






S-Web 6 VC AI CMS – A much stronger UKRI

validation process DDD Intro

2088z44c)   S-Web 6 VC AI CMS – A Much Stronger UKRI Validation Process  DDD Intro [8 Feb 2025]

By **Nick Ray Ball**

Wednesday – 16:15 GMT – February 9, 2025

On Tuesday evening, I initiated the ☆DF89 series with the intention of creating a dedicated entry for the innovative UK competition regarding this:

☆DF Sienna AI S-Web iUK UKRI Validation

☆DF89a1. S-Web-6 Validation 1 day vs 1 month

An important detail about the S-Web validation process is that it took me half a weekend to create this, yet it would take about a month and a half to write a less detailed submission for the Innovate UK competition. Nevertheless, the complete document could radically improve Innovate UK itself if only someone would take the time to read it.

☆DF89a2)

Discover whether it's possible to enter two competitions simultaneously, but bear in mind that it may be advisable not to invest time in resubmitting the GPAL gatekeeper until we have the results from the previous one.

☆DF89a3)

DDD Domain-driven design

Start by understanding the business and then create software for it.

This describes my work from 2003 to 2016, during which my favourite project was a genuinely cloud-based software that could be described as AI. Subsequently, I read David Farley's book, which introduced me to the academic and engineering aspects of software design.

NHS Software

By combining my innate ability to create domain-driven design software with the engineering principles outlined in David Farley's book, I was able to develop software designs for the NHS in ways that others could not. This was primarily because I understood the issues at hand, as well as the corresponding solutions, having experienced these challenges in a way that a doctor never would. Furthermore, a doctor would not, in any case, possess the capability to design the software themselves.

Innovate UK and UKRI Software:

Had you asked me a year ago to design software for Innovate UK, I wouldn't have conceived of S Web 6 validation. I had to go through the process of identifying the problems, understanding the constraints and bottlenecks, speaking to people there, and discovering what they viewed as problematic. I pondered why they only had such limited information; there are far too many individuals trying to apply, which makes it impossible to consider anyone's ideas in sufficient detail to properly validate them.

But a major problem with the Innovate UK process is that they only allocate 600 words to describe the idea. They then require 10 pages of various business mechanisms that have nothing to do with the idea itself.

Consequently, the idea accounts for only 10% of the score, whereas the process comprises 90%. This means that a very good idea can always be overshadowed by a poor idea with a solid process. Moreover, being limited to 600 words to describe your idea offers no opportunity for validation, meaning anyone can simply use AI to create something that sounds impressive without any substance behind it.

HMRC Software:

Going further back than that, it started with the realisation that the software in HMRC was very, very poor, which helped to inspire the TFS: Total Financial System, part of the TBS: Total Business Systems—the first part of it, actually.

Sunday – 14:04 GMT – February 9, 2025

1. The Problem: £8 Billion at Stake—But How Much Is Real Innovation?

£8 billion. That's the annual budget of UKRI. But how much of that is funding **AI-generated fiction**?

We tested it. We fed **GP-AI Gatekeeper's core ideas** into GPT-4. The AI generated a **flawless-sounding pitch**. But there was one problem: **It was complete nonsense**.

"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 great, doesn't it? **But it doesn't work.**

- **It assumes fraud is a technical issue**—when in reality, it's a **systemic problem caused by administrative pressure on doctors**.
- **It assumes AI can detect medical record fraud**—but fraud is **self-reinforcing**. All records appear consistent because they are all **consistently false**.
- **It assumes doctors need AI to verify patient records**—when in reality, **AI needs to protect patients from administrators altering their records to avoid lawsuits**.

This is the **central issue with Innovate UK's current funding process**: judges **cannot tell the difference** between an AI-generated pitch and a well-researched, technically viable solution that understands and has researched what the problem is in the first place.

2. Exposing the AI-Generated Grant Application Industry

In December 2022, after updating my LinkedIn profile to mention AI, I was approached by a company offering a **grant-writing AI**.

For £2,000, they promised to write a “winning” Innovate UK application.

They told me that all I needed was a company, a financial director, and a typical corporate “C-Suite.” With that, I would answer a few questions, and they'd use their AI trained to specifically win the competition. It seemed that it was **regardless of whether I had a viable idea**.

If Innovate UK receives **200 applications** and only funds **10**, that means **190 are rejected**. But what if **100 of those applications** were entirely AI-generated, written by companies with no prior research development other than a few people sitting in a room making a wish list of ideas for AI to write up as a winning formula? How can Innovate UK judges tell the difference?

3. The MI6 Example: If AI Can Fool UKRI, It Can Fool Intelligence Agencies Too

This isn't just an Innovate UK problem. **Via the UKRI KTN Innovation Exchange**, MI6 recently ran a competition asking for AI to **‘capture human judgment in decision-making.’** The question was so vaguely framed that **any**

AI could generate a “perfect” answer—sounding sophisticated without offering a practical, research-backed solution.

The UK’s intelligence agency faces the same vulnerability—a **competition format relying solely on written text-based applications leaves the process open to ill-conceived ideas, made to sound polished by generative AI**.

Had I entered that competition, my answer would have been straightforward:

- **Frame the problem correctly:** Instead of asking how to capture human judgment, the real question should be: *How can we combine behavioural science, game theory, data, and AI to assist security services in real-time decision-making?*
- **Show evidence:** We began developing this approach in **2011**, when we created a psychology-based CRM system designed for **Facebook adoption**. The system featured a **seven-stage psychology test**, using **questions with hidden psychological significance**—for instance, “*What is your favourite animal?*” The respondent’s description of the animal would unknowingly reveal **what they sought in a partner**. This test proved astonishingly accurate and could be adapted for **MI6**—or even the **Department for Work and Pensions (DWP)** to expose fraudsters. (See original test: https://www.s-world.biz/FaceBook/CRM_Psychology_Test.htm)
- **Demonstrate scalability:** The **GP-AI Gatekeeper’s decision tree logic** isn’t just designed for healthcare; it applies equally to **MI6, HMRC, and DWP**, providing structured, logic-driven decision-making in high-stakes environments.
- **Highlight real-world use cases:** The **OKR-based behavioural science reward system**—a core component of GP-AI Gatekeeper—**integrates AI, game theory, and behavioural science** to enhance decision-making, improve accountability, and drive measurable outcomes.

This was a **missed opportunity for MI6**—just as **Innovate UK is missing real innovations** due to the constraints of **using outdated, text-based CMS forms** for competition entries. Until these processes **evolve to incorporate interactive, data-backed validation methods**, they will remain vulnerable to **AI-generated wish lists** instead of **genuine, research-backed technological advancements**.

4. The Real Cost of Medical Record Fraud & The Lucy Letby case

While Innovate UK struggles with AI-generated grant fraud, **the NHS is drowning in another kind of fraud: Medical Record Fraud**.

I am a **victim** of medical record fraud.

- I have **recorded and analyzed over 100 hours** of NHS interactions.
- The fraud is **not hypothetical**. It is **systematic**.

Take the **Lucy Letby case**, where she was **accused of murdering seven infants and is now in jail, serving 15 life sentences**. If hospital negligence played any role in these deaths, **the evidence would never have been recorded in the first place**.

- **Doctors and nurses are systematically trained** never to write anything in medical records that could indicate negligence.
- **No evidence of wrongdoing exists—because it was never documented**.
- **Medical records are designed to protect hospitals from lawsuits, not to ensure patient safety**.

But the problem isn’t just that **there’s no record to investigate**—it’s that **this very practice may have caused the deaths in the first place**.

When **critical medical failures aren’t recorded**, the next doctor or nurse in the chain is left **completely unaware** of the previous issue. They **won’t correct the mistake because they don’t even know it happened**.

This creates a **chain reaction of preventable errors**, where patients suffer not just from **initial negligence**, but **from a system that ensures those mistakes remain hidden**.

So while Lucy Letby's conviction may be the most high-profile consequence, the real scandal is far broader: **this culture of omission doesn't just protect hospitals from lawsuits—it costs lives**.

Drawing Parallels with *The Good Nurse*

One cannot help but draw disturbing parallels between the **crime Lucy Letby is accused of** and the events depicted in the Netflix film *The Good Nurse*. The film, based on a true story, follows the case of **Charles Cullen**, a male nurse who **admitted to killing over 40 patients across nine different hospitals** in the United States. In reality, some investigators estimate the number of victims could be **closer to 400**—making him one of the most prolific serial killers in medical history.

But here's the real scandal: **it wasn't just Cullen who was guilty**.

Cullen's crimes were **enabled by hospital administrators**, who repeatedly **covered up evidence of his wrongdoing and simply allowed him to move to another hospital** rather than reporting him. In his confession, Cullen himself asked, "**Why didn't you stop me sooner?**" But the answer was simple: money. **Each hospital feared lawsuits and reputational damage more than they feared losing more patients**.

Now, before dismissing this as a uniquely American problem—after all, the U.S. healthcare system is privately run—consider this: **so is the NHS**.

Most people **wrongly believe** the NHS is a single, unified public service, akin to the police or fire department. **It is not**. The NHS is, in reality, **a cartel of over 1,000 private healthcare entities**, each vying for government funding while **doing everything possible to avoid lawsuits and scandals**.

And just like in the U.S., **protecting institutional reputation comes before patient safety**.

In both cases—whether in *The Good Nurse* or the NHS—**the real killers weren't just the individuals committing the acts, but the administrators who enabled them**.

Lucy Letby may or may not have committed the crimes she was accused of—but what is undeniable is that **if hospital negligence played a role in these deaths, there would be no record of it**. Just like in *The Good Nurse*, where hospitals let a killer walk free rather than face legal scrutiny, **NHS administrators ensure that medical negligence is never written down in the first place—making real accountability impossible**.

This is not just **a flaw in the system—it is the system**.

5. The Government's Multipurpose CMS: The DWP Oxymoron

At some point, **somebody convinced the UK government to pay for a deeply flawed, archaic CMS—and then mandated its use across every government department**.

This isn't just **a poor IT decision—it's a textbook example** of how **government inefficiency actively harms people**, sometimes in ways that **worsen suffering for the most vulnerable**.

Michael Lewis, in *The Premonition*, describes how the **CDC's failure in handling COVID-19** wasn't just incompetence—it was the **result of disconnected government departments operating in silos, failing to share solutions even when one had exactly what another needed**.

The UK government's **multipurpose CMS** is a perfect, modern-day example of this.

Let's **compare two very different groups of people** using the **same, broken** system:

1. **Innovate UK applicants**—entrepreneurs, researchers, and companies, mostly **healthy, sitting comfortably in their offices, writing proposals**.
2. **Department for Work and Pensions (DWP) claimants**—people who are **injured, disabled, in pain, struggling to access benefits they desperately need**.

Both groups **use the same CMS**—but here’s the catch: **Innovate UK spent a few hundred pounds paying a programmer to fix a basic issue with special characters**.

Meanwhile, **DWP has left its version completely unfixed**.

- **Why was the CMS ever built without handling basic special characters (like £, “, and –) in the first place?**
- **Why did Innovate UK get the fix but not the DWP?**
- **Why are injured, disabled, or financially struggling people forced to battle a system that constantly crashes, rejects uploads, and breaks down?**

We have **over 10 hours of video documentation** showing how this broken CMS makes life hell for claimants.

- **Bug reports were submitted—no response.**
- **Complaints were raised—no action taken.**
- **The system is so bad it raises the question: Is this deliberate? If claimants can’t use the system, they can’t claim benefits.**

So **why does Innovate UK think its CMS is anything special?** It’s just a **slightly less broken version** of the same government-wide failure. The **real scandal** isn’t just that the CMS is **outdated and dysfunctional**—it’s that the **government refuses to apply simple fixes across all departments, even when they already exist**.

This is why **we need a system designed for the modern age**—not just to **fix grant applications**, but to **ensure that technology serves the people who need it most**.

And that brings us to **S-Web 6 VC AI CMS**—a **solution built to replace the outdated mess Innovate UK and the rest of the government rely on**.

(The following bullet points have a few errors for example when it says one has to rely on handmade graphics when actually you can’t even rely on those)

6. S-Web 6 VC AI CMS – A Much Stronger UKRI Validation Process

The Critical Failures of the Current UKRI/Innovate UK CMS

The **current CMS system** is **archaic, restrictive, and incapable of serving modern innovation needs**. Instead of **enabling transparency, collaboration, and validation**, it **forces all applications into a rigid, form-based structure that stifles creativity and accountability**.

Here’s what it **cannot do**:

Lack of Dynamic Content & Validation Features

- **Only allows text-based entries**, with images restricted to **PDF attachments**—limiting the ability to **convey complex ideas effectively**.
- **No video integration**—applicants cannot **demonstrate prototypes, showcase presentations, or explain ideas visually**.
- **No ability to add links** that provide further context, research papers, technical documentation, or **external validation sources**.
- **Cannot generate interactive graphics** to visually explain data, concepts, or market validation.

- **No AI-powered validation process**—there's **no way for an AI system to pre-score applications**, detect **weak research**, or flag **AI-generated nonsense**.

Lack of Collaboration, Research Integration & AI-Powered Networking

- **No collaboration systems built in**—applicants cannot work **across teams**, collaborate with other researchers, or **build upon** existing submissions.
- **No networking features**—it fails to connect **applicants, researchers, and potential partners** within the **UKRI ecosystem**.
- **No ability to cross-reference or integrate research**—a **Swapping Menus Function** could allow different teams to **pull validated data from other applicants** who are willing to share their research, **creating a collaborative innovation framework**.
- **Not integrated with CRM (Customer Relationship Management) or OKR (Objectives & Key Results) systems**—making it **useless for tracking long-term project milestones or evaluating performance**.

No Public or Private Showcasing of Innovation

- **Does not create online web portals**—completed applications **vanish into a static database**, rather than **being turned into permanent, living project profiles** that could attract future investors, partners, or policymakers.
- **No ability to generate private, password-protected investor presentations**—applicants cannot **professionally showcase** their work to **VCs, angel investors, or government bodies** post-application.
- **No mechanism for Innovate UK to extract the best results** and showcase them on **public descriptions, UKRI reports, or external platforms**.

Technologically Outdated & Not Future-Proof

- **Not a voice-command system**—users **must type manually**, rather than being able to dictate applications and **navigate the CMS hands-free**.
- **Not integrated with generative AI**—it **cannot assist applicants in improving their applications** with intelligent AI recommendations, structured formatting, or grammar and clarity enhancements.
- **Cannot generate images, diagrams, or AI-powered visual content**—leaving applicants to rely on static, manually-created graphics.
- **Cannot generate videos, voice-overs, or AI-powered demos**—meaning applications lack **engaging, media-driven explanations**.
- **Cannot create an app!**—despite UKRI funding cutting-edge **digital solutions**, its own **CMS lacks the ability to support app-based projects or integrations**.

Fails to Enable Complex, High-Impact Competitions

- **No way to create AI-driven competitions** that foster **economic breakthroughs**, where **each entrant plays a role in a larger collaborative framework**.
- **No ability for entrants to interact, learn from each other, suggest improvements, or refine their applications based on real-time feedback**.
- **No direct integration with UKRI's website or app**, meaning **UKRI and Innovate UK exist in isolated silos, missing opportunities to create a unified innovation ecosystem**.

How S-Web 6 VC AI CMS Fixes This

The **problem with Innovate UK's current CMS** is that it **forces innovation into text-based boxes**, preventing **applicants from showcasing their ideas effectively**. The solution? **S-Web 6 VC AI CMS**, which is **designed to solve every major problem** in the current system.

Applicants Build Websites Instead of Static Forms

Instead of being **limited to rigid text-based forms**, applicants can create **dynamic, interactive presentations** that:

- **Allow multimedia integration, real-time validation, and structured presentations.**
 - Imagine submitting a **fully realized software tool like Nudge CRM AI**. Instead of forcing applicants to describe it in **text**, they can **create a dedicated page**, complete with **screenshots, videos, and technical demonstrations**.
- **Make applications much easier for judges to evaluate.**
 - *A picture paints a thousand words, a technical drawing even more.*
 - Right now, Innovate UK **only allows images as PDF attachments**, which means **judges must dig through PDFs instead of seeing images in context**.
 - Before, **only the best English writers won grants**. Now, with **generative AI**, **it's about who can phrase things the best with ChatGPT**—not who actually has the best idea.
- **Where a picture paints a thousand words, a video paints a million.**
 - Look at our **13-minute GP-AI Gatekeeper video**.
 - In just **a quarter of the time it would take to read a 10-page application**, you can **fully understand the concept**.
 - This video took **two weeks to produce in Descript**.
 - *For dyslexic applicants, text-based applications are an unnecessary barrier.* (I personally had this issue in **technical college photography**, where my **work was chosen by the college as the best**, yet I **failed the course because 50% of the mark relied on an English review of one's own work**.)

S-Web: A 20+ Year Pedigree in CMS Design

Innovate UK's **current CMS isn't just outdated—it's behind what we were doing in 2002**.

The Proven Track Record of S-Web

S-Web 1 (2002):

(inside <https://www.capevillas.com> - <https://www.capevillas.com/Classic-Website>)

- Designed to **allow every office member to upload and modify property listings in real-time**.
- Included **photograph and virtual tour uploads**—functionality that **Innovate UK's CMS still lacks today**.

S-Web 1.2 (2006):

- Evolved into a **fully integrated booking system** with **villa owner access, real-time property reviews, and advanced search functions**.

S-Web 2 (2010):

- Introduced **full project and website duplication** for **affiliate resellers**, allowing them to **launch fully stocked websites without manually uploading products**.
- Unfortunately, due to **poor bug reporting between users and developers**, this system was **eventually scrapped**—a lesson that shaped later iterations.

S-Web 3 (2013):

- **Redesigned from the ground up**, allowing **access to old databases** while integrating **AI-based scoring systems**.
- Introduced **CMS logic**, assigning **point-based scores** to product features.
- Example: **Seven types of swimming pools** were categorized from *Dip Pool (20 points)* to *Spectacular-Length Pool (200 points)*. The **AI could auto-generate property ratings** based on multiple factors, mimicking a **real-life expert evaluation**.

S-Web Development 2015 - 2016

https://www.s-web.org/The_S-World_Algorithms.php#Algorithms_Part_2

S-Web 4 (2016) – The Birth of Nudge CRM AI

- **CRM integrations**—introducing the ‘**My Favourites, My Website**’ feature.
 - Villa Secrets - Create your client their own Web Page (54 Seconds)
 - <https://www.youtube.com/watch?v=5utbR9FWr-s>
- **The Psychology of Group Decision-Making:**
 - Whether it’s **a corporate boardroom or a group of families choosing a villa**, decision-making is **often chaotic**.
 - If **one person** in that group has a **far superior presentation tool**, they **influence the entire group**—and that’s **exactly what we built**.
 - In **under 15 seconds**, a user could **turn their favourites list into a dedicated web page**—complete with **comments, sharing features, and group feedback functionality**.
 - The result? **A fully interactive tool that guided the entire group into making decisions using one system**.
 - **This was the beginning of Nudge CRM AI**.
- **Automated API connections to suppliers**—allowing for **real-time pricing and inventory updates**.

The Villa Secrets Secret

Development **roadmap**: [Network.VillaSecrets.com](https://www.villasecrets.com)

S-Web 5 (2019) – The Ultimate Affiliate & Reseller System

- **The Experience Africa Experiment:**
 - By adding the **Experience Africa** menu to **Cape Villas**, the site **earned a \$10,000 referral**—proving the potential of a **multi-networked website ecosystem**.
 - This led us back to **S-Web 2’s original vision**—allowing **complete website duplication for affiliates**.
- **A Fully Integrated Affiliate Network:**
 - Instead of forcing resellers to **upload hundreds of products manually**, we built a system where they could **instantly generate an entire website**, customized with:
 - Their **own branding**
 - Their **own contact details**
 - **Automatic price updates and real-time inventory syncing**
 - The idea? **Hundreds of thousands of interconnected sites**, each run by **different businesses**, with the ability to **seamlessly swap and sell each other’s products**.

S-Web 5.1 Websites (2020) – The Birth of the Fastest CMS

- [Cape Villas](#)
- [Experience Africa](#)
- [Villa Secrets](#)
- [Luxury Safari](#)

- [Villas Café](#)
 - **Example:** [Cape Villas](#) (built on S-Web 5.1).
 - <https://www.experienceafrica.com/>
 - <https://www.villasecrets.com/>
 - <https://www.luxurysafari.co/>
 - <https://www.villascafe.com/>
- **The Simplest Way to Build a Website – No Developers Required**
 - **Row-based structure** (instead of complex widgets) allowed **anyone** to build a **fully functional homepage in under a minute**.
 - Example: The homepage of [Lux Guides](#) was built in **51 seconds**. (See it in action: [S-Web CMS Demo](#))
- **The Future Vision: AI-Powered Website Creation by Voice Command**
 - Seeing how **easily websites could be made**, we realized:
 - **Why not build a system that lets users create an entire site using only voice commands?**
 - This idea was **set for S-Web 6**—but the **foundation was built in S-Web 5.2**.

S-Web 5.2 (2021)

- **A CMS for High-Level Presentations**
 - **Redesigned for non-travel applications**—with a special focus on **creating investor-ready pitch websites** for:
 - **VCs, government agencies, and grant applications.**
 - **Secure encryption for private competition entries.**
 - **Public Example:** [Nick Ray Ball's Personal Site](#) (Though mobile CMS navigation isn't enabled in this demo.)
 - **Encrypted Demo:**
 - URL: [S-Web 6](#)
 - **Username:** *Innovate UK*
 - **Password:** *UK1*

S-Web 5.2: (2025) The Real Example of How Applications Should Be Presented



Coming in March 2025, SiennaAI.net will showcase how a modern grant application should look. Instead of **text-based forms**, it will be a **fully immersive, interactive presentation of GP-AI Gatekeeper**, designed to **give judges a deeper understanding in a fraction of the time**.

This will be built on **S-Web 5.2**, which, while already **light-years ahead of Innovate UK's CMS**, is only a **stepping stone** to what comes next: **S-Web 6**. **S-Web 6 will not just be a better CMS—it will redefine the future of website and app creation.**

S-Web 5 has been built on an older version of PHP, which means that while it remains highly functional, it cannot be scaled into the future without a complete rebuild. We've known this for a while, and over time, we have been designing S-Web 6—not just as an upgrade, but as an entirely new foundation built on the latest technologies.

This is not just about improving what we already have. It's about **creating a brand-new system from the ground up, leveraging AI, cloud computing, and modern development frameworks** to do everything we always wanted to do, but were previously held back by the technological limitations of the past.

S-Web 6: The Next Evolution in AI-Powered CMS

While everything discussed above **demonstrates the power of S-Web 5.2**, it's crucial to recognize that this is **only the foundation**. **S-Web 6 is not just a CMS upgrade—it is a global disruptor in website and app creation, set to challenge WordPress and redefine digital infrastructure.**

The design for **S-Web 6 began at the end of 2022** and continues to evolve. Unlike previous versions, which were built on **legacy PHP systems**, S-Web 6 will be **cloud-native, leveraging platforms like Microsoft Azure** to deliver unprecedented **speed, efficiency, and AI integration**.

The Next Generation of CMS: AI-Entangled, Automated, and Dynamic

- The **future of search** will not be dictated by external engines—it will be **built directly into websites**. S-Web 6 will integrate AI into the sites themselves, making them **living, breathing ecosystems** that **dynamically update based on user interaction**.
- Guests leaving **reviews or feedback** will trigger **automated updates**, improving content **in real time**.
- The **Swapping Menus Function** will revolutionize marketing by **automating the optimization of content, distribution, and affiliate sales**.

For full details on **S-Web 6**, log in at:

🔗 [S-Web.org](https://www.s-web.org)

Beyond a CMS: A Disruptive Economic AI

S-Web 6 isn't just a revolution in travel, **it's an economic AI**. Our work has evolved from early concepts into a **macroeconomic AI framework**, entangled with projects that date back over a decade:

- 🔗 **S-World.biz (2011-2012)**: <https://www.s-world.biz>
- 🔗 **American Butterfly (2012-2013)**: <http://americanbutterfly.org>
- 🔗 **Angel Theory (2016-2020)**: <https://www.angeltheory.org>
- 🔗 **S-World.org (2021-2023)**: <https://www.s-world.org>

The Unexpected Evolution: From RSI to AI-Driven Software Engineering

In 2024, due to **repetitive strain injury and systemic failures within the NHS**, I could no longer use a keyboard. This **forced a shift to vocalizing development plans**, ultimately leading to a **deep exploration of modern software engineering**.

🔗 **S-Web 6 VC 🚀 'Sienna' AI CMS 🌀 for David Farley – Author of Modern Software Engineering:**
🎧 [Listen on Spotify](#)

But **when Spotify retired its CMS**, I lost the ability to edit episodes in segments. This pushed me toward a **new presentation style**, one that focused **not just on individual features, but on telling the full story of what would become Sienna AI and the UK Butterfly project—a true macroeconomic AI discipline with 14 years of history** embedded within it.

🎧 **Sienna AI UK Butterfly 2024**
🔗 [Listen on Spreaker](#)

S-Web 6: A Call for Collaboration & Funding

We are not just showcasing S-Web 5.1 in March—we are **building S-Web 6** to redefine how websites, applications, and economic AI function in the future. To do this, **we are seeking collaboration, funding, and partners** who see the potential of an **AI-powered CMS that surpasses anything in existence today**.

This is what Innovate UK, UKRI, and the **entire UK government funding system must embrace**. The **future of innovation cannot be built on a form-based CMS—it must be dynamic, AI-powered, and globally scalable**.

The Conclusion: A Unified Vision for UK Innovation with Sienna AI

Right now, **UKRI's innovation framework is fragmented, inefficient, and failing to realize its full potential.** The **£8 billion annual budget** is scattered across **hundreds of disconnected projects**, each one treated in **isolation**, never truly coming together to **build something greater than the sum of its parts.**

But what if it **did**?

What if, instead of **funding a collection of disjointed experiments**, UKRI operated like **a master architect—curating, connecting, and entangling** every funded project into **one singular, world-changing vision**?

That's what **Sienna AI and S-Web 6** can enable.

From Individual Projects to a Unified Ecosystem

Take medical AI. A while ago, I spoke with **a multi-competition-winning company** specializing in **AI-powered medical scanning technologies.** Their work was impressive—but it was just **one of many, many teams across the world working on the exact same thing.**

Will their work lead to a breakthrough? Maybe. Will it be patentable? Probably not. Will it even be remembered in five years? Unlikely.

But now imagine if **all of these grant-winning medical AI projects—every fragmented piece of research UKRI has ever funded—were brought together into something truly revolutionary.**

Imagine a world where **the technology developed in these projects isn't just published in an academic journal and forgotten, but actively used in a national AI-powered medical system.**

Take **GP-AI Gatekeeper, Stage 16**—a future concept where **you receive the results of your medical scan before you even put your shoes back on.**

Is this possible? Yes.

The scan itself happens in seconds. The **data can be instantly fed into AI models** built using **the very same AI-powered scanning technology that UKRI has already funded.** The results are returned, **analyzed in real-time,** and before the patient even leaves the scanner, **they know what the next steps are.**

This is the kind of **breakthrough that changes lives.**

But right now? **This can't happen.**

Because **UKRI doesn't own the technology it funds.**

It **doesn't** see the value in **bringing all these pieces together into a larger framework.** It **doesn't** think in **ecosystems.**

And that's a mistake. A **fundamental, catastrophic mistake** that is keeping **UK innovation from reaching its true potential.**

The Problem is the System Itself

Using **Sienna AI (S-Web 6)** instead of a **basic CMS that we outperformed in 2002,** the entire **UKRI funding system could be transformed.**

- **Instead of hundreds of disconnected competitions**, you create a **vision for the future and execute it**.
- **Instead of researchers working in isolation**, every funded project is **tracked, connected, and made accessible** to others working in the same space.
- **Instead of reinventing the wheel again and again**, the UK **builds upon itself**, rapidly accelerating breakthroughs by **collaborating, not competing**.

And it's not just about medical AI. **This applies to everything.**

Right now, **there is no central database** of funded experts.

Let's say you need **someone who specializes in programming AI APIs into OpenAI's system**.

Or you need **someone who can replicate OpenAI's technology altogether, like DeepSeek**.

You'd think **UKRI's existing network would have this covered**—after all, it has funded **thousands** of research projects.

But **you'd be wrong**.

Because **there is no searchable network, no direct collaboration system, no way for researchers to actually connect**.

Instead, **it's deliberately siloed**, and one might even argue **this is intentional**—because it ensures that the **same small groups keep winning grants again and again**, with **no accountability, no synergy, and no progress toward a larger goal**.

The UK Needs a Real Innovation Ecosystem

Instead of all these **disjointed, easily forgotten projects**, with **Sienna AI and the OKR system**, the UK could **build something extraordinary**.

And this system wouldn't just **advance UK innovation**—it would be **commercially viable** worldwide.

Because a **fully integrated, AI-powered, collaboration-first innovation platform doesn't exist anywhere else**.

With **Sienna AI**, the **UKRI budget wouldn't just fund individual projects**—it would **fund the future**.

This isn't about **funding better research**. This is about **creating the ecosystem that makes world-changing breakthroughs inevitable**.

This is how **the UK stops lagging behind**.

This is how **the UK leads**.



The question isn't whether UKRI should do this.



The question is: How long will they wait before they realize they must?

Final Thoughts

This is **before we've even touched macroeconomic AI**. This is **just the beginning**.

The **real transformation begins when UKRI stops thinking about short-term grant cycles and starts thinking about engineering a new world.**

And **that's exactly what we're building.**