly, but unless they are **your constituency MP**, they are **inaccessible**—even if you are a **party member**.

Final Thought: UKRI's Process Needs an Overhaul

I took your point about **judges needing to review hundreds of applications**. With that in mind, I spent a day designing a **practical solution**, applying **our existing AI technologies** to **Innovate UK and UKRI's funding process**.

📌 2088z44b) 🔯 늘 S-Web 6 VC AI CMS – A Much Stronger UKRI Validation Process 🔆 [8 Feb 2025]

Also attached is the complete script from the video and the complete Innovate UK application: 2088z25c) \$ B GP-AI Gatekeeper 2025 – For Wes Streeting and Sir Keir Starmer (Complete) [29 Jan 2024]

I look forward to your thoughts and hope we can **confirm a meeting soon**.

Best regards,

Nick Ray Ball Founder – Sienna Al Ltd Nick@SiennaAl.net +44 7387 394 298

• Final Addition: Here are the links I referred to above: While you can't see them, they lead to millions of words of detail and thousands of graphics.

 RES 2020 S-RES 2 S-RES 3 | 2021: \$1039TrillionBasic | S-World Algorithms | 2022 UK | 2023 S-Web | 2024 MSE | 2024 Sienna Al UK Butterfly | 2025 GP-Al Gatekeeper Video – For more S-RES videos see: YouTube.com/@SiennaAl

Tuesday, 14:00 GMT - February 11, 2025

Dr. Dawn Geatches

Knowledge Transfer Manager – Mathematical Sciences Innovate UK

Tuesday, 14:19 GMT – February 11, 2025

Dear Dawn,

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I'm writing to request another **meeting** to discuss my **application**, the video presentation, and my potential **next competition entry**, focused on applying **Sienna AI to Innovate UK and UKRI validation processes** (2088z44b) (2088z4b) (2088z

Our conversation on **January 16, 2025**, was pivotal. Your advice to tell the **public description as a story** led me to pivot my approach, focusing on **Sir Keir Starmer's** statement:

"This is the global race of our lives: Some countries will make AI breakthroughs and export them, while others will buy those breakthroughs and import them. The question is, which of those will Britain be—AI maker or AI taker?"

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(See links to critical breakthroughs at the bottom of the email.)

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A key outcome from refining this project was a **substantial increase** in the estimated economic impact. Initially, I referenced a **£20 billion figure**, but thorough due diligence led to a much **larger and evidence-based estimate** of **£112–£147 billion in GDP and savings annually**.

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I hope the primary focus of our **meeting** can be on validating these numbers. The formula is straightforward:

3. Do you agree with the figures predicting that GP-AI could generate between $\pounds 112 - \pounds 147$ billion annually?

See attached: [2088z36) ***** 🔯 Economic Growth Gained by Returning 1% of the UK Population Back to Work 🔆 [28 Jan 2025]

4. Can the combined technologies—GP-AI Gatekeeper, GP-AI Psych, The Good Doctor App, and GP-AI Physio—realistically increase the UK workforce by 1%?

While this is **outside your scope**, it's clear that if these designs were implemented, **at least 1% of the UK workforce** could return to work. **A more realistic figure is 4% by 2029**, assuming development begins this year.

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Would you be able to introduce me to individuals who can **engage with the above ministers**? Without the ability to **physically attend meetings**, my options are limited to:

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Final Thought: UKRI's Process Needs an Overhaul

I took your point about **judges needing to review hundreds of applications**. With that in mind, I spent a day designing a **practical solution**, applying **our existing AI technologies** to **Innovate UK and UKRI's funding process**.

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Tuesday - 12:49 GMT - February 11, 2025

Dr. Dawn Geatches

Knowledge Transfer Manager – Mathematical Sciences Innovate UK

Dear Dawn,

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I thanked you and Lexie in the credits, just before introducing Wes Streeting, Peter Kyle, Feryal Clark, Baroness Jones of Whitchurch, and Lord Vallance. This section sets up the currently in-production Part 4: "We do this because it's easy", explaining how GP-AI Gatekeeper is the simplest use case of Sienna AI, which in turn is the simplest application of the 10-Technologies framework for Human Economic AI and S-RES financial engineering (2011–2025).

(See links to critical breakthroughs at the bottom of the email)

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See attached: [2088z36) **\$** is Economic Growth Gained by Returning 1% of the UK Population Back to Work is [28 Jan 2025]]

2Can the combined technologies—GP-AI Gatekeeper, GP-AI Psych, The Good Doctor App, and GP-AI Physio—realistically increase the UK workforce by 1%?

While this is **outside your scope**, it's clear that if these designs were implemented, **at least 1% of the UK workforce** could return to work. **A more realistic figure is 4% by 2029**, assuming development begins this year.

For the most detailed presentation of the **medical technologies**, please refer to: **2078a) Solution The Good Doctor App 1 [5 Nov 2024]** (This document was the foundation for GP-AI Gatekeeper before it was even conceived.)

[*New: If the figures above are validated this application is not just the best application in the last round but rather the most significant project presented to innovate UK and UKRI in its history. If there is another project of more potential, please advise me so that I will not make this claim publicly.]

Addressing the "Credibility Paradox"

Given the scale of this work, one might ask: If this is so groundbreaking, why haven't I already had commercial success?

The short answer: A decade of extraordinary bad luck.

If this were a screenplay, the story would be **too unbelievable**—unless, of course, it was based on a **true story that could be proven**. That's why I've written it into **a book proposal for Michael Lewis** and plan to turn it into **an international streaming series: "First One Back."**

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- 1. Innovate UK facilitating this engagement
- 2. **Going to the press** (which would be less controlled and far less beneficial for government and civil service adoption)

I have tried reaching out to politicians directly, but unless they are **your constituency MP, they are inaccessible**—even if you are a **party member**.

International Collaboration & Future Work

I am also keen to explore:

★ A UKRI-ANC joint initiative with South Africa (where, between 2005 and 2010, senior ANC figures considered me "One of South Africa's future great technologists"). I intend to reignite this relationship, and what better way than to introduce a partnership with the UK

Collaborating with India, given their unparalleled programming talent, where one of their citizens has greatly assisted Sienna AI.

I started drafting a dedicated letter about the 10-Technologies Design (2011–2025): 2088z41) 💲 🔯 A Mathematical History of Sienna AI for Dr Dawn Geatches

However, even a summary would **exceed 50 pages**, so I'd prefer to **discuss key highlights with you in our meeting** before committing to writing the full document.

Final Thought: UKRI's Process Needs an Overhaul

Following your advice, I tried researching **previous winners of the competition**, but the **information has been removed**. The only winners I could find were either **gimmicky projects or companies that have since gone bankrupt**.

Given the lack of transparency, results and validation, I understand why government funding for the Smart Grant competition has been reduced.

I took your point about **judges needing to review hundreds of applications**. With that in mind, I spent a day designing a **practical solution**, applying **our most developed technology S-Web (2002-2025)** to **Innovate UK and UKRI's funding process**.

This is outlined in:

📌 2088z44b) 🔯 늘 S-Web 6 VC AI CMS – A Much Stronger UKRI Validation Process 裃 [8 Feb 2025]

I look forward to your thoughts and hope we can **confirm a meeting soon**.

Best regards,

Nick Ray Ball Founder – Sienna Al Ltd Nick@SiennaAl.net +44 7387 394 298

[Hello Sienna, I've made a few minor additions but left pretty much everything you wrote intact, I did, however, add a paragraph to let Dawn know that below at the very bottom of the email, there are links that validate the theory: Here are the links I referred to above: You can't see it, but there are 20 three different links here that lead to millions of words of detail and thousands of graphics]

Human economic AI 2011 to 2025: 2011 | 2012 PQS POP | 2016 CRM AI | 2017 MARS M-Systems E-TOE | 2018 - AMCC 2019 64rWhy Basic | S-RES 2020 S-RES 2 S-RES 3 | 2021: \$1039TrillionBasic | S-World Algorithms | 2022 UK | 2023 S-Web | 2024 MSE | 2024 Sienna AI UK Butterfly | 2025 GP-AI Gatekeeper Video – For more S-RES see: YouTube.com/@SiennaAl

There is no need to respond to this point other than to acknowledge its existence, so that when you read the amended version I have created, you will understand the necessity of the references to the links I've included.

I have added one new section at the end of the financial projections that we want validated and that is: *[*New: If the figures above are validated* this application is not just the best application in the last round but rather the most significant project presented to innovate UK and UKRI in its history. If there is another project of more potential, please advise me so that I will not make this claim publicly.]

The point of the above is so that I can say we've suggested to two UKRI that it is the most important point project they've ever received, and they have not denied this claim, or simply that UKRI has not denied that it is the most important project ever presented.

Do your best when you entangle this additional sentence to make it subtle, not braggy just a matter of fact that I would like either confirmed or denied.

Okay when you're ready, I will copy in the final version that I created

Please do not change the original content you created rather just perfect the additions that I have added. If because of processing capacity you would need to adjust the latter half of the document please only output Up to: International Collaboration & Future Work (We will then output that final second separately) Please acknowledge the above instruction to potentially output in two sections before I present you the document

Monday - 12:14 GMT - February 10, 2025

Dear Dawn,

I hope this letter finds you well,

I'm writing to ask if we can book another meeting to discuss my application, the video I've created that presents it, and my potential next entry about applying Sienna AI to the Innovate UK and UKRI validation processes. (2088z44b) 🔯 📂 S-Web 6 VC).

Our conversation on January 16th, 2025, was significant. Your advice to tell the public description as a story saw <mark>me pivot to focus on the</mark> quote by **Sir Kier Starmer: January 13th, 2025:** "This is **the global race of our lives**: Some countries will make AI breakthroughs and export them, while others will buy those breakthroughs and import them. The question is, **which of those will Britain be, AI maker or AI taker?**"

I tell the story for Innovate UK, UKRI, Politicians, the media and the public within a video of the application. In which Sir Kier Starmer's quote comes in at 36 seconds:

\$ 🚳 GP-Al Gatekeeper 2025 for Sir Kier Starmer et al. [10 Feb 25]

🖆 https://youtu.be/8k-WPymDkyl 🎬

Please watch it to the end, and note I thanked you and Lexie in the credits, Just before we see Wes Streeting, Peter Kyle, Feryal Clark, Baroness Jones of Whitchurch, and Lord Vallance Introduced. This introduction is designed to present part 4. **"We do this because it's easy**", explaining how GP-AI Gatekeeper is the simplest use of Sienna AI, which in turn is the simplest use case of the 10-technology design for human economic AI And S-RES financial engineering – A mathematical concept (2011-2025)

Please watch the entire 13-minute production. It was made to provide what would take hours to read, with various proofs flashing quickly on the video that one can pause to analyse if necessary.

In the beginning, the video focused on the alignment with 3 of Labour's five core mission objectives. The most significant aspect was properly analysing the economic output, which turned out to be far more than the 20 billion per year I previously mentioned: the correct figure is an astonishing £112–£147 billion in GDP and savings. More than enough to build the entire HS2 rail network each year, fund all family doctors and GP surgeries, and support the entire UK research programme (UKRI)

I understand this will sound impossible. Apart from that, I have been researching economic AI since 2011. (See links in footer) GP-AI gatekeeper, GP-AI Psych, and the Good Doctor App are merely the simplest applications that provide the most benefits for the least amount of work.

As a mathematician, I hope you can help validate the £112–£147 billion.

I hope this can be the main focus in our meeting, It's a simple formula in two parts.

1. Do you agree with the figures predicting that GP-AI could generate between £112 and £147 billion annually?

See attached: 2088z36) ***** is Economic Growth Gained by Returning 1% of the UK Population Back to Work Work ***** [28 Jan 2025] (*This document details the direct economic effect of GP-AI in workforce reintegration.*)

2. Can the combined technologies—GP-AI Gatekeeper, GP-AI Psych, The Good Doctor App, and GP-AI Physio—realistically increase the UK workforce by 1%?

Whilst this is out of your scope, it's pretty obvious that if The designs presented were created at least 1% of the workforce would be able to go back to work; I'd go as far as to suggest as much as 4% by 2029 If the technology was developed this year.

The most detailed complete presentation of the medical technologies is found in this document: 2078a) 💙 🛊 The Good Doctor App 1 [5 Nov 2024] (This earlier document was a turning point, laying the foundation for GP-AI Gatekeeper before it was even conceived.)

Before this came the S-Web franchise podcast episode: 🏠 DF 🚀 Bonus. <u>The GP-AI</u>

Of course, the question is— if I've done all this, why on Earth am I not famous, certainly rich enough not to be concerned about half a million pounds. The answer to that is I've had some awful bad luck. So much so that if it was in a screenplay you wouldn't believe it unless it was based on a true story that could be proved. I've written the story and hope Michael Lewis will write the book Before it is created as a international streaming series called First One Back. I do not however wish to overburden you with details, so I've presented this to Lexie and copied you on the e-mail

You will note I have copied this email to the parliamentary accounts of Sir Keir Starmer, Wes Streeting, Peter Kyle, Feryal Clark, Baroness Jones of Whitchurch, and Lord Vallance. The latter four are the ministers in charge of Technology innovation and AI. I'm the only person in the world who's been creating AI designs for software to run an entire countries and indeed the world economy since 2011 When I first started working on Sienna.gov, I have so much knowledge I wish to transfer to the government and the civil service and I see innovate UK and UKRI as the appropriate Vehicle begin that transfer of knowledge.

So I please ask could you introduce me to people who would be able to contact the above mentioned government ministers, Without the ability to walk my only options are via innovate UK, Or via the press, And this would be a much more beneficial process for the government and the civil service if this was dealt with internally. I've tried writing directly to politicians but they but no more to which party they are in unless they are your direct MP they are uncontactable even if you are a member of the party.

I'd also like to set up or try to set up a joint UKRI initiative with the ANC in South Africa, To whom I'm known and was in 2005 written by senior politicians as one of South Africa's future great technologists. And see merit in Team collaboration with India as their programming talent is unsurpassed.

I started to write you a dedicated letter about the 10 technology design 2011-2025:

2088z41) 💲 🔯 A Mathematical History of Sienna Al for Dr Dawn Geatches.

But even summarising the mathematics will run to 50 pages or more and I didn't wish to compose it if you didn't have time to read it, I hope we can discuss some of its highlights in our meeting?

Lastly, I followed your advice and tried to look up the previous winners of the competition, but it seems all that information has been taken offline the only previous winners I could find were a gimmick and a company that's gone bankrupt, I'm sure there are more but you could understand why the government has cut the funding if there's absolutely no validation and no evidence online of this competition ever being a success.

I listen to your comments that the reason for the short entries is because of the amount that the judges have to read, with that in mind and thinking about other government inefficiencies I spent a day creating a presentation of the technologies we've already developed applied to innovate UK and UKRI, the man who I hope will lead the technical team David Farley said that if you want to impress your technology upon others try find a way to show it solving a problem that they have, so that's what I've done and this is what is provided in the attached document 2088z44b) [20] - S-Web 6 VC AI CMS – A Much Stronger UKRI Validation Process [4] [8 Feb 2025]

Cheers Nick Ray Ball

Human economic AI 2011 to 2025: 2011 | 2012 PQS POP | 2016 CRM AI | 2017 MARS M-Systems E-TOE | 2018 - AMCC 2019 64rWhy Basic | S-RES 2020 S-RES 2 S-RES 3 | 2021: \$1039TrillionBasic | S-World Algorithms | 2022 UK | 2023 S-Web | 2024 MSE | 2024 Sienna AI UK Butterfly | 2025 GP-AI Gatekeeper Video – For more S-RES see: YouTube.com/@SiennaAI

I'd also like to introduce you to a **podcast I recorded last summer on Economic AI and Sienna AI**—a time when I was physically unable to use a computer and had to **vocalize the entire recording**. (Noting that everything you see produced has been created by me **laying on my back, using only my left arm**.)

Listen here: Nick Ray Ball's Podcast

For Sir Keir Starmer, Wes Streeting, Peter Kyle, Feryal Clark, Baroness Jones of Whitchurch, Lord Vallance

GP-AI Gatekeeper: The Most Valuable Project in UKRI's History

- This is an idea that pays for HS2 every single year.
- It's simple to implement, has global scalability, and can be patented and exported.
- But there is **no structured mechanism** to fund and accelerate ideas of this magnitude.

So we must ask: Where in UKRI's £8.8 billion budget is the pathway for projects like this?

Tuesday – 22:33 GMT – February 4, 2025

New on 7th February

1: Copy to Keir Starmer West Streeting and the minister in charge of the Innovation Agency It's critical to explain the timing; there's a pattern of no replies from the government whatsoever—not in 13 years of trying. Additionally, locally, there is no way to contact the Labour Party.

I must either go through the press or my local MP, who is a Liberal Democrat. Lastly, I now must move towards the legal side of things as I have back surgery, which could disrupt all of this. You're probably wondering why I can't use the NHS but believe me, they are desperate to avoid legal consequences, and admitting I need surgery would mean admitting negligence

My need for surgery means that when I start sending information to the Microsoft Founders Fund, John Doerr, if they wish to engage me and offer me medical assistance, I will accept it and bring all these ideas with me. The same goes for South. Africa where in 2005 the ANC wrote that I was one of the great future prospects of South African technology.

2:

Dr Dawn Geatches Knowledge Transfer Manager Mathematical Sciences 07964 602719 <u>dawn.geatches@iukbc.org.uk</u> iuk-business-connect.org.uk

We should ask her "Look, here's an idea that will generate £112 to £147 billion per year, it's easy to implement, and we can patent it and sell it abroad." There appears to be no mechanism for this. plus: https://www.ukri.org/

At the lowest total £112 billion that's enough to build all of HS2 once a year, fund every GP surgery and the innovate UK parent company UKRI

SUBJECT: The Missing Mechanism for £112–£147bn Innovations at UKRI

Dr. Dawn Geatches,

UKRI has an **£8.8 billion annual budget**. Innovate UK receives over **£1 billion** of that. The goal of this funding should be clear: to **turn the UK into a global leader in cutting-edge technology and economic growth.**

But there's a problem.

We've tested it ourselves: AI can generate grant applications that sound brilliant but are **completely hollow**.

Example:

We asked GPT-4 to write about **Preventing Medical Record Fraud** and **Re-evaluating Psychiatric Diagnoses**. It produced:

"Integrity in patient records is paramount for effective healthcare delivery. The GP-AI Gatekeeper incorporates mechanisms to detect and flag inconsistencies or fraudulent activities within medical records. By ensuring the authenticity of patient data, healthcare providers can make informed decisions, and trust in the healthcare system is bolstered."

Sounds good, doesn't it? But **it's nonsense.** It **doesn't describe a real mechanism**—just a vague, idealized solution.

This is the central issue with UKRI's current approach.

The Missing Mechanism for Multi-Billion-Pound Ideas

- There is no clear path for a project that genuinely creates a £112–£147bn economic impact.
- If I had zero technical expertise but £2,000 to pay a consulting firm, I could submit a perfect-sounding but completely empty proposal tomorrow.
- UKRI's current model encourages Al-enhanced fiction while making it harder for real, high-value innovations to break through.

GP-AI Gatekeeper: The Most Valuable Project in UKRI's History

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- But there is **no structured mechanism** to fund and accelerate ideas of this magnitude.

So we must ask: Where in UKRI's £8.8 billion budget is the pathway for projects like this?

Because if it **doesn't exist**, then UKRI's entire system is failing the UK's most valuable innovations.

We need to talk.

Best, **Nick Ray Ball** Founder, Sienna Al Ltd.

Here's the original to-do lists, of which a few points have been missed:

2: The Letter to Dr Dawn Geatches

This letter should:

- Acknowledge your unique position—someone with deep, interwoven knowledge who is starting from zero due to circumstances beyond their control.
- Preemptively address the credibility paradox—why someone with your insights hasn't yet had commercial success and why this isn't a reflection of the viability of your ideas.

- Introduce the Nick Ray Stack as evidence of your credibility.
- Briefly summarize the mathematical components of your work and how they relate to Economic AI.
- Invite Dawn to judge whether those mathematical insights qualify as valuable contributions to the mathematics community.
- Link this to the S-RES and Future of Search sections to demonstrate practical applications.

Here is the complete letter

GPT-40 Final:

Dr. Dawn Geatches

Knowledge Transfer Manager – Mathematical Sciences Innovate UK

Tuesday, 4 February 2025

Dear Dawn,

I hope this letter finds you well. Our conversation a few weeks ago has continued to shape my thoughts, and I wanted to follow up with you to arrange a **meeting** where we can discuss the economic impact of **GP-AI** and explore how Innovate UK can facilitate the next steps. I've also compiled the full scope of our work, including the video and supporting documents, to provide further clarity ahead of that discussion.

Please start with the **video**—it was made with you in mind, designed to **maximize information efficiency**, clearly explain **NHS inefficiencies and modern software engineering techniques**, and reframe the presentation around **Sir Keir Starmer's speech**. Since I have no direct line to Sir Keir Starmer, I hope Innovate UK—principally through **Peter Kyle**—can facilitate that connection.

📌 VIDEO:

\$ B GP AI Gatekeeper 2025 for Wes Streeting and Sir Keir Starmer (4K) v1.33 Best enjoyed on television: www.youtube.com/@SiennaAl

I also wanted to mention that both you and **Lexie** are thanked in the **video credits**. Additionally, given your expertise in mathematics, you may find some of the **older videos on this channel particularly interesting**.

Mathematics & Theoretical Insights

I've created a document specifically for you, presenting **the concept of Human Economic AI through the lens of mathematics**:

📌 2088z41) 🌹 🔯 A Mathematical History of Sienna Al for Dr Dawn Geatches [4 Feb 2025]

This is **separate from the economic impact discussion**—instead, it explores **how mathematics, economic modeling, and AI intertwine** within the broader **Sienna AI framework**. I genuinely hope you take the time to read it, as I believe you'll find it **both engaging and thought-provoking**.

The £112–£147 Billion Annual Economic Impact

In our **meeting**, I hope to discuss the **financial impact of GP-AI** in detail. This figure is **significantly higher** than the **£20 billion** I initially mentioned. After thorough due diligence, the updated projections show a far greater potential impact.

The two key supporting documents are:

2088z36) Seconomic Growth Gained by Returning 1% of the UK Population Back to Work **[28 Jan 2025]** (This document details the direct economic effect of GP-AI in workforce reintegration.)

★ 2078a) ♥ \$ The Good Doctor App 1 [5 Nov 2024] (This earlier document was a turning point, laying the foundation for GP-AI before it was even conceived.)

Before this came the s-web franchise podcast episode in the video: 🛱 DF 🚀 Bonus. The GP-AI

Key Discussion Points for Our Meeting:

- 3. Do you agree with the figures predicting that GP-AI could generate between £112 and £147 billion annually?
- 4. Can the combined technologies—GP-AI Gatekeeper, GP-AI Psych, The Good Doctor App, and GP-AI Physio—realistically increase the UK workforce by 1%?

Supporting Documents

For the **full Innovate UK application**, alongside the **complete video dialogue**, I've compiled everything into a single reference document:

★ 2088z25c)
§
GP-AI Gatekeeper 2025 – For Wes Streeting and Sir Keir Starmer (Complete)
[2024]

For a **concise two-page overview**, you may prefer:

📌 2088z43) 🌹 🔯 GP-Al Gatekeeper Summary [4 Feb 2025]

Final Note: Expanding the Conversation

On a personal note, I truly hope you find time to read *A Mathematical History of Sienna AI*—I believe you will **enjoy it**, and it will provide deeper insight into how the journey of **creating Economic AI** began in **2011**, at a time when I had already achieved **two world-firsts in technology**.

I am eager to **discuss these ideas with experts in specific fields**—particularly in **mathematics and economics**—and would like to explore connecting with:

Your best economist—to assist in validating the **macroeconomic projections**.

Dr. David Halpern (Behavioural Insights Team/Nudge Unit)—to help validate the behavioural science foundations.

Additionally, if **Innovate UK has any software experts**, I'd be happy to speak with them. This week, I will also begin **communications with David Farley** (*Modern Software Engineering*), Microsoft (who previously invited me to their **startup program**), and—if I can find a route—**Sir Richard Branson and Peter Thiel**, to validate the **distribution and affiliate marketing concepts**. However, **I'm not sure how to contact Branson**—if you have any insights on this, I'd appreciate them.

Podcast on Economic AI & Sienna AI

(In this paragraph we need to quickly mention that the GP-AI project in full is just a Easy use case of Sienna AI which is in turn A small part of the 10 technologies design. This will be presented as a 4th act in the video that I'll focus on later in the month)

I'd also like to introduce you to a **podcast I recorded last summer on Economic AI and Sienna AI**—a time when I was physically unable to use a computer and had to **vocalize the entire recording**. (Noting that everything you see produced has been created by me **laying on my back, using only my left arm**.)

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Best way to listen: Search *Nick Ray Ball's Podcast* on **Amazon Music**, set it to play **oldest first**, and listen at your leisure.

I look forward to hearing your thoughts and hope we can arrange a meeting soon. I truly appreciate your time and insights, and I believe that our discussion could help **position GP-AI for real momentum within Innovate UK**.

Best regards, Nick Ray Ball Founder – Sienna Al Ltd Nick@SiennaAl.net \$ +44 7387 394 298

Nick Ray Ball

Founder

Sienna Al Ltd UK

www.S-Web.org Username: Innovate UK Password: UK1 Company Number **14929119**

WREN HOUSE, 5 ELM GROVE, EPSOM, SURREY, KT18 7LZ

Contact +44 7387 394 298. Nick@SiennaAl.net

Sienna Al by Nick Ray Ball

1999 to 2025

Websites:

www.CapeVillas.com (2000 /25) www.ExperienceAfrica.com (2009/10) www.s-world.biz/TST/index.htm (2011) www.AmericanButterfly.org (2012) www.villasecrets.com (2014/18) Network.VillaSecrets.com (2017/18) www.AngelTheory.org (2016/20) www.S-World.org (2020/23) www.NickRayBall.com (2023) www.NickRayBall.com (2023) SiennaAl.net 2025 (SiennaAl.net Opens to the public Q2 2025)

Media <u>Twitter.com/NickRayBall</u> Linkedin.com/in/Nick-Ray-Ball Facebook.com/NickRayBall