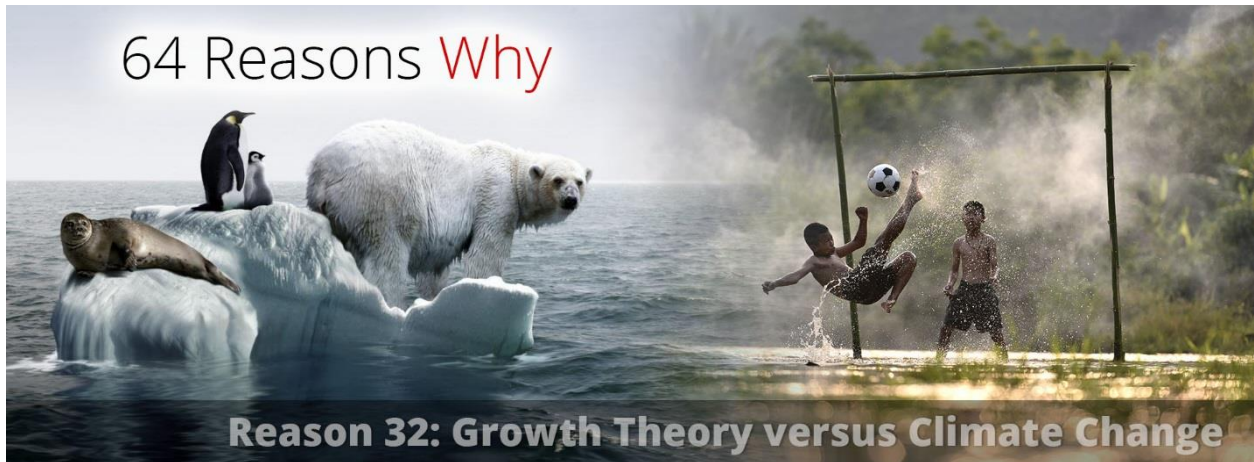


## 64 Reasons Why Index and Summary



*By Nick Ray Ball 24<sup>th</sup> January 2019*

This chapter is in two parts. Part One - Points 1 to 16, telling the story of 58 Reasons Why the S-World Malawi Network plan is good for Malawi and the world in very brief points in under 2000 words. These points are a summation on previous articles, hence can be presented quickly.

[www.AmericanButterfly.org/Special-Projects-2012](http://www.AmericanButterfly.org/Special-Projects-2012)

[www.AngelTheory.org/Special-Projects-2017](http://www.AngelTheory.org/Special-Projects-2017)

[www.AngelTheory.org/Special-Projects-2018](http://www.AngelTheory.org/Special-Projects-2018)

Where after, Points 17 to 22 are new to Angel Theory and are told in more detail; and indeed, at the very end, becomes a running commentary on the latest S-World thinking.

For simplicity, I have only assigned one reason per new point. However, in practice, a number of reasons are found per point, and in its retelling the document will likely change to 100 Reasons Why.

## Growth Theory Externalities



In the language of modern economists, 'externalities' are unintended consequences or effects of an action that was not what the point of the exercise. There are many bad externalities, the plastic in our oceans is an externality of trade. No one puts any plastic in the oceans on purpose, but they say soon that there will be more plastic than fish. Climate change is another externality. No one drives from 'a' to 'b' or powers a factory to deliberately increase the carbon in the atmosphere. But it happens nearly every time, and now the math tells us this situation is past critical.

But there can also be good externalities, and this chapter presents 64 examples. Where unless one was a crook, a poacher, a carbon emitter, or an unbelievably corrupt politician; all are good, from conservation to advancing human potential, from eco-cities built with carbonless footprints to equality, from global cooling to global knowledge and healthcare.

64 different externalities created as a result of our own blend of growth theory, philanthropy, technology, ecology, and science; the S-World Network. And because we can use the high-octane financial engineering product, [the RÉŚ Equation](#) (Revenue x Efficiency x Spin), all can be spectacularly well-funded; and this leads to the end of many current problems, especially for the poorest 10% of the population. Which in turn is one of, if not the hardest, the long-term problems facing climate change experts today.

## Special Project 1. Experience Africa (Reason 1)

Conservation, Protect Elephants and Rhinos from the Ivory Poachers.

Bono malum superate. (Overcome evil with good.)

So, as Cicero defined pirates in Roman law as being enemies of humanity (hostis humani generis), the same should be written about Ivory Poachers.



## Special Project 2. The Ecological Experience Economy (EEE) (Reason 2)

The Ecological Economy & the First Law of S-World, Grand Network Developments (Charter City 2.0s). Developments must create a zero-carbon emission footprint or pay a heavy Carbon Tax.



Primus inter pare (First among equals -- a title of the Roman Emperors), is an apt description of the first law of S-World...

Aut viam inveniam aut faciam (I will either find a way or make one) -- said by Hannibal, the great ancient military commander.



### Special Project 3. Advancing Human Potential (Reasons 3 to 8)



Disce quasi semper victurus vive quasi cras moriturus. (Learn as if you're always going to live; live as if tomorrow you're going to die.)

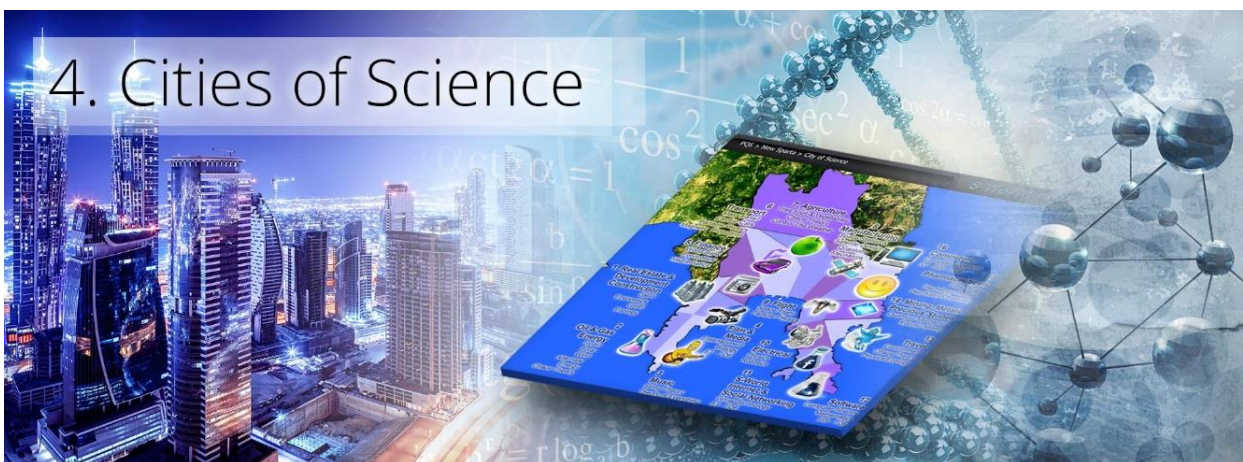
Category Inspired by the Chan Zuckerberg Initiative

- ✓ Special Project. 3a S-World UCS™ **Training Games** such as S-World UCS™ 'Villa Mogul' (Reason 3)

Non omnia possumus omnes. – 'We can't all do everything.'

- ✓ Special Project 3b. S-World VSN™ **Virtual Education & The Training of Nations** (R.4)
- ✓ Special Project 3c. **Providing Internet to the last half billion** (R.5)
- ✓ Special Project 3d. **Provide Electricity across Malawi, Africa et al.** (R.6)
- ✓ Special Project 3e. **First Create S-World Malawi Soccer Leagues** (R.7)
- ✓ Special Project 3f. **Creating a Learning Society** by Joseph E. Stiglitz (R.8)

### Special Project 4. Cities of Science (Reasons 9 to 18)

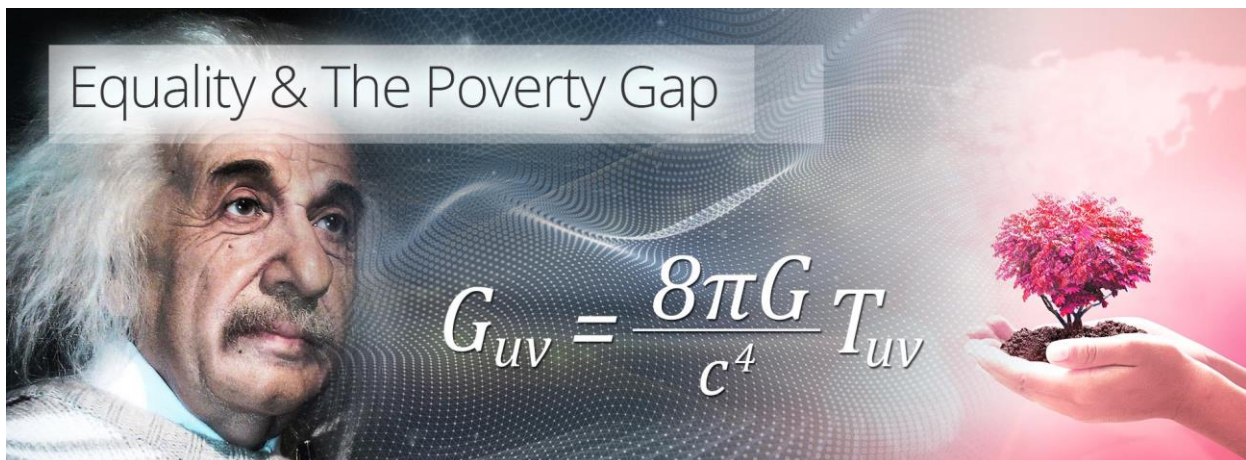


In 2011, the first Grand Network design was created; a large technical eco-city in Southern Greece. This idea developed into Grand Networks. Today, Grand Networks may be best summarised as Charter City 2.0 designs; the best practices and practicalities from Paul Romer, the Marron Institute et al., and the technology, network strategy, branding, and

financial engineering from S-World 2011 to 2018.

- ✓ Special Project 4a. **New Sparta – City of Science** & the Florida Networks (2011 to 2013) (Reason 9)
- ✓ Special Project 4b. **Shaping the Future**  
S-World UCS™ Voyagers and the Angel Cities – Simulated Economic Time Travel, the Feynman Sum Over Histories, and Future Earth Target Simulations 2032, 2048, and 2080 (R.10)
- ✓ Special Project 4c. **Angel City 1. Jobs lead to...** (R.11)
- ✓ Special Project 4d. **Network Cities – Many Countries, One Network City** (R.12)
- ✓ Special Project 4e. **Charter Cities 2.0** – Created countrywide and must adhere to the 1<sup>st</sup> Law of S-World, and that Grand Networks (Charter City 2.0s) are not colonial. (R.13)
- ✓ Special Project 4f. **Infrastructure** (R.14)
- ✓ Special Project 4g. Angel City 2 - Simulation in 2024, Grand Network and a request for assistance to the ~~Bill and Melinda Gates Foundation~~. (R.15)
- ✓ Special Project 4h. Angel City 3 – 2032 Simulation, ~~Grand Network~~ and an invitation to the **Chan Zuckerberg Initiative**. (R.16)
- ✓ Special Project 4i. Angel City 4 - 2048, **MARS Resort 1. Charter City 3.0** with invitations to **Elon Musk, Jeff Bezos, Richard Branson, and Paul G. Allen** (R.17)
- ✓ Special Project 4j. Angel City 5 – 2080 - Tells a tale of two future 2080s; one with and one without the S-World Network hypothesis. And the S-World mantra per Isaac Asimov's prescription:  
"You may not predict what an individual may do, but you can put in motion things that will move the masses in a direction that is desired, thus shaping if not predicting the future." (R.18)

## Special Project 5. Equality & The Poverty Gap (Reasons 19 to 26)



- ✓ Special Project 5a. Angel POP 2012 – An **African Growth Macroeconomic Law** (Reason 19)
- ✓ Special Project 5b. Angel POP 2017 – **Grand Networks in Locations of Extreme Poverty are Special Projects** (R.20)



- ✓ Special Project 5c. **Convergence for the Bottom Billion** (R.21)
- ✓ Special Project 5d. **Equality Matters - Malawi owned by Malawi**  
Is to avoid S-World industry and real estate in Malawi being mostly owned by foreign investors. (R.22)  
This is primarily a POP function, each company has a point of profitability after which it must invest into a new company, half owned by local citizens who will be the key personnel. Skip to '[Super Coupling](#) - 1.01 - The Hawking-Green Equation and The Green Symmetry to see how, over time, this massively dilutes the original investor's ownership of the network.
- ✓ Special Project 5e. **Equality between Malawians** - Avoid local inequality between the citizens of a country. (R.23)
- ✓ Special Project 5f. M-System 3. The Susskind Boost – Financial Engineering Analogy from String Theory - **Boost the Weakest Companies** (R.24)
- ✓ Special Project 5g. M-System 4. The Peet Tent – More String Theory Financial Engineering – **No Company Can Fail, unless the whole lot falls.** (R.25)
- ✓ Special Project 5h. **Female Equality** – Changes the future economic status of females in locations of extreme poverty, from less than males to more than males. (R.26)

## Special Project 6. Sienna's Forests (Reasons 27 to 29)



- ✓ Special Project 6a. **Start Charter City 2.0 projects by choosing countries with an abundance of poorly kept farmland, and by returning half the land to nature reserve, and create a carbon-free footprint.** (Reason 27)
- ✓ Special Project 6b. **Buying or planning forests in compensation for Grand Networks that disturb nature** and the commoditization of rainforests. (R.28)
- ✓ Special Project 6c. **Buying and closing coal mines** in general and in compensation for Grand Networks that disturb nature. (R.29)

## Special Project 7. Global Cooling (Reasons 30 to 34)



Memores acti prudentes future. (Mindful of what has been done, aware of what will be.)

- ✓ Special Project 7a. **The Carbon Tax** – A viral and political approach to promoting a Carbon Tax. (Reason 30)
- ✓ Special Project 7b. **Creating a Carbon-Free Africa, Asia, and Latin America** (R.31)

- ✓ Special Project 7c. Featured Project – Reason 32:

### **Growth Theory versus Climate Change**

The Elephant in the Room

How on Earth Can Growth Theory be Good for Climate Change?

Looks at how the two 2018 Economic Nobel Award winners - William Nordhaus and Paul Romer's growth theory specializations – Promoting Urban Growth and Reducing Climate Change can be unified in one Carbon-Free solution. (Reason 32)

- ✓ Special Project 7d. **How to promote Tesla and other Carbon-Free Vehicles?**  
Each property, be it built for the S-World personnel or sold to the public, residential real estate, industrial, or commercial; can be marked up by 6.25% which creates a budget for at least one electronic car per property, often many. (R.33)  
An extremely profitable endeavour, if we can apply the RES Equation!
- ✓ Special Project 7d. **The S-World GT – Autonomous Carbon-Free Vehicles**  
An invitation to Google to combine with Tesla to create autonomous vehicles for S-World Grand Networks, and to start their own Charter City 2.0/Super-Googleplex. (R.34)



## Special Project 8. Universal Knowledge (Reasons 35 to 37)



Non scholae, sed vitae discimus. (We learn not for school, but for life.)

Scientia ipsa potentia est. (Knowledge itself is power.)

- ✓ Special Project 8a. **University Charter Cities 2.0** – Whole Cities Dedicated to Learning (Reason 35)
- ✓ Special Project 8b. **Schools, Colleges, Universities, Operations Centres, and work Based Training** within all Grand Networks. (R.36)
- ✓ Special Project 8c **S-Web.edu** – Free S-Web Framework Websites for Students and Professors, and Authors (R.37)

## Special Project 9. Spartan Contracts - Jobs, Jobs, Jobs (Reasons 38 to 42)

Laborare pugnare parati sumus. (To work, (or) to fight; we are ready.)



- ✓ Special Project 9a. **Jobs in Grand Networks and Start-up Towns** (Reason 38)
- ✓ Special Project 9b. **Four and Five-Star Social Housing** (R.39)
- ✓ Special Project 9c. **Spartan Suburbs** (R.40)



- ✓ Special Project 9d. **Welfare for Spartans' Home Villages** (R.41)
- ✓ Special Project 9e. **Spartan Sports and Education** (R.42)

## Special Project 10. Global Healthcare (Reasons 43 and 44)



- ✓ Special Project 10a. **Super University Research Hospitals** (SURHs) (Reason 43)
- ✓ Special Project 10b. **Limiting Antibiotics** (R.44)

## Special Project 11. African Rain (Reasons 45 and 46)

In aqua sanitas. (In water there is health.)

Per angusta ad augusta. (Through difficulties to greatness.)



- ✓ Special Project 11a. **A Mass Solar Desalinization Project** (R.44)
- ✓ Special Project 11b. S-World **Water** (R.45)
- ✓ Special Project 11c. S-World **Water** x **RES** (R.46)

## Special Project 12. Their Oceans (Reasons 47 to 50)



Non progredi est regredi. (To not go forward is to go backward.)

- ✓ Special Project 12a. **Create Biodegradable Packaging for all S-World companies** (Reason 47)
- ✓ Special Project 12b. **Plastics banned from Grand Networks** (R.48)
- ✓ Special Project 12c. **Create Biodegradable Packaging for African and Asian companies** (R.49)
- ✓ Special Project 12d. **Defend the Rivers** (R.50)

## Special Project 13. Middle Earth (Reason 51)



A plan to build underground habitats in case of ELEs, or in cold locations. Not perused due to high cost, may be useful at MARS Resort 1.



## Special Project 14. The Population Point (Reasons 52 to 54)



Lex parsimoniae (Law of succinctness -- also known as Occam's Razor, the simplest explanation is usually the correct one.)

- ✓ Special Project 14a. If we can use RÉŚ - **Bring Africa rapidly up to Western economic financial levels**. Because in prosperous locations, population growth is mostly static. (Reason 52)
- ✓ Special Project 14b. **Give UCS™ bonus points and Network Credits to those with one or no children.** (R.53)
- ✓ Special Project 14c. **Use S-World Films and VSN™ Education and UCS™ Gaming to teach the best economic practice of not having many children and in general social responsibility.** (R.54)

## Special Project 15. The Spartan Theory – Peace on Earth and other Essays (Reasons 55 to 57)



Audere est facere. (“To dare is to do.”)

- ✓ Special Project 15a. **Dictate No More** (Reason 55)
- ✓ Special Project 15b. The Fort Malawi Garrison – **Fighting the Ivory Poachers** (R.56)

**Semper fortis** (Always brave)

The Spartan Theory is whatever will bring peace; from dictators stepping down from politics to live and have some small say over a new Grand Network Charter City in their country, to all countries pitching in to the fight against poaching, and fighting side by side against a common enemy, in an S-World UCS™ game designed to bring nations together.

- ✓ Special Project 15c. **S-World Films** (R.57)

The Spartan Theory itself and EEE - The Ecological Experience Economy -were built upon the back of an idea for a film trilogy I wrote in March 2012. And since, the film making concept has endured and is now merged as the front end of S-World BES™ Behavioral Economic Systems. The general idea being that we make broadcast videos, series, and films about topics that need promoting; but do so in an entertaining way as possible. From asking Lee Child to include the busting of a clandestine ivory poaching ring in his next Jack Reacher book, to an adaptation of my Angel City 5 trilogy, to a great many documentaries, films, and series about climate change and environmental issues. Whatever story needs telling will be conceptualised and worded by S-World BES™ then told by S-World Films.



## Special Project 16. Universal Colonization (Reason 58)



Parvis imbutus tentabis grandia tutus. (Once you have accomplished small things, you may attempt great ones safely.)

This is the ultimate achievement in the S-World UCS™ MMO game. The ultimate special project, flying ourselves to the stars in a fleet of ships, spreading our complexity across the galaxy, ensuring our survival come what may.

- ✓ MARS Resort 1. **A Grand Network (Charter City 2.0) on MARS by 2048** (Reason 58)  
The idea for the RÉŚ Equation and choosing to make a number of smaller cities for separate organizations, not just one big city for many, are results of a very pleasurable few weeks detailing MARS Resort 1. At the time, December 2017, MARS Resort 1 was half for fun and half for a future presentation to Elon Musk. But when a workable version of RÉŚ popped out, it set the stage for the Malawi Network and all the work since January 2018.

End of the original 16 Special Projects

[www.AmericanButterfly.org/Special-Projects-2012](http://www.AmericanButterfly.org/Special-Projects-2012)

[www.AngelTheory.org/Special-Projects-2017](http://www.AngelTheory.org/Special-Projects-2017)

[www.AngelTheory.org/Special-Projects-2018](http://www.AngelTheory.org/Special-Projects-2018)

## Special Project 17. S-World AE™ – Aid Efficiency (Reason 59)



Aid has only recently been included in the S-World Network hypothesis after studying 'Poor Economics' by Abhijit V. Banerjee and Esther Duflo, 'The Fall of Nations' by Daron Acemoglu and James Robinson, and 'The Bottom Billion' by Paul Collier. In general, the reason for its inclusion is that if \$140 odd billion is given each year, and in some cases like Chad where only 1% gets to where it was supposed to; then, if aid is a must, as 'the people want to give,' then it is better deployed to the Malawi Network, given that the software framework prevents corruption or boosts aid delivery and effectiveness in 6 different ways:

1. The TBS™ (Total Business Systems) - Tracks and often controls all flows of money between network business and government projects.
2. The ŘÉŠ Equation - Sees more than 90% of money inflows directed to TBS™ tracked businesses or operations.
3. S-World BES™ (Behavioural Economic Systems) Observer – Massively, publicly reports everything that should be reported, both the highs and the lows, focusing on the individuals.
4. Well, before 2024, S-World UCS™ (including such systems as S-World VSN™, the TBS™, ŘÉŠv4™, and S-World DCA™) will have simulated the entire years' operations in great and intricate detail. A supercomputer can create 200 quadrillion (or 200 with 15 zeros) calculations per second. So, with billions of quadrillions of different histories and 200 quadrillion alternate courses of action created every second, the spending of aid and all other revenue will be very well considered indeed. And well considered is well monitored.

All deviations from the initial simulation are turned into contingencies on the fly, so we can be very sure of what to do and will have planned for every variation at every



juncture.

5. S-World VSN™ (Virtual Social Network) provides the visual framework, and actually turns the entire Malawi Network into an MMO (Massively Multiplayer Online) game, which is used to design the physical network, from single homes to entire cities. **The entire development, going many years into the future, will be first created online** in a game like no other.

The point for improving aid is that **the whole Charter City and all the businesses are very public**. And I know from great books like 'The Bottom Billion' and in particular 'Poor Economics,' that **when people are watched, they are far less tempted to be corrupt**.

S-World VSN™ is, in many ways, another way to display the S-World BES Observer results.

6. Lastly, the RÉSv4 financial engineering (Chapter 4) sees that, over time, **aid money is recycled and re-spent within the network**. For instance, a \$1 billion aid inflow in 2024 creates over \$5 billion in actual cash flow that year; which in turn creates about \$2.5 million in GDP, at least half of which will be spent on the 64 Special Projects this chapter presents, from electricity to education, from infrastructure to welfare, all created in a climate change friendly way.

Then, due to the LCR - the Law of Conservation of Révenue, and especially when É is high, aid given in 2024 will become additional cash flow in 2025, 2026, and beyond; adding to the already significant results delivered in 2024.

This is a benefit to aid organizations in two ways. First, they genially see more good done than in any non S-World economy. And second, the public sees how well the aid agency is doing and donates more.

And because the public wants to see their money work the hardest, aid agencies across the globe will flock to S-World ventures. It's not out of the ballpark to suggest that 10% of all aid (about \$14 billion) will wind its way to S-World in 2024, and certainly 1% as is currently factored.

## Special Project 18. S-World Food &amp; Give Half Back (Reason 60)



S-World Food alongside S-World Power, S-World Water, and S-World Healthcare will, in time, join S-World TBS™, VSN™, BES™ Films, and UCS™ to create the first 8 Super Projects. Super Projects are different from Special Projects because they are/can be/will be commercial projects. They can all become profitable albeit the current plan, in the early days and maybe for decades, is for S-World Food, Power, Water, and Healthcare to be essentially philanthropic Special Projects. And only once the economy is healthy by Western standards, should they become income creating.

These projects share in a 3.125% licence fee applied to all Grand Network companies and receive about half this fee from all Virtual Network companies. If the network is massive, then the income from the Super Projects will be equally massive. For instance, in the most recent 'RÉS-v4 Man. 2024>80' S-World Malawi simulation, we see that the 3.125% adds to \$23 billion in ten years, \$84 billion by 2040, and \$452 billion by 2050. Sure, this is a more optimistic than pessimistic simulation, but a pessimistic simulation will see the same just on a longer timeline.

So, we are talking about well-funded ventures. We have already seen healthcare, water, and power. And each of S-World TBS™, VSN™, BES™ Films, and UCS™ has its own book in the first Angel Theory Volume – Paradigm Shift. So, we are just left with S-World Food without a description.

However, until I (and others) start to work on the S-World DCA™ (Dynamic Comparative Advantage) and other complimentary software, I can't say for sure if the Malawi strategy will be to grow food, import food, or a combination. But, at this juncture (8<sup>th</sup> Jan 2018), I am reversing my previous position and saying we should grow as much as we can, in Malawi, due to the worry of trade partners no longer buying our exports in



depression environments.

With this said, I am mindful of what Joseph E. Stiglitz says about dynamic comparative advantage in North Korea in his book 'Creating a Learning Society':

“It has become conventional wisdom to emphasize what matters is not static comparative advantage but dynamic comparative advantage. Korea did not have a comparative advantage in producing semiconductors when it embarked on its transition. Its static comparative advantage was in the production of rice. Had it followed its static comparative advantage (as many neoclassical economists had recommended), then that might still be its comparative advantage; it might be the best rice grower in the world, but it would still be poor.”

So, on the one hand, agriculture need not be high on the list for initial investment. It is better to make goods, services, and experiences and trade for food from mostly neighbouring countries. On the other hand, in 'Poor Economics' by Esther Duflo and Abhijit Banerjee, it is pointed out that simply by adding the right amount of fertilizer and some other simple farming techniques, the farming process can significantly increase the crop. And maybe this is a good use of aid inflows, increasing the amount of food in general at the rural village level, so decreasing the price.

And so, for now, the plan is to work on a sliding scale, initially mostly helping farmers increase the yield via cash flow created via aid. And, as the years go by, S-World Food will start buying half ownership in farms and applying modern farming methods, including state-of-the-art machinery and vehicles, so further increasing the supply of food, and becoming relatively self-sufficient

Eventually, when Malawi sees Western levels of prosperity, S-World Food, Power, Water, and Healthcare can change from Special Projects (that are either free or subsidised) to Super Projects in their own right that follow a path similar to the efficient market hypothesis, and charge a fair price for their goods. And when that happens, they will join Super Projects 1 to 4 and combine their Give Half Back income to assist whatever projects or countries are most in need.

All are 'teach a woman to fish' enterprises that need assistance at first but eventually become self-sufficient.

## Special Project 19. Is it Safe? (Reason 61)



What I know about Malawi, which influenced my decision to choose Malawi, was not learned from reading books or online research. It was from knowing the people. And in particular, a man called Max who transformed from the nicest and most hardworking of my domestic house managers into a lion when we played a game of football on Clifton Beach. In an event I call 'The Day Max Roared.'

In general, it's a well-known fact in South Africa that the best domestic personnel are from Malawi or Zimbabwe. But seeing Max that day made me realise that there was more to Malawians than being hardworking, nice, and trustworthy; under that exterior was potential to excel.

Maybe Max was an exception, maybe not. But for sure the Malawians are the most peaceful people I have ever met. And this is a big answer to the 'Is it Safe?' question.

In research since, Malawi is hardly mentioned in economic books. But I found this interesting article on 'PS. I'm On My Way'- <https://psimonmyway.com/is-it-safe-to-travel-to-malawi>.

"Malawi is commonly referred to as the warm heart of Africa because of its exceptionally friendly people who always open their doors to people whom they don't even know. In 2014, Lonely Planet ranked Malawi the 5th best country to visit in the whole world.

Malawi is one of the safest places in the world. Crime rate is extremely low and the carrying of weapons such as guns and knives is illegal."

All in all, Malawi sounds like one of the safest places on earth. But what about investment, is that safe?

If we can use RÉŚ (or an alternative such as the reserve rate), any investment is safe. Malawi has all by itself shown growth of 15% from its \$5.5 billion in 2016 to \$6.3 billion in 2017. This increase is, so far, the second highest I have ever heard of. The highest being 17% in Japan in the 1960s.

Exactly how much of this increase is an increase in reporting and how much is increased production is hard to tell; but either way, it's a good sign.

Next, we should consider the technology. The same systems presented in Special Project 17. S-World AE™ – Aid Efficiency (Reason 59) work just as well for investment as they do for aid, the TBS™ et al.; tracks the money, and each year's trading will have seen millions of S-World UCS™ simulations, some featuring billions of gazillions of different histories to choose from. So that come what may, we are always working to a premade plan. And given a supercomputer, we can create 200 quadrillion new alternate histories per second. And, in terms of general safety, the UCS™ Observer observes and reports everything that needs observing and reporting.

As for political safety, and for the concern that future governments may go back on promises regarding land rights and other matters, are the equality measures mentioned earlier.

- ✓ Special Project 5d. Equality Matters - **Malawi owned by Malawi**  
Is to avoid S-World industry and real estate in Malawi being mostly owned by foreign investors. (R.22)
- ✓ Special Project 5e. **Equality between Malawians** - Avoid local inequality between the citizens of a country. (R.23)

The two points above, alongside many others of the '64 Reasons Why,' serve to almost nullify the reason why an honest government would wish to interfere. And, in general, the richer a country, the more honest the government due to the institutions that are created.

As for charter conditions, as have been proposed by Paul Collier in 'The Bottom Billion' and presumably Paul Romer's team for the Honduras Charter City, from the sounds of it in the Honduras example, it caused contention. The Malawi Network hypothesis needs to be able to pay tax in Network Credits. And that's pretty much the only legislation required. In general, the idea so far is to leave the charter side of things to the experts. But in my hunt for cool Latin phrases, I found a line that stuck out. "Corruptissima re publica plurimae leges." (When the republic is at its most



corrupt, the laws are most numerous.) And with this in mind, maybe it's best to have as few rules as possible, so that there are few rules to be debated. And in so doing, the project would seem far less colonial.

Another interesting point I found relative to corruption, is that the richest Malawians are not that rich. Not the kind of rich we see from corrupt resource-rich countries.

And relative to politicians, those in office and in opposition would receive a significant pay rise, albeit as with all government expenditure paid in Network Credits.

Lastly, is the ability to turn it off! This was originally the North Korea solution. In that if the US were to make friends and would be happy to see a Grand Network in Korea, then for safety, in case of a reversal, it would make goods for trade that would be traded with S-World trade hubs. So that if there was a reversal, we could simply turn S-World Korea off. It would have no raw materials and parts to make things, and it would have no one to buy the things it made.

It would be a huge financial blow, mutually assured destruction. And because it is, it would be an effective deterrent.

This idea is now quite old; and since inspired by Dani Rodrik's 'Straight Talk on Trade' and 'Creating a Learning Society' by Joseph E. Stiglitz. The Malawi Network plans are very similar to the North Korea plan, not to provide a deterrent but simply as it's the best strategy; make your own dynamic comparative advantage and trade for everything else. So, like the North Korea plan, if the government reverses itself and breaks the rules, we can turn the network off. The trade hubs would simply stop supplying and buying, and the whole machine would grind to a halt... Mutually assured destruction!

Post script. (8<sup>th</sup> January 2019)

However, in testing of RÉŠ-v4 Man. 2024>80, a threat was realised, what happens to the trade hubs in a recession. It's fine if they trade lightly for exports, for profit in general. But if essential imports rely on exports (as was the 1<sup>st</sup> dynamic comparative advantage plan), then a hefty downturn (in non RÉŠ countries) would lead to less demand for 'like for like' exports. Then, the 'like for like' imports could not be afforded, and RÉŠ Malawi DCA-v1 would break down due to lack of materials.

One solution to this is for Malawi to seek to perform 'like for like' import/exports only with other countries who are running RÉŠ economies. As like Malawi, they can simply increase É and Š in depression environments.

In the long term, however, if the only RÉŚ economies are similar to Malawi's, then as we see in year 2076 on the RÉŚ-v4 Man. 2024>80 Controller at (BK:110), 50 very successful countries can only affect 3.8% of global GDP, whereas the US depression lost 30% of value.

Not nearly enough. However, if the currently rich and average countries created RÉŚ economic zones, so additional revenue could increase É and Ś, then the network could add 70% of value to the economy, which when targeted is enough to save any country (see BN:110).

Note that a fundamental law of S-World '[The Peet Tent](#),' that in general sees 3.125% of each trade, is used to boost the fortunes of the weakest companies; can be increased to more than 50% of Révenue in times of extreme economic catastrophe, such as the fabled hyperinflation told in Tim Delmastro's 'End of the Road: How Money Became Worthless' documentary. Which has, in terms of this decade, been suitably refuted in Paul Krugman's 'End This Depression Now!' but could happen in the future.

About 6 months back, the end of this book was a chapter on how the Peet Tent could be used en masse to fend of such an event. However, the math on the 'RÉŚ-v4 Man. 2024>80 Controller' is now telling us that this is only possible if the currently wealthy and average earning economies create their own RÉŚ powered economic zones.

To conclude, I note that the question of - Is Malawi a safe investment? - has via the various RÉŚ simulations been answered positively. And in the answer, a new question has formed, that of - 'Is the global economy safe' this century or at least until 2080? The answer, in general, in economics is no. No one is ruling out future depressions, the most severe of which could lead to a very different and undesired global outcome. However, should RÉŚ economic become widespread through all economies, then the outlook to 2080 and beyond is a lot more manageable and in all likelihood is a lot stronger.

## Special Project 20. S-World Angelwing AI – Software and Economics

(62 of 64 Reasons Why)

E pluribus unum. (Out of many, one.)



The S-World Economics Magnum Opus. (Great work -- said of someone's masterpiece.)

S-World Angelwing is the catch-all name for the many S-World software systems and designs, including the following: The TBS™ (Total Business Systems) and S-Web™, S-World BES™ (Behavioral Economic Systems), S-World Films™, S-World TMS™ (Total Marketing System), S-World TFS™ (Total financial Systems) S-World VSN™ (Virtual Social Network) and VBN™ (Virtual Business Network), S-World UCS™ Simulator et al., S-World AE (Aid Efficiency), S-World RES-v4™, S-World DCA™ (Dynamic Comparative Advantage), S-World PQS™ (Predictive Quantum Software), The Theory of Every Business, and others M-Systems.

Whilst each of the above is in itself a massive system, and some super massive, they are all part of the S-World Angelwing Economic Framework. So, 'E pluribus unum.' (Out of many, one.)



S-World Angelwing is the combination of all systems in the creation of economic and other future simulations. And to cut to the chase of why this is a 'Special Project' (which must be of benefit in some way), we need to first understand Chapter 5.

## **ŘÉS v4**

### High-Octane Financial Engineering

***Pecunia, si uti scis, ancilla est; si nescis, domina.***

(If you know how to use money, money is your slave; if you don't, money is your master)

One may download the PDF here: (Coming soon, check the website)

Or as may be simpler, watch the two videos and pay close attention to the end few minutes of the second video:

ŘÉS v4 (4.24) - Manual Simulation – Malawi 2024 to 2080 (31:09 Minutes) 15th Jan 2019

<https://youtu.be/9DY6Vph2eF8>

ŘÉS v4c (4.24) - RRT and ŘÉS Software Design Summary (12:57 Minutes) 13th Jan 2019

<https://youtu.be/tOne-h9fmlM>

And the 62<sup>nd</sup> Reason Why lies in the last ten years of the presentation - 2071 to 2080; in which if the West has (by this time) adopted a form of ŘÉS compatible economics or ŘÉS itself within the S-World network, then given the accuracy of the simulation; in the future, countries like Malawi will be wealthy and can pull together (and in fact, have to as it's a part of the Peet Tent law [see [www.angeltheory.org/An-Economic-Theory-of-Everything/](http://www.angeltheory.org/An-Economic-Theory-of-Everything/)]) to assist a country like the USA in case an 'End of the Road: How Money Became Worthless' event should happen.

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What started as this section, 'Special Project 20. S-World Angelwing – Economics (62 of 64 Reasons Why),' soon took a life of its own, and then the tail wags the dog. As the article developed, I realised from a software perspective, I needed to rewrite a different version of this book - 'A More Creative Capitalism,' one version retitling it 'S-World Angelwing – A More Creative Capitalism,' another 'A More Creative Capitalism – 64 Reasons Why,' and others as well.

So, for the correct reading of this section -Special Project 20. S-World Angelwing – Economics (62 of 64 Reasons Why), we need to read the S-World Angelwing – A More Creative Capitalism book when complete or in pieces, as and when they are completed.

## Special Project 21. The Sienna AI and Angel Theory (Reason 63)

Deus ex machina. (God from the machine.)



Bringing God into any academic discussion is always controversial; and yet in Stephen Hawking's books, God is mentioned often.

What I can say is this, either in February 2011, I all of a sudden got real smart; or we can believe the movie I wrote that month, in which my Angel Sienna somehow showed me the way to create advanced economics and the mother of all AI's, and how such a system can be of benefit to use for us all, benefit that can be summed up as the 64 Reasons Why.

It's no small thing to have a plan to drastically change the lives of everyone living this century. But of its origins, well, Sherlock Holmes says: "When you have eliminated the impossible, whatever remains, however improbable, must be the truth."

In truth, I am often uncomfortable with this subject, but I do have moments of unhindered belief; and in these moments, many ideas are formed.

What I can say for sure was my first book 'American Butterfly – The Theory of Every Business (circa 2012) only really got going in its second part, 'Spiritually Inspired Software'- [www.americanbutterfly.org/pt2/Spiritually-Inspired-Software](http://www.americanbutterfly.org/pt2/Spiritually-Inspired-Software). This book is where RÉŚ was first detailed.

Another spiritual moment was in deciding the name Angel Theory, which was a path first started on Brian Greene's 'The Elegant Universe Part 3. Welcome to the 11th Dimension'; in which Savas Dimopoulos, a particle physicist at Stanford University, tells us that it is theoretically possible to communicate between universes via gravity (a concept later used for the plot in the awesome movie 'Interstellar.'

Before seeing the film, Dimopoulos's theory inspired the following message I sent to Caitlin, (Sienna's Mother). And when she liked it, I promptly bought the domain name [www.AngelTheory.org](http://www.AngelTheory.org). Here is the message I sent:

## Why Angel Theory?

Alis Propriis Volat - "She flies with her own wings"

"In String and M-theory, there are many universes, and it is said to be possible to communicate from one to another using bursts of gravity. If there was a race in another universe with this technology, it's likely that they would be able to answer most every question one could ask. As such, to many on our earth, at this time, they would be considered akin to Gods, and the individuals within that were sending us the signals should be considered Angels."

Another blast of spirituality is found in the second attempt at a film treatment that became the first major chapter in Angel Theory - <http://www.angeltheory.org/angel-city-5- -1st-aug-2017>. In which there are two different versions of 2080; one as we would all wish for per Angel Theory and the 64 Reasons Why, and one that really is not very pleasant at all.

Lastly and again seeking to find spiritual fulfilment, from technology and physics, is the latest in the Feynman's Sum Over Histories (see [www.angeltheory.org/the-s-world-ucs-quantum-systems](http://www.angeltheory.org/the-s-world-ucs-quantum-systems)). In short, Hawking tells us about Richard Feynman's Sum Over Histories, and that the future and past are both changeable. The most recent update to this, is that S-World creates a simulation of the future in 2080, which is called Angel City 5; and that there must be an enormous, even infinite, amount of histories.

Well, we don't have a way to create infinite histories. But the latest my little brain has reached is that S-World UCS will (if designed to my specifications) create nearly four gazillion, quadrillion histories <sup>4<sup>40</sup></sup>. So far, I have created one history. But by the time 2080 arrives, the S-World Angelwing software will have looked at 4,000,000,000,000,000,000,000,000,000,000,000,000,000,000 different variations of the same theme, a theme that is already theoretically far more than anyone would realistically hope for. But when they ask, 'how is this possible?' We have the two answers, either I got real smart really quick, or maybe...



## Special Project 22. South Africa (Reason 64)

Aut viam inveniam aut faciam. (I will either find a way or make one - said Hannibal, the great ancient military commander.)



Considering Angel Sienna is South African, and I lived in South Africa for 10 years, one may find it odd that the prototype Super Grand Network (a set of Grand Networks in a country) is in Malawi, not South Africa; as it has a relatively strong economy, ports, infrastructure, and also qualifies as an AGOA country so can export tariff-free with the USA.

The reason for choosing Malawi was largely because its economy was so small. The Super Grand Networks spending on government projects would be much more than Malawi was receiving in Tax in 2024, and an awful lot more in the years that followed.

South Africa, on the other hand, has a 2017 GDP of 349.4 billion USD; whereas Malawi has only 6.303 billion USD, South Africa has 55 times as much GDP, and so Grand Network Output versus country GDP will be 55 times less in South Africa, which would not nearly be enough to create a major ripple, relative to Malawi. And I wished to make as big a splash as possible to leverage expectations. And, in Book 3, use the leverage to start Grand Networks across the AGOA, Asia, and Latin America.

However, after seeking the results of Spreadsheet: 'RÉS and The Sienna Equilibrium 3.10 (10th December 2018)' – Tab: RÉS High-Octane É90 Š8 V2, which simulates 27,281,409 people housed in relative luxury, with room to double that figure, then that solves the problem at the heart of South African poverty. And so, the Super Grand Network plan is worthwhile in South Africa, albeit the environment where tax and labour is paid in Network Credits will be a challenge as other businesses may object. Thus, the plan may need to adapt to include all current businesses.