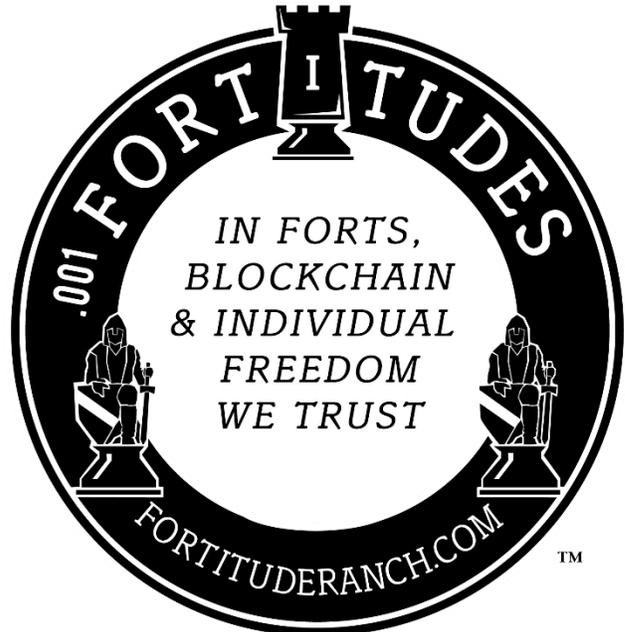


Fortitude Ranch
Initial MemberCoin Offering (IMO)
White Paper



Fortitude Ranch
Prepare for the Worst
Enjoy the Present

**Fortitude Ranch advance membership purchase tokens,
Initial MemberCoin Offering**

Dr. Drew Miller, Col USAFR (Ret), CMA, CFP, CM&AA, DDP

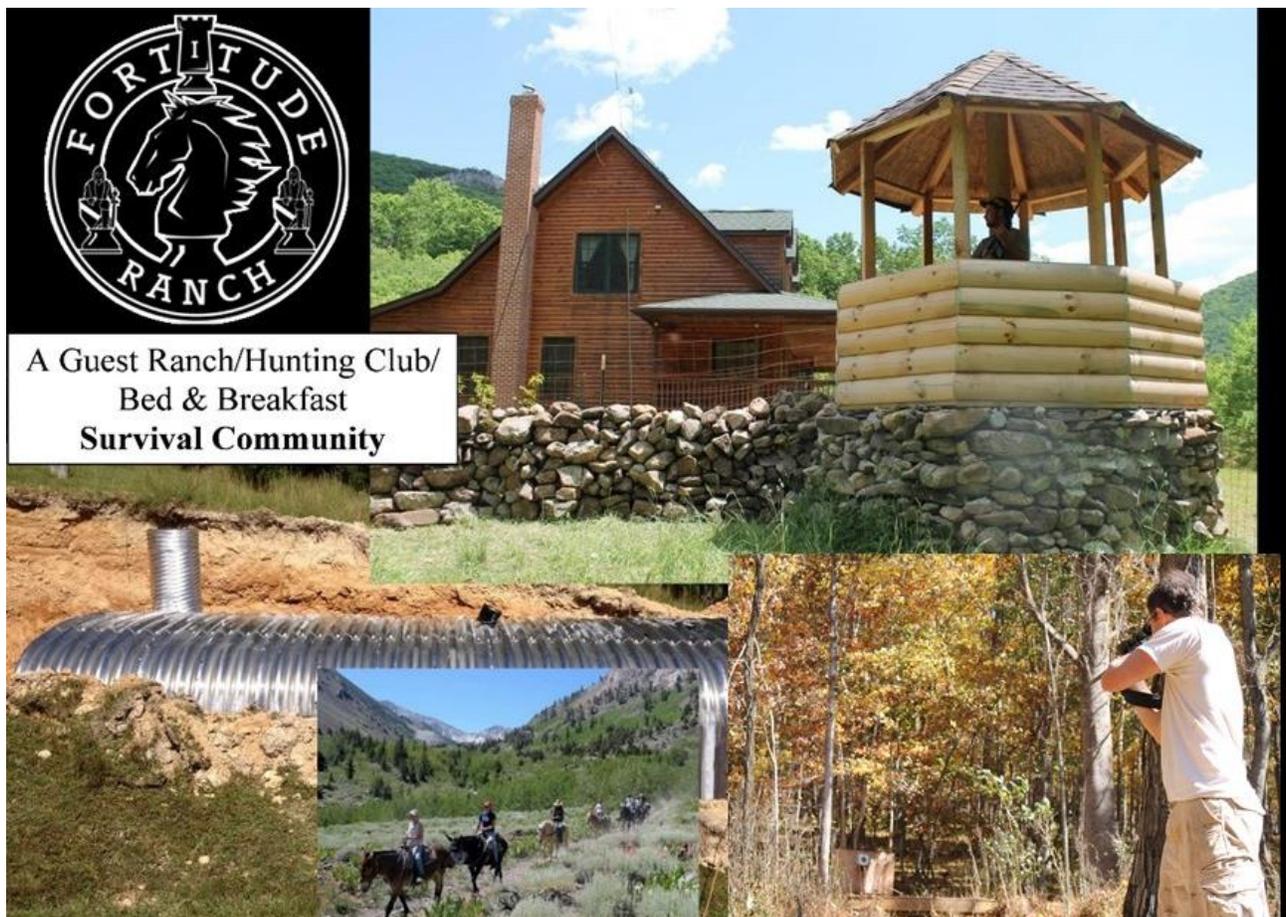
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Executive Summary

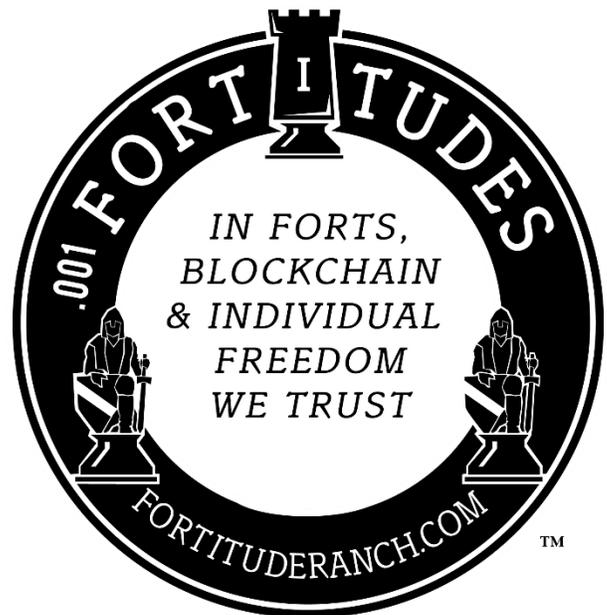
- Fortitude Ranch (FR) is an essential service that is leveraging a tradable cryptocurrency token for advance membership sales to fund expansion to provide more people with a cost effective, affordable means to survive a collapse.
- FR CEO is Dr. Drew Miller, a retired USAF Reserve Colonel and intelligence officer, Masters Degree and PhD from Harvard University, former DoD think tank and Pentagon Senior Executive Service, Vice President of Securities America, blockchain business consultant, and author of articles on a major threat we face today: bioengineered viral pandemics
- FR is a large survival community that can keep members spread out (virus protection) with sufficient size to deter/defeat marauder attacks and raise crops/livestock. We are fully equipped to survive any type of disaster and long-term loss of law and order, managed by full time staff. FR is affordable because of large numbers of members and economies of scale.
- FR is especially attractive to join because it is a recreation/vacation facility as well as a survival retreat. We locate in remote locations in mountains and forests, ideal for hiking, fishing, hunting, and all types of outdoor recreation.



- The advance sale of Fortitude Ranch memberships will fund our expansion from two existing sites to a dozen sites across the United States, and an international location. Our cryptocurrency token, called a Fortitude, gives you a discount price on Fortitude Ranch membership, protection from membership price increases, and priority in joining FR when there is a waiting list.
- Historically ICOs have funded development of new blockchain technology. The Fortitude Ranch Initial MemberCoin Offering (IMO) marks a turning point in ICOs—funding existing

companies applying blockchain technology. Blockchain technology is very valuable for FR to keep our member identities and their security passwords for crisis entry into Fortitude Ranch locations absolutely secure, for voting and polling using blockchain, and for the issue and trading of “Fortitudes”—our cryptocurrency token for discount, priority membership purchase.

- FR has a large property in West Virginia, partially built, where we did a successful sales test that proved our “country club membership” concept works. Land for our second facility in Colorado has been purchased, but is not built out.
- Unlike most ICOs offering tokens for services or businesses that do not yet exist, FR is an established, market tested, proven company. There is no R&D or business development spending needed for this business, just rolling out the proven business plan by building out our existing WV and CO sites, and expanding to new locations across the U.S. and overseas.
- FR provides the best means of keeping you alive during a collapse, at a much more affordable price than alternatives. Other survival and preparedness companies offer underground bunkers with blast doors that are expensive, unnecessary for the remote locations we use, and for people crowded together in small bunkers, unsafe in the event of a virus or severe marauder problems.
- By purchasing Fortitude membership tokens you are not committed to joining FR, but you lock in a discounted price to buy in when you’re ready with priority in line when a wait list forms. If you decide FR is definitely not for you then you can sell your tokens, probably at a higher price than what you paid for them during our IMO.
- We expect FR tokens to grow in value and price because they are sold at discount to current membership price and membership prices will rise over time (while Fortitude owners have the low price locked in). During a major crisis or media reports on developing threats, demand for membership in FR will surge beyond our capacity, and the price of Fortitudes will likely spike since those who want to get in will need Fortitudes to have first place in the wait list.
- A maximum of 150,000 Fortitudes will be sold, and an additional 20% for company reserve and later sale. No further Fortitudes will be issued and the number will decline as they are used to purchase FR membership.
- FR is a unique business that escapes the traditional risk-profit tradeoff: we are a high return low risk investment. We are what Nassim Taleb, financial expert and author of *The Black Swan: the Impact of the Highly Improbable*, calls an “anti-fragile business” since our sales and the value of FR membership will surge when most of the stock market collapses.
- A pandemic is inevitable, with bioengineering, nuclear proliferation, nanotechnology, artificial intelligence, and many other new technologies increasing the capability of a small nation state, terrorist group, or even an individual to trigger a huge disaster.
- Our “Just in Time Delivery” economy, daily food shipments in cities, and dependent populations, are very vulnerable to a collapse in a functioning economy and loss of law and order that could last for months or years. Food delivery trucks will not come into big cities during a pandemic, electric outage, or other disasters that trigger panic and lawlessness.



- Rather than focusing on these growing threats and protecting the population, Big Government is focused on buying votes and increasing its power via entitlement programs and regulations shaped by Big Corporations. In the United States these are largely unconstitutional laws that ignore the 10th Amendment to the Constitution which bans any federal government exercise of power that is not specifically mentioned in the Constitution.
- While Governments have shelters for their top leadership and priority protection from police, they are not working to protect citizens from collapse disasters.
- Everyone needs to be a “Prepper,” taking steps to ensure family and friends can survive a long-term collapse of a functioning economy and loss of law and order.
- In accordance with Blockchain and Libertarian philosophy, the way ahead for responsible citizens is to create survivable communities that respect and protect individual freedom by leveraging blockchain, cryptocurrency, and collective action of independent groups.
- The FR IMO promotes blockchain and cryptocurrency by emphasizing the value of tokens for advance membership purchase where future customers may want flexibility in the timing of their purchase or ease in gifting the locked in price and priority placement Fortitudes provide. This is why we “coined” the term: “Initial **MemberCoin** Offering,” making it clear this is a utility token, an advance purchase of a priority right to buy discounted price membership in FR.
- FR IMO Advisors include Charlie Shrem, a bitcoin pioneer and COO of Jaxx digital wallet, James Barry, a former IBM executive and blockchain expert, Larry Hall, the CEO of Survival Condo, the most successful survival services company, and Michael Johns, former White House speechwriter and co-founder of the Tea Party Movement.
- People uncomfortable dealing with cryptocurrency tokens can purchase our token with US Dollars via check or bank wire. FR will maintain custody of your tokens for you, and if you later decide you want to maintain them in your own digital wallet we will transfer them to you.

Acknowledgements and Thanks Giving

In addition to Satoshi Nakamoto, Charlie Shrem, and other Bitcoin pioneers, we acknowledge and thank the Ethereum community and developers, whose blockchain work we are employing at Fortitude Ranch. We recognize the work of other blockchain technology developers and supporters who are promoting the spread of this vital new technology which will both help our economy and provide more individual freedom and ability to work collectively without government interference.

We thank the Founders of the U.S. Constitution and Anti-Federalists like George Mason and Robert Yates, who rightly warned that the federal government would ignore limits to its power and trample individual liberties. Most importantly, we thank military servicemen and women, law enforcement, and first responders who perform the most important duty that government should focus on: security and savings lives without infringing on personal liberty.

Table of Contents

Executive Summary	2
Acknowledgements and Thanks Giving	4
Section 1: The Need for a Survival Community	7
A natural or bioengineered pandemic is Inevitable. This and many Other Disasters Could Trigger a Collapse in Economic Activity and Widespread, Long-Lasting Loss of Law and Order	7
Our Just in Time Delivery economy, daily food shipments in cities, and dependent populations are very vulnerable to a collapse	12
Why Government is Not Working to Protect You From Collapse Disasters	15
Section 2: Fortitude Ranch Recreational and Survival Community	16
Why everyone needs to be a Prepper.....	16
How Fortitude Ranch provides Recreational Services in Good Times and an Essential Survival Community and Retreat for Bad Times.....	19
Section 3: Contingent Membership in Fortitude Ranch via a MemberCoin Token	25
The “Fortitude” Token: a Tradable, Advance Purchase of Fortitude Ranch Membership at a Discounted Price to fund Fortitude Ranch expansion	25
Fortitude Token is a “Contingent Membership” in Fortitude Ranch: A guarantee of Priority to Join in a Crisis when we have inadequate capacity, plus access to training and social events	28
IMO Structure, Schedule, and Bonuses	30
Buying Fortitudes Using Dollars with Tokens Held By Fortitude Ranch Until Needed	32
Official channels of communication for the Fortitude Ranch Initial MemberCoin Offering	32
How we are using Blockchain Technology at Fortitude Ranch.....	33
The Fortitude Ranch Team	36
IMO Advisors.....	38
.....	38
Full Disclosure and Accountability for Fortitude Token Holders.....	39
Fortitudes are not a Security, not an Investment, not Equity in or Ownership of Fortitude Ranch	40
Section 4: Additional Information on Fortitude Ranch, Fortitude Tokens, and Promoting Responsible, Survivable Communities and Individual Freedom via Blockchain and Cryptocurrency	43
Fortitude Ranch Legal Status and Registrations	43
Security for FR tokens and blockchain.....	44
Risks	44

Encourage Family and Friends to Prepare for a Collapse and Consider Joining Fortitude Ranch	46
Your suggestions and ideas are welcome—please contact us!	46
Blockchains and Cryptocurrency promote individual liberty and hedge against Big Corporate power and unconstitutional Big Government overreach	47
International Expansion of Fortitude Ranch will be driven by Fortitude token holder preferences collected via secure blockchain voting	50
Physical Fortitude Coin Tokens	51
The Way Ahead: Creating Responsible, Survivable, Communities that Respect and Protect Individual Freedom by Leveraging Blockchain, Cryptocurrency, and the Collective Action of Independent Groups to enforce Limits to Government Power	52
Attachments (download at www.FortitudeRanch.com/Fortitude/IMO)	56
1. Bioengineered Viral Pandemic Threat	56
2. Article on designer plagues	56
3. Electrical System Threats	56
4. List of Threats and Probability of a Collapse Estimate	56
5. Equity Offering Memo for Fortitude Ranch (an additional disclosure of risks and information)	56
6. Fortitude Ranch membership agreement	56
7. SEC DAO report	56
8. Dr. Drew Miller’s Treatise on Responsible Government	56
Acronyms	56

Section 1: The Need for a Survival Community

A natural or bioengineered pandemic is Inevitable. This and many Other Disasters Could Trigger a Collapse in Economic Activity and Widespread, Long-Lasting Loss of Law and Order

While Dec 7, 1941, the day which “will live in infamy” is considered the worst disaster the United States has ever suffered, the coming pandemic that experts regard as “inevitable” will lead to deaths and suffering that dwarf Pearl Harbor, 9/11, and the worst wars this country has ever fought. The global pandemic will probably be the worst disaster mankind has experienced.

Biotechnology that promises great new treatments and advances in medicine is also going to be used to design deadly new viruses that could wipe out most of mankind. New technologies like bioengineering enable a small terrorist group or even one dedicated individual to modify and release a new virus that could cause a pandemic and collapse in economic activity and law and order that yields marauding and mass starvation.

CRISPR technology is enabling fantastic genetic engineering—and fabulous bioweapons and designer viruses

WIRED

Easy DNA Editing Will Remake the World. Buckle Up.

The Genesis Engine.

We now have the power to quickly and easily alter DNA. It could eliminate disease. It could solve world hunger. It could provide unlimited clean energy.

It could really get out of hand.
by Amy Maxmen

- “a gene-editing technique called Crispr . . . could at last allow genetics researchers to conjure everything anyone has ever worried they would—designer babies, invasive mutants, species-specific bioweapons, and a dozen other apocalyptic sci-fi tropes.”
- “a tool for genome engineering. It was elegant and cheap. A grad student could do it.”
- “When I ask Church for his most nightmarish Crispr scenario, he mutters something about weapons and then stops short. ”



Genetically modified Mosquito Pupae created at Virginia Tech using CRISPR

The risks of bioterrorism and biowarfare are growing rapidly with advances in DNA engineering technology, overpopulation, and unrestricted international air travel. Bioengineering enables a small terrorist group or even one dedicated individual to modify and release a new virus that could cause a pandemic and collapse in economic activity and law and order that yields marauding and mass starvation that might kill additional millions. A host of experts say bioengineered viral pandemics are inevitable.

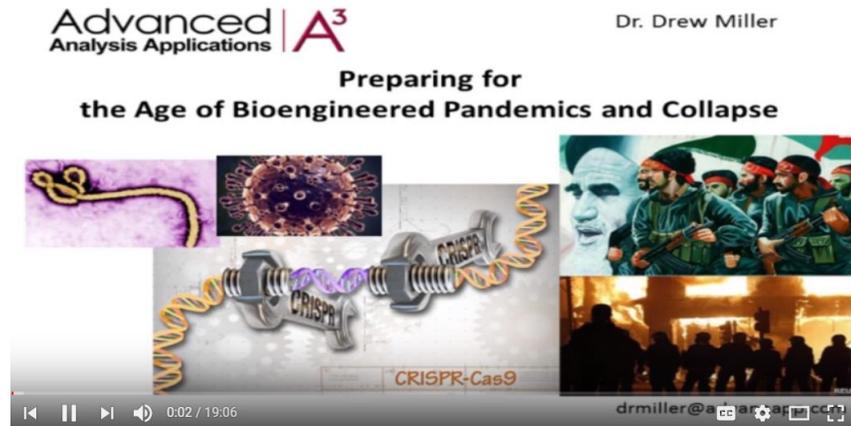


See Attachment 1 for quotes from studies and experts on the “inevitable” pandemic. Download attachments at <https://www.fortituderanch.com/initial-membercoin-offering/>

Dr. Tara O’Toole, former director of Johns Hopkins University Center for Civilian Biodefense Strategies, in testimony to Congress, warned: “We are in the midst of a bioscientific revolution that will make building and using biological weapons even more deadly and increasingly easy. . . . Preventing either a natural epidemic or a bioterrorist attack is, unfortunately, unlikely. Therefore, the nation’s ability to rapidly and effectively respond in the face of a biosecurity crisis should be a central pillar in our biosecurity strategy. The nation’s response to an outbreak must be designed to prevent potentially destabilizing social, economic, and political consequences, in addition to preventing illness and death on a large scale.” Later in her testimony she warns that “the country will have to confront the specter of covert bio attacks using heretofore unanticipated bioengineered agents.” She then makes the statement “We are already living in the age of bioengineering. Scientists estimate that in five years it will be possible to synthesize any virus from non-living components.”¹

Avian Flu modified to be human to human transmissible could cause a pandemic that kills a billion people.² Bioengineered viruses are the ideal weapon. Compared to nuclear weapons they are more deadly, orders of magnitude cheaper and easier to create and launch, and, most importantly, offer the ability to attack with impunity to retaliation since we may not know and can’t prove who released the virus.

A video on the bioengineered viral pandemic threat and how it could result in a collapse of economic activity and widespread loss of law and order is available at:



<https://www.youtube.com/watch?v=i03iKilhzh8I&index=3&list=LLYKRYzntccbPxA0KhsnyJvQ>

Fortitude Ranch’s founder and CEO, Dr. Drew Miller, a retired USAF Reserve Colonel and intelligence officer, wrote an article about the bioengineered viral pandemic threat published in *The American Interest* in December 2016 warning that a small group of people deliberately spreading a lethal new virus would quickly shut down most economic activity and trigger a collapse with widespread, long-lasting law and order that could kill a billion people or more.³

➡ Download Attachment 2 to read Dr. Miller’s article on bioengineered pandemics

¹ Dr. Tara O’Toole, April 2006 testimony to Congress, “Project Bioshield Reauthorization Issues”

² Thomas Inglesby, Anita Cicero and D.A. Henderson, “The Risk of Engineering a Highly Transmissible H5N1 Virus,” *Biosecurity and Bioterrorism: Biodefense Strategy, Practice and Science*, Vol 10, No. 1, 2012

³ Dr. Drew Miller, “The Age of Designer Plagues,” *The American Interest*, Nov-Dec 2016



The Age of Designer Plagues

Drew Miller

- Experts say that a natural or bioengineered viral pandemic is inevitable
- The economy will shut down, food shipments will stop, and law and order will quickly evaporate not just in major cities but likely most areas of the U.S.
- A pandemic will last over a year
- Other threats like North Korean nuclear EMP attack that destroys electric system, a New Madrid earthquake, Super volcano eruption, also could trigger collapse
- Former CIA Director warned that an EMP attack that destroys electric system could lead to collapse that kills most of the U.S. population

The world is likely entering the age of bioengineered viral pandemics and collapse—BVPC for short. New technologies like bioengineering enable terrorist groups, or even one dedicated individual, to modify and release new viruses that could cause both a pandemic and, as people react, a likely collapse in economic activity and possibly even of law and order. Many experts say natural or bioengineered viral pandemics (BVP) are inevitable as it becomes increasingly easier to modify an existing pathogen, making it more lethal and transmissible. Should there be a deliberately loosed pandemic, revolutionary changes will flood our economy, military, foreign policy; we will not live as before during the Age of Bioengineered Viral Pandemics and Collapse.

This bleak age may be unavoidable, but we can prepare ourselves to minimize its dangers. Yet the specter of biological attack, especially by hard to identify and hold to account (let alone

Drew Miller is a former intelligence officer, former senior executive service member in the Office of the Secretary of Defense, and retired Air Force Reserve Colonel. He holds a Ph.D. from Harvard University and currently serves as director of Advanced Analysis Applications.

deser) non-state actors, is little addressed by the media or even inside the U.S. government. Nuclear terrorism we fear and try to deal with, no doubt because we have mental images of nuclear weapons going off to provide a sense of dark possibility. But we seem to suffer from a near total failure of imagination when it comes to bioterrorism, even though for a host of technical and other reasons—simpler engineering, much lower cost, quicker critical mass generation, smaller cadre of workers, smaller facilities for concealment purposes and ordnance delivery—it would be vastly easier for bad non-state actors to master a bio-attack than a nuclear one. We need to overcome that failure of imagination.

In December 2011 national media reported that scientists had created a human-transmissible form of the deadly avian flu virus, previous versions of which have had 60 percent lethality. Since then, new "CRISPR" technology makes it much easier to manipulate DNA—with kits as cheap as \$130 available.

Genetic engineering, or bioengineering, is the manipulation of an organism's genetic material. Scientists have been creating genetically modified organisms (GMO) since the 1970s, and in 2010 the first synthetic new life form

If it's a lone terrorist or lunatic launching the virus, it may not spread far before we detect it and limit the devastation. If it's a nation like Iran, spreading a bioengineered virus with high lethality and transmissibility, with a long period where carriers are contagious but not suffering from the illness or symptoms, the virus might kill millions, leaving survivors in a disastrous state of collapse that could last for years inflicting even higher fatalities.

Some Iranian Revolutionary Guards may decide that rather than spending billions for a low probability of success launching a small nuclear attack that would bring devastating retaliation to Iran, they should prepare a human transmissible form of avian flu and spread the virus in Israel and the United States. They spread a virus in busy airports that acts slowly, with infected people contagious for a few days but not showing symptoms. By the time the CDC detects and issues a warning it would be too late: millions of Americans would be infected in not just every state; but probably most towns and cities. Quarantine will be impossible; the virus will keep spreading.

Will the pandemic spread back to Iran? Yes, but they have both time to quarantine, and may have developed a vaccine before they released it. We won't be able to prove who did this. North Korea would be ideally situated to not just survive, but benefit from a global pandemic. North Korea would be little affected by a pandemic, while South Korea and the United States would be devastated.

The CDC will detect the spread of virus, but if natural or bioengineered virus has long period of contagiousness, may be too late to prevent pandemic

Example:

- Iran sends 30 marauders to spread virus in airports
- Those exposed start spreading virus on 2nd day
- By end of 4th day: over 5 million people infected; likely in every city across the U.S.

Assume infectious for 4 days, disease doesn't manifest or too sick to go to doctor for 4 days	
30	Iranian martyr volunteers
50	# they infect per airport per 2 man team
15	# they infect on planes per 2 man team
60	# airports visited
60	# aircraft flights flown (travel in pairs)
3,900	# infected by martyr teams day 1
10	# each infected person infects on Day 1
3,900	# infected by martyr teams on their second day of travel
39,000	# day 1 infected people infect over Day 2
3,900	# infected by martyr teams on their 3rd day of travel
39,000	# day 1 infected people infect on Day 3
429,000	# day 2 infected people infect on Day 3
3,900	# day 4 infected people by martyr team(martyr team's last day; getting too sick)
39,000	# day 1 infected people infect on Day 4
429,000	# day 2 infected people infect on Day 4
4,719,000	# day 3 infected people infect on Day 4
5,709,600	Total people infected thru Day 4

- A bioengineered virus designed to cause pandemic might have a period of several days to spread disease before victims get sick enough to go to hospital, CDC detects

Bioengineered viral pandemics are not a future threat, but a present risk that is growing since it is increasingly easier to modify an existing pathogen to make it more lethal or transmissible (a Genetically Modified Organism, GMO). There are groups like “Do It Yourself Bio” (diybio.com) that enable individuals (including terrorists) to do bioengineering in their garage.

A National Defense University study concluded that “there are tangible opportunities for many potential adversaries to acquire, modify, and then manufacture to scale a potential GMO pathogen.”⁴ Other scientists and experts have warned that biotechnology and genetically modified organisms may be an “existential threat” that could kill off most of our species.⁵

It's too late to stop the spread of biotechnology and its inevitable misuse, and just a question of when and how bad bioengineered viral pandemics will be.

Many other new technologies, as well as natural disasters (asteroid strike, super volcano, natural pandemics, etc.) could lead to not just an initial huge loss of life, but disrupt food production and shipment, lead to economic collapse and widespread loss of law and order. For example, our electric system is very vulnerable, fragile, and if transformers are destroyed we will be without power not for days, but months or years. Neither the economy or law enforcement will be able to operate effectively when the main electric system is out.

⁴ National Defense University, Center for Technology and National Security Policy, “Analysis of the Threat of Genetically Modified Organisms for Biological Warfare,” May 2011

⁵ Dr. Ray Kurzweil, a leading scientist and futurist, member of the Army Science Advisory Group, quoted in instapundit.com, Sep 2, 2005; Dr. Ray Kurzweil, cited by Paul Boutin, “Biowar for Dummies: How hard is it to build your own weapon of mass destruction? We take a crash course in supervirus engineering to find out,” July 11, 2006, originally published on Paul Boutin blog February 22, 2006. Reprinted with permission on KurzweilAI.net July 11, 2006

 Download Attachment 3 to read about threats to the Electric Grid

Videos on threats to the electric system are available at:

<https://www.youtube.com/watch?v=Ga7k28k3Vc4&t=175s>

<https://www.c-span.org/video/?301046-1/electromagnetic-pulse-threat>

The proliferation of nuclear weapons is likely to get worse, not just because of North Korea and Iran, but advances in technology which will inevitably lead to much easier, harder to detect means to enrich uranium or other fuel. Both the lessons of history and the nature of man suggest that sooner or later, nuclear weapons will be used again, in a far more devastating manner. As Martin Luther King wrote, “Our scientific power has outrun our spiritual power. We have guided missiles and misguided men.”⁶

We are not prepared for surviving a viral pandemic, major electromagnetic pulse (EMP) strike, nuclear war, or other disasters. Our complex, interdependent economy may quickly collapse with people not showing up for work if a deadly virus is spreading. Some people will loot and raid for food and water. Many other major threats and “trigger disaster events” that could lead to a collapse in the economy, loss of law & order are growing in probability while our ability to recover from disruptions falls. Experts at a Global Catastrophic Risk Conference in 2008 estimated a 19% chance of human extinction over the next century.⁷ Oxford Professor Nick Bostrom wrote that “the balance of evidence is such that it would appear unreasonable not to assign a substantial probability to the hypothesis that an existential disaster will do us in. My subjective opinion is that setting this probability lower than 25% would be misguided, and the best estimate may be considerably higher.”⁸

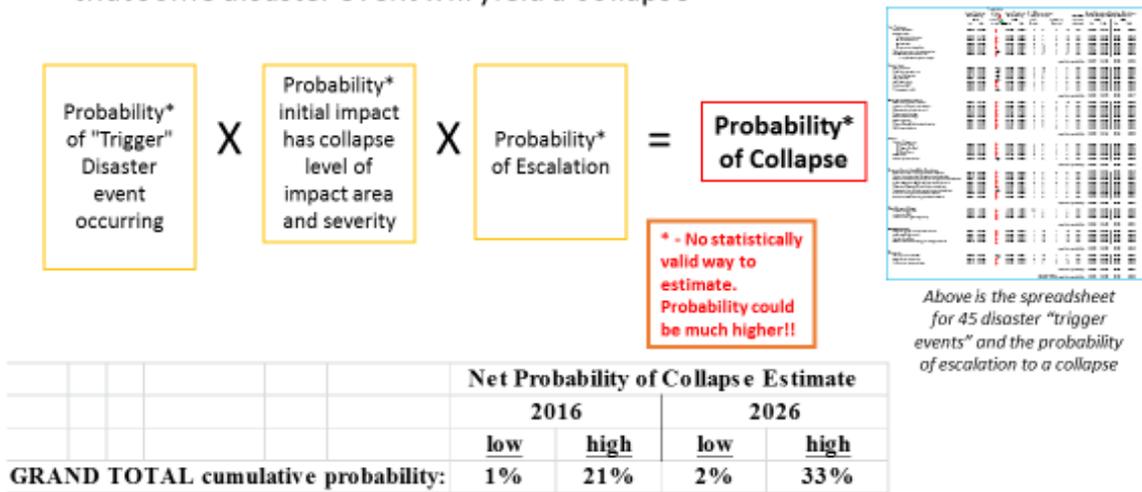
 Download Attachment 4 for a list of 45 known disaster events that could lead to a collapse in economic activity and widespread loss of law and order

⁶ Martin Luther King Jr., *Strength to Love*, 1963

⁷ Cited in Sandberg, A. & Bostrom, N. (2008): “Global Catastrophic Risks Survey”, Technical Report #2008-1, Future of Humanity Institute, Oxford University

⁸ Professor Nick Bostrom, Oxford University, “Existential Risks: Analyzing Human Extinction Scenarios and Related Hazards,” *Journal of Evolution and Technology*, 2002

“Probability of Collapse Model” estimates cumulative likelihood that some disaster event will yield a collapse



Our Just in Time Delivery economy, daily food shipments in cities, and dependent populations are very vulnerable to a collapse

“Collapse” is defined as a cessation of most economic activity and widespread lack of law and order, for a prolonged period of time, with very high fatalities (millions). In the Event of a pandemic, long term power loss, or other major disasters it is likely that more people will die from the aftermath, the loss of food distribution and law and order, than the direct fatalities from the “trigger event.”

As bad as the virus may be, the resulting collapse in economic activity and loss of law and order could kill more people than the pandemic. Nassim Taleb, author of *The Black Swan: the Impact of the Highly Improbable*, and other experts have warned that in the pursuit of maximum profit and high technology, we have built a very fragile economic system with “just in time” deliveries. Taleb warned specifically of a global pandemic: “This point—that things have a bias to appear more stable and less risky in the past, leading us to surprises—needs to be taken seriously, particularly in the medical field. The history of epidemics, narrowly studied, does not suggest the risks of the great plague to come that will dominate the planet.”⁹ Unlike the largely rural, resilient population that weathered the 1918 flu pandemic (a low lethality virus), our urbanized society, dependent on electricity, daily deliveries of food coming long distances, central water supply systems, is a dependent population that may face both a much worse virus and economy in total collapse with widespread loss of law and order.

When a pandemic hits, law and order will probably vanish in many cities as people panic, food stores are quickly sold out or looted, law enforcement resources get stretched, and some exploit the situation. Food truck drivers will quickly realize that it’s too dangerous to drive into cities or on long trips; too much risk of either catching the virus, or getting attacked by marauders after food. Even in Katrina, a relatively minor disaster, the looting and violence scarred truck drivers, with

⁹Nassim Taleb, *The Black Swan: the Impact of the Highly Improbable*, 2nd edition, Random House, 2010, p. 354.

many refusing to go into New Orleans without military escort.¹⁰ Many New Orleans police officers deserted the city.

The risk of collapse is high and rising because of six bad trends:



Our Just in Time Delivery economy, daily food shipments in cities, and dependent populations are very vulnerable to a collapse



- Details and sources in Fortitude Ranch Offering Memo; some sample exhibits here

Figure 10: The Risk of collapse is rising rapidly, driven by six bad trends

1. New technologies: DNA manipulation and bioengineering, new means to manufacture nuclear materials, nanotechnology
2. Rising overpopulation, high population densities, international travel
3. Increased economic interdependence, just in time inventories, long-distance sourcing
4. Very high dependence on daily food shipments, inadequate local water supplies
5. Less personal resilience
6. More bad people, gangs, with means to create chaos

Combined Effect: More lethal threats against an increasingly unstable economy and vulnerable population

Figure 9: Relative vulnerability of our population to disruptions

	1800s	2010s
% population farming	>80%	<2%
Food travel distance	few miles	1,000s
Food on hand	months	days
Water supply	well	municipal
Electronic dependence	none	heavy
Production sourcing	local	int'l
Inventory levels	large	tiny (JIT)
resilience of people	Pioneers	Katrina
Overall vulnerability	low	high

For example, a former CIA Director and head of the EMP Commission warned in 2017 that a North Korean EMP attack, delivered by one nuclear weapon exploding in the atmosphere over the U.S., could destroy our electrical system and yield a “societal collapse” that kills 90% of the U.S. population: “a single warhead delivered by North Korean satellite could blackout the national electric grid and other life-sustaining critical infrastructures for over a year—killing 9 of 10 Americans by starvation and societal collapse.”¹¹

With a largely rural population and relatively little, slow international travel, the plague wiped out about one third of Europe’s population in the Middle Ages. Today, over half of the world’s 7 billion people live in cities, visited daily by international travelers. Unlike the Middle Ages, people today have better sanitation and health care, but are much more urbanized and densely packed together, sustained by food and water that arrives from distant locations, relying on delivery systems and economic operations that will shut down if there is a lethal contagious virus spreading and people understandably not reporting to work. Even people with the courage to face the risk may change their mind when they realize they could bring a fatal virus home to infect their families. Those that do keep working, medics and police in particular, are likely to catch the virus. We should

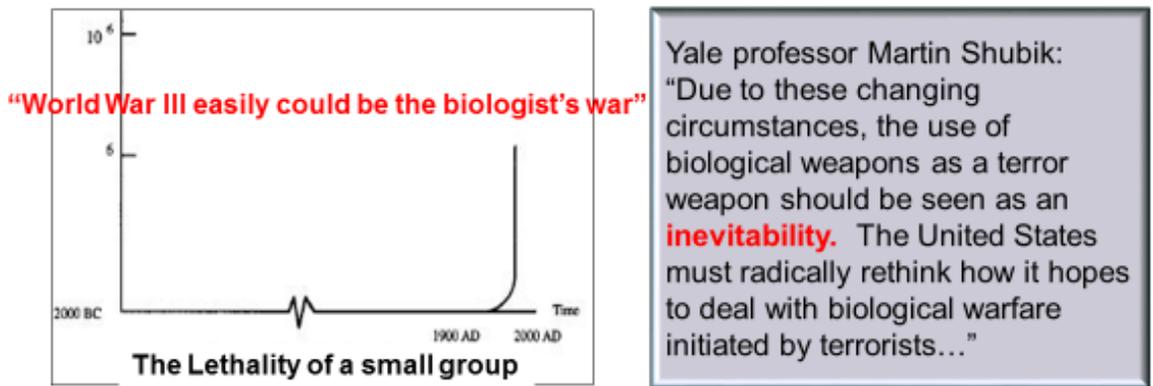
¹⁰ “The Federal Response To Hurricane Katrina: Lessons Learned,” Feb 2006, written by DHS, released by George Bush White House; “A Failure of Initiative: Final Report of the Select Bipartisan Committee to Investigate the Preparation for and Response to Hurricane Katrina,” 109th Congress, Feb 15, 2006

¹¹

expect that very quickly almost all economic activity, public services, production, and transportation will cease. To minimize inventory costs, businesses, even hospitals, have “just in time” delivery of supplies, sourcing from lowest cost providers on the other side of the world. Even if your local trucker decides to continue working, with multiple long-distance suppliers and shippers involved in moving foodstuffs, a contagious pandemic will stop the flow of goods. Panic buyers will strip supermarkets of goods within the first hour of the news. Public water supplies that depend on maintenance personnel reporting to work may also fail. Our highly interdependent, just in time delivery economy is very vulnerable to disruptions. Nassim Taleb points this out: “Our connected world appears to be more efficient. But when there is a disturbance, the setback is much harder to handle. Not only are we building riskier systems, but also the risks involved in failure are a lot larger.”¹²

The net result of rapidly advancing technologies that nations, terrorist groups, and even individuals can use to kill, combined with the growing fragility of both our economic system and the ability of individuals to take care of themselves is a society very vulnerable to collapse, and a population that may perish in huge numbers.

The Destructive power of Individuals and economic fragility is growing, while resilience of society and individuals is falling—yielding high likelihood of a disastrous collapse



12

Why Government is Not Working to Protect You From Collapse Disasters

These warnings and many others have been overwhelmingly ignored by our federal government. There are 11 reasons why Government Officials are reluctant to address the bioengineered pandemic and collapse threat:

1. The Department of Health and Human Services is “lead agency” on pandemic planning, but they are big supporters of bioengineering research.
2. Scientists, universities, and biomedical companies do not want to scare the public about bioengineering or encourage regulations that could stifle this research in the U.S. (which would continue overseas).
3. Elected officials do not want government reports estimating millions of Americans may die and they can’t prevent this.
4. Government officials do not want to explicitly address impacts of looting, breakdown in law and order, stealing and sometimes killing to obtain food, suggesting that a segment of the population will act this badly
5. Government officials do not want to address the controversial ethical issues of a pandemic: who gets medical treatment and supplies, life and death. A new flu variant or GMO virus will require a half year or more to start production of a new vaccine that many (or most) Americans will never receive.
6. Quarantine preparations to do things like equip FEMA for crowd control led some conspiracy/anti-government critics to protest “government takeover preparations” and “concentration camps” and “police state.”¹³ President Bush’s call for military support in a pandemic and preparations for dealing with law and order problems were condemned by groups ranging from the ACLU on the left to the Libertarian Cato Institute on the right.¹⁴
7. Standard “prepper” measures like having guns and ammo to protect your home as well as food and water are too politically controversial for governments to address.
8. No big company or organization stands to benefit from increased preparedness for a pandemic, so no lobbying and political support similar to a weapons system acquisition.
9. Officials who warn of our vulnerability may be accused of tipping off terrorists.
10. Government officials want to avoid charge of “scare mongering,” “crying wolf,” and overreaction which were raised following the 2009 swine flu and other warnings of flu pandemics that did not occur.
11. The federal agency most capable of dealing with a pandemic, the Department of Defense, focuses on overseas operations where DoD is lead, with little interest in pandemic recovery operations where the Dept. of Homeland Security is lead.

This reluctance to warn and prepare for the “inevitable”¹⁵ natural avian flu pandemic or a bioengineered virus attack is reprehensible, but understandable. There is no pork for Congress to dispense, and preparations to stop lawlessness are not politically correct. The logical preparation

¹³ David Relman, Eileen Choffnes, Alison Mack, National Academies Institute of Medicine in “The Domestic and International Impacts of the 2009-H1N1 Influenza A Pandemic: Global Challenges, Global Solutions: Workshop Summary,” National Academy Press, Prepublication Proof online, 2010, p. 251

¹⁴ George Annas, Wendy Mariner, Wendy Parmet, “Pandemic Preparedness: The Need for a Public Health—not a Law Enforcement/National Security—Approach,” American Civil Liberties Union, Jan 2008; Gene Healy, “The Imperial Presidency and the War on Terror,” Cato Policy Report, Cato Institute, March/April 2006

¹⁵ Studies by the Defense Threat Reduction Agency, UK Health Protection Agency, Harvard Public Health Review, and many scientists insist that future viral pandemics are “inevitable.” See Attachment 1 or contact Dr. Miller for a list of studies and quotes.

for looting and breakdown in law and order is standard “prepper” measures like guns and ammo at home, which government officials won’t advocate.

It is the same basic situation with our electrical system’s many known vulnerabilities that government cannot or will not address. Congress has chartered national EMP Commissions that issue reports warning that our electric system is very fragile and must be fixed—but Big Utility Companies do not want to spend for the improvements and buy off Congressmen, so nothing is done. Years later, they form another EMP Commission (one going again in 2017) that will again be ignored.

Our Big federal government ignores the 10th Amendment which bans any involvement in areas not specifically authorized in the Constitution. The Big Government Nanny State focuses on entitlement and welfare programs that are more effective in winning re-election votes, putting less resources and attention into what should be its 1st, 2nd and 3rd priority job—protecting our lives, national defense, and disaster recovery. The only thing political parties can agree on is opposing other political parties. You need to accept that Big Government will not help you when a huge disaster strikes and a collapse results.

The disaster that triggers a collapse may well be an economic disaster caused by overreaching, overspending, inept Big Government. Americans, Europeans, and people around the world need to be worried about government spending deficits and the uncontrollable growth of social welfare entitlement spending and regulation that will yield a financial and economic collapse.

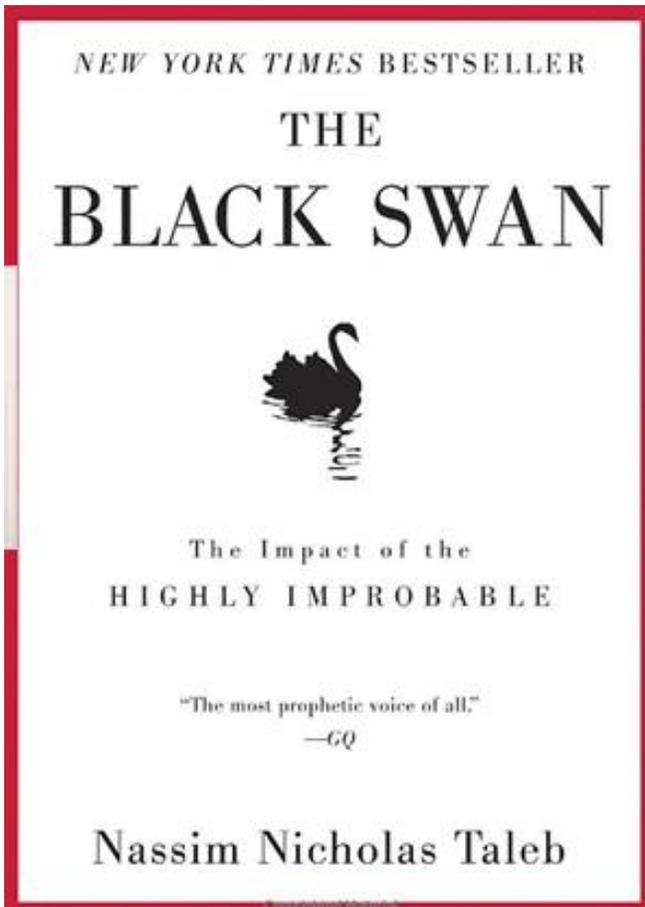
Preparations for pandemics, electric system collapse, and loss of law and order are not a top concern of Big Government. This drives the need for individual responsibility to prepare, and the Fortitude Ranch survival community service.

Section 2: Fortitude Ranch Recreational and Survival Community

Why everyone needs to be a Prepper

The “age of bioengineered viral pandemics and collapse” is coming. The probability of many “trigger” disaster events is rising, the destructive power of an individual is sky rocketing, and the cascading, aftermath effects, the transportation and economic shutdown, and the loss of law and order, must also be prepared for.

Big Government will not save you from a collapse. You need to heed the warnings of experts and be prepared for both the initial trigger disaster and then the collapse that follows and may last for months or years.

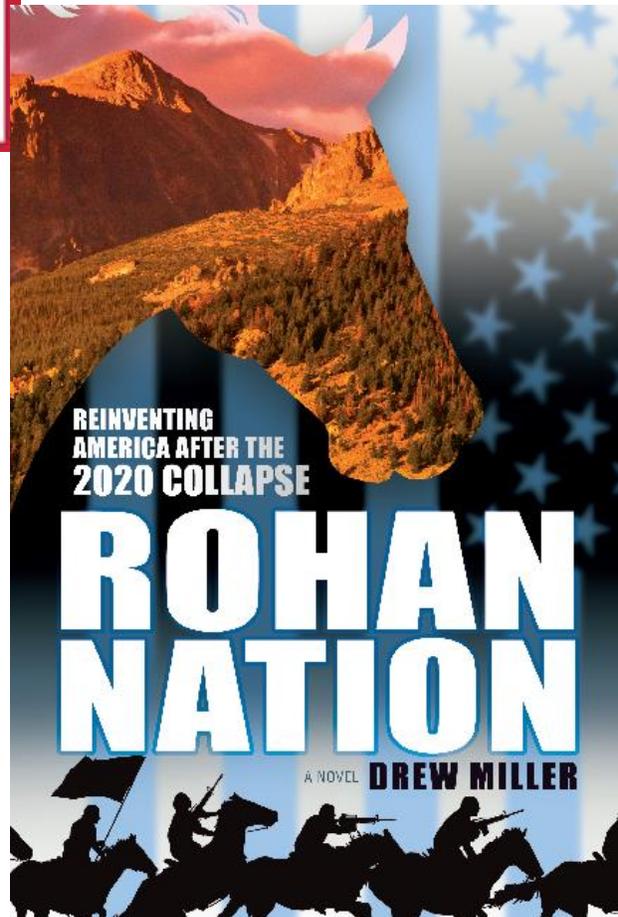


The tendency is to ignore warnings of threats and disasters. As Nassim Taleb explained so well in *The Black Swan: the Impact of the Highly Improbable*, “we are made to be superficial, to heed what we see and not heed what does not vividly come to mind.” People naturally, repeatedly fail to heed warnings of impending disasters.

Taleb warns specifically of the pandemic threat: “This point—that things have a bias to appear more stable and less risky in the past, leading us to surprises—needs to be taken seriously, particularly in the medical field. The history of epidemics, narrowly studied, does not suggest the risks of the great plague to come that will dominate the planet.” His key advice in the book is “Black Swans being unpredictable, we need to adjust to their existence (rather than naively try to predict them)”.

The wise thing to do if you want to survive, help your friends and family and whatever communities you support survive, is to become a “Prepper”—someone who has the plans and means to survive a major disaster and potentially long-term loss of economic activity and law and order.

Dr. Drew Miller wrote a book, *Rohan Nation: Reinventing America after the 2020 Collapse*, that is an “Atlas Shrugged”-like book describing the aftermath of a collapse. It promotes preparedness and Libertarian beliefs, encouraging individuals to take more responsibility for their lives and the federal government to focus on security, obey 10th Amendment limits, and stop regulating personal decisions or buying votes with unaffordable, unconstitutional entitlement programs.



If you're a senior government official in the United States, Russia, China, and many other nations around the world, you have no worries. Survival facilities are provided for you at taxpayer expense. "Mount Weather" in West Virginia is a huge FEMA-run

Top U.S. Government officials have underground shelters

"Mount Weather" in West Virginia is a huge FEMA-run survival complex for top U.S. government officials



survival site for top U.S. government and military officials, with over 400 acres above ground and 600,000 square feet underground. At 100 square feet per person, this would accommodate 6,000 people. There are additional sites for national leadership in other states near Washington DC. While the civil defense program for citizens was discontinued after the end of the Cold War, there are extensive underground command posts, survival shelters and facilities for political, military and some corporate leaders. Several magazines have run stories in recent years about wealthy Americans buying fortified homes, underground shelters, and retreats in rural areas.¹⁶

If you have ultra-high net worth you have an easy solution: buy a Survival Condo. These luxury survival facilities give you private rooms deep underground in a former ICBM silo—with libraries, meeting rooms, swimming pool, rock climbing wall, theater and many other amenities to wait out the collapse in comfort.¹⁷

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SURVIVAL CONDO PROJECT

This doomsday bunker costs \$3 million

Smerconish

For \$3 million you could have a fully loaded bunker converted from a nuclear missile silo in Kansas. Developer Larry Hall explains why the units are sold out. Source: CNN

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¹⁶ Aimee Picchi, "\$3 million bunkers will ensure survival of the 1%: Nothing like riding out the apocalypse in a luxury underground shelter that features a pool and bar," money.msn.com, Sep 25, 2013; Steven Bertoni, "Billionaire Battle Plans," Forbes, Nov 11, 2011

¹⁷ www.survivalcondo.com

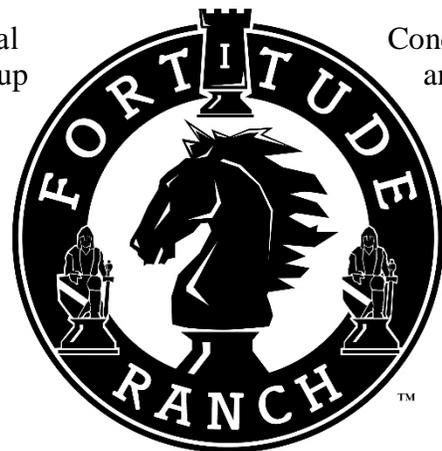
“Survival Condo” uses former ICBM silos for luxury condos for the Ultra-High New Worth



The rest of us need to find other, affordable, practical ways to survive. The Do It Yourself approach to surviving is very expensive, time consuming, and unlikely to work for a long-lasting collapse when there is no food deliveries for months, public water systems fail, and no police protection leaves you dependent on your own guard force and defenses. This is why Fortitude Ranch was created.

How Fortitude Ranch provides Recreational Services in Good Times and an Essential Survival Community and Retreat for Bad Times

The vast majority of us don't have the money to buy a Survival or the time and money to build and equip or own survival group rural retreat. This is why Fortitude Ranch was developed. We have established an effective, affordable means for people to join our survival and recreational communities to enjoy the good times in our rural, forest locations, and survive a collapse.

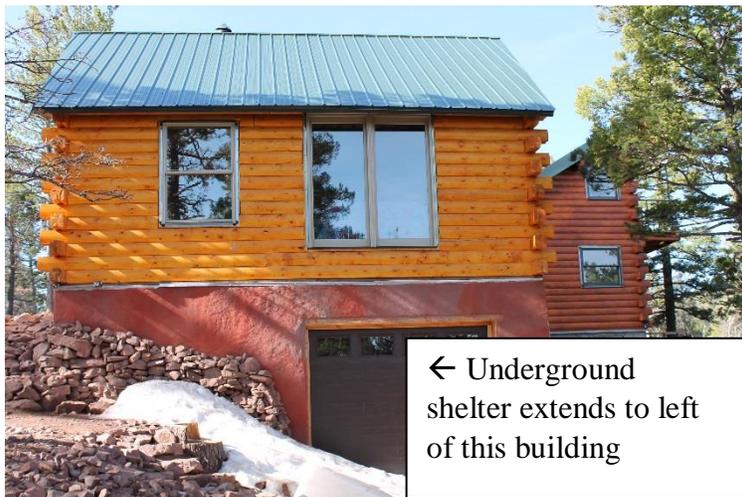


Condo,
and



Log gazebo/bastion/guard station and compound wall at Fortitude Ranch West Virginia

FR does not build deep underground bunkers with blast doors; we use shallow underground shelters and basements since just a few feet of earth shielding is needed for radiation protection.¹⁸ Deep underground shelters are needed to survive a nearby nuclear detonation—extremely unlikely in the remote mountain and forest locations FR favors. The major risk we likely face is organized groups of marauders out stealing food and supplies (or worse). Thus, FR is designed so when our many guards sound the alarm, our members can quickly grab their weapons and man defensive positions along walls to deter or defeat an attack. Using shallow underground shelters and basements (often a long basement between two separate houses on the ends) we can provide very inexpensive, safe housing.



¹⁸ Dr. Drew Miller, PhD Dissertation at Kennedy School of Government, Harvard University, “Underground Nuclear Defense Shelters and Field Fortifications for NATO Troops,” 1985



FR buys large properties adjacent to remote public forests, and builds simple, low cost buildings with large extended basements or shelters. Our large survival community can keep members spread out (virus protection) with sufficient size to keep a large guard force on duty and quickly summon all armed members to man defensive walls to deter/defeat marauder attacks. In a collapse situation, our members also will work to collect firewood, raise crops, tend livestock, hunt and fish, maintain both physical and mental health. We are fully equipped and managed by full time staff. FR is affordable because of large numbers of members and economies of scale.

We provide training to members on key survival skills, materials to stockpile at FR (private rooms or private lockers with member controlled keys), items to have in your “bug out bag” to travel to FR, and training on safely and effectively using firearms. All our locations have firing ranges, and we encourage members to stop by to use the range for practice. We provide alert warnings to members of pending threats, including recommendations on heightening preparedness to “bug out” when a bad situation is developing, and recommendations to come to FR when we declare an emergency and open up FR locations to all members.

FR is especially attractive to join because it is a recreation/vacation facility as well as a survival retreat. We locate in remote locations in mountains and forests, ideal for hiking, hunting, and all types of outdoor recreation.

Simple, shallow underground shelters offer radiation fallout shielding that might be necessary



Website:
www.fortituderanch.com

- Just a few feet of earth provides sufficient protection against blast, nuclear fallout radiation
- Shelter residents can quickly egress the shelter to man fortification walls if shelter/fort community threatened by marauders via basement stairs out or submarine exits
- Simple, low cost construction
- Spartan accommodations



Fortitude Ranch
Fortitude: mental and emotional strength in facing difficulty, adversity, or danger courageously
**Prepare for the Worst
Enjoy the Present**

Disaster Preparedness LLC

Survival Facility

- Fortitude Ranch has multiple buildings, separate rooms and air supplies, so small groups can stay separate and not spread a virus
- Basements or shallow underground shelters provide earth shielding for radioactive fallout from nuclear attack or nuclear power plant accidental release
- All members asked to store weapons at facility, serve guard duty shifts under professional staff supervision, and man defensive outer walls if a marauder threat



50 acre Fortitude Ranch WV site surrounded by George Washington Nat'l Forest

Hundreds of companies offer survival and disaster preparedness equipment and products. No company offers either a survival community facility like Fortitude Ranch, one that bundles in recreational services as well, or one that uses our “country club membership” revenue model. Most importantly, except for Survival Condo, none offer the degree of protection against the full range of threats you need to prepare for. For pandemics in particular, the vast majority of survival measures our competitors use will fail while FR members will be well protected from both the virus and marauders.

The table below compares Fortitude Ranch to other survival options by rating how the alternatives compare in meeting the 11 key survival needs, and affordability.

Assessment of Survival/Preparedness Options based on key Survival Requirements									
Scale:	10 Excellent	Location, Preparedness:	Big City	Suburban House	Backyard Shelter	Rural House	Fortitude Ranch	Mount Weather	Survival Condo
	7 Adequate								
	5 Minimal	1 Security	2	4	5	6	9	9	10
	3 Very Poor								
	1 Horrible	2 Avoid Virus	2	4	6	7	10	9	10
		3 Food	1	3	5	7	9	10	10
These are general, average ratings, largely subjective, based on many variables		4 Water	2	3	?	8	10	10	10
		5 Electricity	2	2	4	4	6	8	8
		6 Fire Protection	2	1	9	2	8	10	10
Lots of uncertainty and variance based on the specific threat situation		7 Blast Protection	2	2	10	2	6	10	10
		8 Radiation Shielding	4	3	10	4	8	10	10
		9 Heat, Shelter	5	5	8	9	8	9	10
Costs include not just facility, but equipment, supplies, security, electricity generation, requirements		10 Get to Survival Site	9	10	10	8	9	9	8
		11 Mental Health	1	3	4	6	8	9	10
		Affordability	5	5	3	4	8	N/A	1

PayPal founder Peter Thiel, is a supporter of cryptocurrency and Libertarian values of limited government and individual responsibility. In his book *Zero to One: Notes on Startups, or How to Build the Future*, Thiel argues that a great business must have a unique solution, not adding more of something familiar, but something really new, going from 0 to 1.¹⁹ There are dozens of companies building survival shelters that are too expensive for the vast majority of the population, and not suitable for surviving a pandemic where people need to be spread out with separate air supplies. Fortitude Ranch has developed a truly unique approach to solving this and many other problems in surviving a wide variety of collapse conditions, at an affordable price for members. We don't rely on blast doors or any expensive means of protection, but our unique design and membership for

¹⁹ Peter Thiel, *Zero to One: Notes on Startups, or How to Build the Future*, 2014

Section 3: Contingent Membership in Fortitude Ranch via a MemberCoin Token

Fortitudes are "utility tokens," advance purchase of memberships that allow both protection against FR membership price increases and priority in joining at times when demand for membership exceeds available space at a FR facility. It is best for you to buy Fortitude Ranch membership tokens ("Fortitudes") as a token or "cryptocurrency" that you can gift or sell via the large, rapidly growing network of cryptocurrency exchanges, keeping your digital membership token in your own "digital wallet." We provide instructions on how to set up a digital wallet and buy "Ether" to purchase Fortitudes, buying into the FR IMO when it opens on Dec 7 on our website, www.fortituderanch.com. However, if you are not comfortable with buying or dealing with digital tokens you can purchase Fortitudes by sending US dollars to Fortitude Ranch so FR can buy them for you and hold in their digital wallet as explained later in section "Buying Fortitudes Using Dollars with Tokens Held By Fortitude Ranch Until Needed."

The "Fortitude" Token: a Tradable, Advance Purchase of Fortitude Ranch Membership at a Discounted Price to fund Fortitude Ranch expansion

Fortitude membership tokens give you priority rights to buy FR membership at a lower, discounted price. If you know you need a survival option for you and your loved ones, but are not sure FR is right for you, you can buy Fortitudes to both lock in the discount price and give you priority to join when there is a waiting list to get into a FR facility.

Since Fortitudes lock in this discounted price, as FR membership prices rise over time, the value of Fortitudes will likely increase. If there is a surge in demand to join FR as a result of a major media story about a pending threat, or rising international tensions, or intelligence on a pending attack, we will not be able to meet demand for new members. Buying land and building facilities takes a year. By owning sufficient Fortitudes, you can buy insurance that you will have priority access to FR. Because of the priority FR token holders have in gaining membership when FR has a waiting list to join, the price of Fortitudes could surge since owning Fortitudes may be the only way that some new members can get into FR location in times of crisis or high demand.

Fortitudes will be sold at a 25% discount to our current cash prices in the IMO. We are offering this discount since this advance purchase is in effect an interest free loan to finance FR expansion. Token buyers who purchase in the first 24 hours of the IMO (or until Fortitudes are sold out if the \$15million sales limit is reached in the first day) receive an additional 20% savings, which equates to a 40% discount off the current cash membership price.

The table below shows the 2017 cash price of FR membership (top half) and the discounted, locked in forever Fortitude price for membership (lower half of table). Prices vary by individual, couple or family membership, and also by the privacy/quality of sleeping quarters. Fortitude tokens are good for the down payment only, not the lower quarterly or annual fees.

Fortitude Ranch Cash Membership Prices, Fortitude Token Discount Prices														
Tokens are good for the downpayment, not quarterly or annual fees														
Use of a Fortitude Token to "buy membership" means to make the downpayment														
Quarterly Fees start first quarter after joining FR														
Annual fee is a food/perishables restocking fee per person, due at start of next year (if still a member)														
Membership Cash Price (as of 2017)														
Shelter Space	Level of Luxury	Membership Length (Yrs)	Individual			Couple			Family of 3			Family of 5		
			Downpmt	Quarterly	Annual Fee									
Shared space, Available Room, Private Locker	Spartan	1	\$ 750	\$ 250	\$ 250	\$ 1,250	\$ 400	\$ 500	\$ 1,500	\$ 550	\$ 750	1750	\$ 700	\$ 1,250
		5	\$ 1,500	\$ 150	\$ 250	\$ 2,500	\$ 300	\$ 500	\$ 3,000	\$ 450	\$ 750	3500	\$ 550	\$ 1,250
		10	\$ 2,500	\$ 100	\$ 250	\$ 4,000	\$ 200	\$ 500	\$ 5,000	\$ 350	\$ 750	6000	\$ 400	\$ 1,250
		50	\$ 5,000	\$ 75	\$ 250	\$ 7,500	\$ 150	\$ 500	\$ 9,000	\$ 200	\$ 750	10000	\$ 300	\$ 1,250
Private space, Storage in room	Spartan	1	\$ 1,125	\$ 375	\$ 250	\$ 1,875	\$ 600	\$ 500	\$ 2,250	\$ 825	\$ 750	2625	\$ 1,050	\$ 1,250
		5	\$ 2,250	\$ 225	\$ 250	\$ 3,750	\$ 450	\$ 500	\$ 4,500	\$ 675	\$ 750	5250	\$ 825	\$ 1,250
		10	\$ 3,750	\$ 150	\$ 250	\$ 6,000	\$ 300	\$ 500	\$ 7,500	\$ 525	\$ 750	9000	\$ 600	\$ 1,250
		50	\$ 7,500	\$ 115	\$ 250	\$11,250	\$ 225	\$ 500	\$13,500	\$ 300	\$ 750	15000	\$ 450	\$ 1,250
Private space, Storage in room	Economy	1	\$ 1,500	\$ 300	\$ 250	\$ 2,500	\$ 800	\$ 500	\$ 3,000	\$ 1,100	\$ 750	3500	\$ 1,400	\$ 1,250
		5	\$ 3,000	\$ 300	\$ 250	\$ 5,000	\$ 600	\$ 500	\$ 6,000	\$ 900	\$ 750	7000	\$ 1,100	\$ 1,250
		10	\$ 5,000	\$ 200	\$ 250	\$ 8,000	\$ 400	\$ 500	\$10,000	\$ 700	\$ 750	12000	\$ 800	\$ 1,250
		50	\$10,000	\$ 150	\$ 250	\$15,000	\$ 300	\$ 500	\$18,000	\$ 400	\$ 750	20000	\$ 600	\$ 1,250
Discounted Price for Fortitude Token Holders when paying with Tokens for at least 50% of Membership Purchase (any time in future)														
Shelter Space	Level of Luxury	Membership Length (Yrs)	Individual			Couple			Family of 3			Family of 5		
			Cash Downpmt	Discounted Price	# FRT to buy	Cash Downpmt	Discounted Price	# FRT to buy	Cash Downpmt	Discounted Price	# FRT to buy	Cash Downpmt	Discounted Price	# FRT to buy
Shared space, Available Room, Private Locker	Spartan	1	\$ 750	\$ 563	5.63	\$ 1,250	\$ 938	9.38	\$ 1,500	\$ 1,125	11.25	\$ 1,750	\$ 1,313	13.13
		5	\$ 1,500	\$ 1,125	11.25	\$ 2,500	\$ 1,875	18.75	\$ 3,000	\$ 2,250	22.50	\$ 3,500	\$ 2,625	26.25
		10	\$ 2,500	\$ 1,875	18.75	\$ 4,000	\$ 3,000	30.00	\$ 5,000	\$ 3,750	37.50	\$ 6,000	\$ 4,500	45.00
		50	\$ 5,000	\$ 3,750	37.50	\$ 7,500	\$ 5,625	56.25	\$ 9,000	\$ 6,750	67.50	\$ 10,000	\$ 7,500	75.00
Private space, Storage in room	Spartan	1	\$ 1,125	\$ 844	8.44	\$ 1,875	\$ 1,406	14.06	\$ 2,250	\$ 1,688	16.88	\$ 2,625	\$ 1,969	19.69
		5	\$ 2,250	\$ 1,688	16.88	\$ 3,750	\$ 2,813	28.13	\$ 4,500	\$ 3,375	33.75	\$ 5,250	\$ 3,938	39.38
		10	\$ 3,750	\$ 2,813	28.13	\$ 6,000	\$ 4,500	45.00	\$ 7,500	\$ 5,625	56.25	\$ 9,000	\$ 6,750	67.50
		50	\$ 7,500	\$ 5,625	56.25	\$11,250	\$ 8,438	84.38	\$13,500	\$ 10,125	101.25	\$15,000	\$ 11,250	112.50
Private space, Storage in room	Economy	1	\$ 1,500	\$ 1,125	11.25	\$ 2,500	\$ 1,875	18.75	\$ 3,000	\$ 2,250	22.50	\$ 3,500	\$ 2,625	26.25
		5	\$ 3,000	\$ 2,250	22.50	\$ 5,000	\$ 3,750	37.50	\$ 6,000	\$ 4,500	45.00	\$ 7,000	\$ 5,250	52.50
		10	\$ 5,000	\$ 3,750	37.50	\$ 8,000	\$ 6,000	60.00	\$10,000	\$ 7,500	75.00	\$12,000	\$ 9,000	90.00
		50	\$10,000	\$ 7,500	75.00	\$15,000	\$ 11,250	112.50	\$18,000	\$ 13,500	135.00	\$20,000	\$ 15,000	150.00

To help you interpret FR membership pricing, two examples below:

1. The current cash price of a 1 year Individual membership in a Spartan, shared space is \$750 down payment with later quarterly fees of \$250 and an annual restocking fee of \$250. If you buy this membership later with Fortitudes the effective down payment is not \$750 but \$563 (25% discount) payable with 5.63 Fortitudes (purchased in IMO at a price of roughly \$100 per Fortitude, less if you buy during the first 24 hours of the IMO)
2. A Family of 3 desiring Private Space, Spartan level of luxury, with a 5 year membership, would pay 33.75 Fortitudes, and then a \$675 quarterly payment, \$750 annual fee

Tokens can be used for partial payment on membership. Priority for token holders to join when a waiting list forms only applies when at least 50% of tokens needed for membership are used. We set this hurdle because otherwise tokens could be an impediment to membership sales—people could buy a tiny amount of Fortitudes to get priority in line. The table below shows some examples of different types of FR membership purchase using all FRT or partial FRT/cash payments:

Example of Fortitude Token Use to Purchase FR Membership					
		Price:		Example Transaction:	
		<u>Cash Price</u>	<u>FRT price</u>		
		(as of 2017)	(forever)	<u>Cash</u>	<u>FRT</u>
<u>100% paid with tokens:</u>					
Individual, 1 year membership, Shared Space		\$ 750	5.63	0	5.63
<u>50% paid with tokens:</u>					
Couple, 5 year membership, Economy		\$ 5,000	37.50	\$ 2,500	18.75
<i>less than 50% use of Tokens allowable--but no priority for joining</i>					
<u>15% paid with tokens:</u>					
Family of 5, 50 year, Private room, Spartan		\$ 15,000	112.50	\$ 12,750	16.88

Fortitudes can also be used for quarterly payments and annual fee payments. The exchange rate for Fortitudes to dollars for quarterly and annual fee payments will always be 1 Fortitude = 100USD. Thus any “left over” Fortitudes that an individual does not use to do the initial, large down payment of membership can still be used.

The table below shows the number of Fortitudes needed for different types of FR membership purchase:

Fortitudes Needed to Purchase Membership in Fortitude Ranch (any time in future)									
<u>Shelter Space</u>	<u>Level of</u>	<u>Membership</u>	<u>Individual</u>		<u>Couple</u>		Family of 3		Family of 5
	<u>Luxury</u>	<u>Length</u>	Number of Fortitudes to pay for 100% of downpayment						
Shared space, Available Room, Private Locker	Spartan	1	5.63		9.38		11.25		13.13
		5	11.25		18.75		22.50		26.25
		10	18.75		30.00		37.50		45.00
		50	37.50		56.25		67.50		75.00
Private space, Storage in room	Spartan	1	8.44		14.06		16.88		19.69
		5	16.88		28.13		33.75		39.38
		10	28.13		45.00		56.25		67.50
		50	56.25		84.38		101.25		112.50
Private space, Storage in room	Economy	1	11.25		18.75		22.50		26.25
		5	22.50		37.50		45.00		52.50
		10	37.50		60.00		75.00		90.00
		50	75.00		112.50		135.00		150.00

To illustrate the value of having a tradable membership token, consider a family of 3 that wants to join Fortitude Ranch when our new location in Wisconsin is built. To lock in the 25% discounted price and, get both protection from price increases plus priority to join if a wait list forms, they purchase 11.25 Fortitudes at a cost of about \$1,125 during the Initial MemberCoin Offering. A poor family of 3 that wants protection, decides to purchase just 6 Fortitudes, knowing that as long as they can do at least 50% of the payment in Fortitudes, they also get priority to join when a crisis or

news of a pending disaster leads to a spike in demand to join FR. Later, the wealthy family moves to a rural area where they feel safe, and decides to give half of their Fortitudes to friends in a big city who need FR protection. During a crisis when the price of Fortitudes jumps, they sell their remaining Fortitudes at a big profit.

Fortitudes will be ideal as a gift to friends and family. In our test sale of FR membership, we often heard elderly say that they were less interested in buying membership for themselves than buying FR membership for their sons, daughters and grandchildren. Fortitudes will be an especially valuable gift for those who live in major cities or suburban areas that will be particularly hard hit and high risk in a pandemic or long term electric outage or other major disaster. Some may also regard Fortitudes as a form of insurance—offering priority rights to join FR when there is excess demand and some “peace of mind” from this priority placement and right to buy in at the discounted price.

A maximum of 150,000 Fortitudes will be sold, and an additional 20% for company reserve and later sale, yielding a maximum of 180,000 Fortitudes. No further Fortitudes will be issued and the number will decline over time as they are used to purchase FR membership.

Fortitude Token is a “Contingent Membership” in Fortitude Ranch: A guarantee of Priority to Join in a Crisis when we have inadequate capacity, plus access to training and social events

Unlike tokens that have no underlying assets and measures of value—Fortitudes have our membership price as a rising base of worth. While some tokens have risen in price, some tokens from ICOs with a promise of future software development that may yield a business have fallen in value or become worthless. Unless the FR business fails, which we see as extremely unlikely (risks described in later section of this paper), Fortitudes should maintain their value and strong worth as a discount and priority standing for FR membership in times of inadequate capacity to meet demand.

Fortitude Tokens may increase in value since the Fortitude Token is useful for membership purchase at any time, at a fixed, discount price. The dollar price of Fortitude Ranch membership is likely to increase over time. Buying a token is a way to lock in your right to purchase an affordable membership in FR. The value of Fortitudes may jump in price in the event of a big disaster or media “event” that motivates more people to prepare for a collapse since it offers priority placement when there is a waiting list to join. No additional Fortitudes will be created after this IMO, and the number in circulation will fall over time as Fortitudes are used to buy membership and destroyed. This decline in the number of Fortitudes may also lead to a rise in Fortitude price.

Fortitude Tokens are first priority for purchasing memberships when we have capacity at a FR location. Not sure if your spouse will agree to FR membership? This was the most common objection we got during our test sales—one spouse wanted to join, the other was reluctant, or needed more time to decide. If you buy Fortitudes and later decide it’s not for both of you, then you can sell your tokens. Some may want to purchase Fortitude Ranch tokens and save them to transfer to friends or relatives most in need of our survival facilities down the road. Fortitude Ranch tokens are freely transferable, so you can give or sell them to anyone.

If your financial situation changes, or you move from being near a future FR site to a location you consider too far, then you can sell your Fortitudes. You are not committed to spending on FR membership until you convert your Fortitudes to FR membership. The Fortitude is in effect

insurance that you can buy access to FR, a “contingent membership” in FR. In addition to never issuing any further Fortitudes, Fortitude Ranch also pledges to never give any other group priority to join FR over Fortitude holders. Anyone with Fortitudes adequate to make at least 50% of the payment for a new FR membership will always be given highest priority to join.

While we encourage members to use their Fortitude Tokens to purchase memberships now to enjoy Fortitude Ranches recreational facilities, store your personal survival supplies at your home fort facility, and participate in survival training exercises, many may want to hang onto their tokens as an insurance policy to buy future membership when prices are higher. It is dangerous to assume that you can wait until a pandemic is spreading, or solar flare warnings for electric system destruction are issued, or nuclear attack is pending—there likely won’t be warnings of many disasters, and FR has limited capacity to quickly add facilities for new members. Since the focus of FR is ensuring the survival of our members, we will not be processing new memberships when we declare an emergency and advise our members to get to FR immediately—our staff will be focused on in-processing members, bringing in our surge livestock at some locations, and keeping our facilities secure. The value and price of Fortitudes may spike since they offer priority in obtaining a membership slot as well as the fixed lower price, but we recommend priority on survival, not making money on token trading.

As detailed elsewhere in this White Paper, Fortitude token owners will be asked to vote on issues like recommending new FR locations, and will be invited to some FR member events such as survival skill training, open houses, and social events. This is another reason why we consider Fortitude holders to be contingent members—you are part of the FR community, even though you have not fully joined yet.

Fortitudes do not give you any equity interest in the company, claim on profit, or anything like an equity shareholder’s stake in the company. However, if the SEC ever later rules that utility tokens will be treated like an equity offering, an appendix to the Fortitude Ranch white paper does provide the full disclosures that an equity investor would receive with regards to FR financials, operational details, and risks an equity investor would face. Since fortitudes have membership rights that are only worthwhile as long as FR is up and running, you may want to read these details on the operation of the company. We are not issuing equity under SEC regulations D or A+ or Crowdfunding because they would prevent us from advertising the opportunity and effectively force us to limit these discount membership sales to accredited investors—rich people. We believe it is fundamentally wrong, immoral (and unconstitutional since the Constitution does not give the federal government this right to regulate citizen’s investments or spending, and the 10th Amendment clearly says the federal government may not issue laws dealing with any area not specifically granted in the Constitution) for Big Government and the Nanny State to bar the vast majority of the population from such opportunities.

The promotion and sale of Fortitudes enables non-wealthy Americans, and anyone around the world who wants to purchase Fortitudes, the freedom to purchase advance membership in FR that could save their life. In America, if we raised funds to expand Fortitude Ranch via an equity raise we would be forced to limit this life-saving opportunity to wealthy individuals and institutions. Only the wealthy would have the opportunity to buy advance memberships in Fortitude Ranch at a discounted price. Blockchain technology, cryptocurrency, and ICOs are helping to liberate Americans from the overreach of Big Government and the Nanny State.

We are not implementing any “Know Your Customer” requirements for Fortitude purchases since we are not offering a security, not banning sales to non-accredited (poor and middle class) investors,

not engaged in any banking practices, and because we respect and enforce the right of Preppers to keep their preparations confidential. When Fortitude tokens are exercised to become a member of FR the staff does meet, evaluate and approve the mental stability of prospective members, and if approved will know and record the names of members—with this data going into our blockchain secured member database (addressed later in this report). We will never disclose our member names to any government authority.

IMO Structure, Schedule, and Bonuses

IMO Fortitude token sales begin on Dec 7 at noon central time. Our IMO will be open from Dec 7 to Jan 30, or until we reach our limit of 150,000 Fortitudes sold (roughly \$15 million sales in U.S. dollars). Our online support line to take calls with questions or assistance in buying Fortitudes, 719-985-5100, will be manned from 9AM to 5PM Central Time during this period, and emails can be sent to drmiller@bchainconsult.com.

A 20% discount on the Fortitude price will be available during the first 24 hours of sale on Dec 7 from noon Central Time until Noon on Dec 8.

Since we are an established business, we have no minimum sale amount for Fortitudes. We are emailing a waiting list of people interested in joining FR and our WV location will be ready to re-open for new membership sales with a small amount of new construction. Our maximum is 150,000 membership tokens sold. We are cutting off the pre-membership sales at \$15 million because this is adequate to ensure build out of our goal of 12 sites across the United States and an international location that can shelter about 10,000 people. An additional 20% of the balance of Fortitude tokens sold will be issued to FR for possible future use if needed to raise more funds.

The funds are for expanding FR—not enriching owners of FR. There is no token issue to FR staff or owners, nor will any of the token proceeds be used to pay a bonus or cash out for any FR staff or owners. IMO Advisors will be issued up to 400 Fortitude tokens (less than 1% of the total if \$15MM in IMO revenues). The funds will be recorded on FR books as “Unearned Revenues”. The cash generated will be used to purchase land for our Wisconsin and Nevada sites, complete the build out of our partially built West Virginia site, and build out our Colorado FR location. If we are on the upper end of the \$15 million maximum pre-membership sales, we will also buy land and begin construction at the additional 8 sites planned across the U.S. and an international location.

We will hold a 20% reserve of token sales (under the same terms as original) for future sale if needed. The IMO will be the only Fortitudes we will ever issue, authorize, recognize, or accept. As Fortitudes are used for membership purchase they are destroyed, so the number of available Fortitudes will decline. Eventually all are likely to be used for membership purchase. FR will sell its remaining 20% of tokens later if we do need additional capital to continue expansion; or we may have sufficient cash from on-going sales and never sell these retained Fortitudes. They will never be sold to pay bonuses to FR staff or to FR equity owners. We will not sell any of our reserve Fortitudes within 6 months of the IMO close.

We regard the issue of Fortitude Ranch tokens as a turning point in ICOs from a focus on developing new blockchain technology to using and proving the power of established blockchain technology and cryptocurrencies for all kinds of businesses. A later section of this paper explains the many uses of blockchain technology at Fortitude Ranch.

We will work to get FRT tokens listed on major cryptocurrency exchanges and expect that most major exchanges will gladly list and facilitate sale and trade of Fortitudes. If this does not happen or, if over time Fortitude trading falls to a low level as they are used for FR membership and retired, FR will list exchanges on its website and, if necessary, offer to help buyers and sellers connect.

The Ether (ETH)-U.S. Dollar (USD) -Fortitude (FRT) price will be set on December 6 and posted on all official FR IMO sites. The ETH price of FRTs will be set at this date/time such that 1 FRT equals 100 USD. For example, the ETH-USD-FTR prices as of Oct 14: 337.38 USD per 1 ETH, or 3.3738 FRT per 1 ETH price (to price 1FT at 100USD). During the first 24 hours of IMO FRT token sale, the ETH price will be reduced 20%. If not sold out on during the first 24 hours (Dec 7-8 Noon Central Time), the FRT token price will revert to the full ETH price on the second day of the IMO.

The minimum purchase of Fortitudes will be set at 0.1 Eth (roughly \$30). Prospects will be advised of the number of Fortitudes needed to purchase FR membership and encouraged to buy at least as many as needed to ensure they have sufficient Fortitudes to join at whatever level (individual, family, type of accommodation) they want for as many people as they want to ensure can get FR membership.

150,000 FRT tokens will be offered to the public through our IMO crowd sale. The sale will continue until 150,000 FRT tokens are sold or we cease the IMO on January 30.

When the final sale of FRT is finished, the number of FRTs issued will be tallied and an amount equal to 20% of this total will be coined as FRT and held in reserve by Fortitude Ranch for possible future use. No additional FRTs will ever be created. Unsold tokens will be burned (destroyed). When Fortitudes are exchanged for membership in FR they will be destroyed.

Tokens will be released to buyers immediately upon purchase.

The ICO smart contract code will be made publicly available on GitHub prior to the beginning of the sale. The crowd sale contract address and starting ETH block number will be announced on official FR IMO sites.

Unless construction proceeds faster than scheduled, Fortitude tokens may not be exercised to buy FR memberships until:

- May 1, 2018 for FR WV (FR WV has members now, but no capacity to accept new members until new construction and expansion is done with funds from this IMO is completed)
- Sep 1, 2018 for FR CO
- Nov 1, 2018 for FR WI (assuming at least \$4 million funds raised)
- Sometime in 2019 for FR NV (assuming at least \$5 million funds raised)
- Depending on the size of our IMO and degree of additional sales, other locations in the U.S. and likely other countries will likely be opened that will accept Fortitudes at the fixed rate of membership purchase

If we are ready to resume membership sales before these dates we will post this information and accept Fortitudes for membership earlier than the above dates.

With a minimal, \$2MM pre-membership sale, we can build out FR WV and FR CO. We would not have sufficient funding for FR WI and NV from the IMO, but will eventually expand with earnings from sales, use of mortgage loans, an equity raise, or other means.

Buying Fortitudes Using Dollars with Tokens Held By Fortitude Ranch Until Needed

If you do not want to deal with cryptocurrency purchase complications or private key risks, you can buy Fortitudes direct from Fortitude Ranch starting November 15, and during the main IMO online sale starting Dec 7 as long as Fortitudes are available. We recognize that some people are intimidated by cryptocurrencies and blockchain, and the risks of compromising private keys. All Fortitudes will be issued the same way under similar terms, but you can purchase Fortitudes without buying Ether and setting up a digital wallet by mailing or wiring funds to FR with your personal information. FR will then buy the Fortitudes for “Not Ready For Tokens But Want In” (NRFTBWI) customers, on their behalf, and hold them for the owners future use to buy membership. If NRFTBWI token holders later decide they do prefer having freely tradable Fortitudes we will transfer them to their private wallet after verifying identity.

FR will execute the purchase of Fortitudes on behalf of NRFTBWI future members and segregate these tokens in company controlled, multi-sig wallets. They will eventually be vaulted in a FR controlled account. FR will maintain the names and contact information of these NRFTBWI owners in an off-line database (never online where the information could be hacked or compromised).

NRFTBWI buyers should mail a check or wire funds by Dec 6 to be sure you make the IMO start deadline on Dec 7. Funds received in time will be used to buy Fortitudes during the 20% discount period starting Dec 7 at noon central time (based on a dollar discounted price, not Ether). NRFTBWI funds that arrive later will be invested in Fortitudes as long as the IMO is still going. If the IMO ends before this process can be completed, the funds will be returned.

Another reason you may want to buy Fortitudes via the NRFTBWI process, sending in funds before Dec 2, is to be sure you are not too late buying online during the IMO. It is possible that many large buyers of Fortitudes could purchase all available Fortitudes, with the \$15 million sale limit reached in the first few minutes. This has happened in some ICOs. If you do not have experience in buying and handling cryptocurrencies, you may find it takes some attempts to go through the steps. The conversion of dollars and other fiat currencies to Ether can take several days, and the online purchase of Fortitudes requires the Ether cryptocurrency.

Procedures for mailing or wiring in funds to sign up for Fortitudes are laid out on the website, www.fortituderanch.com. Beware of hackers and thieves sending out emails or attempting to misdirect you to send funds to any other location: be sure you are on the FR website and check the spelling to be sure it is an exact match.

Official channels of communication for the Fortitude Ranch Initial MemberCoin Offering

Beware of phishing attempts and misdirects by thieves to lead you to send funds to their websites. Be 100% positive you are on the www.fortituderanch.com website, spelled absolutely as shown.

- Webpage: <https://www.fortituderanch.com>
- Twitter feed: <https://twitter.com/.....>
- Slack: <https://fortituderanch.slack.com/>

- Facebook page: <https://www.facebook.com/fortituderanch/>

The token sale code is available, published at:

<https://github.com/FortitudeRanch/Fortitudes-MemberCoin>

For questions or concerns on IMO issue, contact drmiller@bchainconsult.com

How we are using Blockchain Technology at Fortitude Ranch

The issue of tokens for Fortitude Ranch marks a turning point in ICOs from developing new blockchain technology to using and proving the power of established blockchain technology. We are not developing new blockchain software or systems, but applying existing blockchain capabilities in our operations as well as in this IMO.

Blockchain technology is not just used in Fortitudes, but plays a vital role in many aspects of FR business operations. The most important blockchain application at FR is to keep our membership database absolutely secret. The first rule of prepping is don't tell anyone you're a prepper. When a disaster strikes, you do not want to be overwhelmed with neighbors or relatives begging for food and ammo, or besieging you to take them with you to your survival location. Many also are concerned about Big Government knowing they have survival capabilities. Preppers prefer to keep the fact that they have survival plans and a "bug out" location secret. Fortitude buyers have anonymity, protection from the prying eyes of criminals and Government.

The security of blockchain is also vital for our membership database because it contains the authentication pass codes of our members. FR will use Hyperledger Fabric for our private blockchain membership database. FR must also have an absolutely secure, up to date, readily accessible member database because in the event of a disaster, Fortitude Ranch members can go to any of our locations, not just their "home fort." Members won't know the staff there, but they can verify your membership through the secure member list and your entry passwords and challenge responses in the blockchain secured, distributed member list. In a pandemic when people attempt to enter a locked down FR facility, guards will challenge approaching people from a distance (avoiding a virus as well as for greater security) and go through an identity validation process using challenge questions and responses unique to every member. This information is never posted on a website, and secured for update transmissions to FR staff via blockchain technology.

Fortitude Ranch staff will not disclose either our membership list or information we have on Fortitude token holders to any outside party, including government officials. Fortitude Ranch has nothing to do with "private militias" (not that we are against them—there are many great state and private militias that may prove vital in disasters) and we are not anti-government. Our Founder and CEO is a USAF Academy graduate and retired USAF Reserve Colonel. We do have concerns with government regulatory overreach, violations of personal freedom and privacy, and rampant disregard of the key Constitutional provision of the 10th Amendment in the Bill of Rights that was supposed to be a guarantee of protection from government violation of personal freedom. Thus, we are enthusiastic supporters of blockchain's power to protect individual privacy. If we are ever asked to turn over the FR membership list or Fortitude token holder identity, we will refuse. Since buyers of Fortitude Ranch tokens are not equity investors or owners of the company, the government has no basis or right to demand membership information. Unless they choose to disclose to us, Fortitude owners will be anonymous due to blockchain account privacy. Once a Fortitude is exercised to purchase FR membership, we do require your real name and identity—

which we need to verify membership and your entry into a secure FR facility. This information will go into our private blockchain secured member database. If a future regulation requires disclosure of members of our organization, we will refuse to comply. Dr./Colonel Miller will go to jail before he violates our guarantee of privacy for Fortitude Ranch members. Only a trusted few members of the Fortitude Ranch staff (some at each location obviously) will have the codes to open the Fortitude Ranch membership list.

Many Preppers are switching from gold coins to cryptocurrency as a post collapse store of wealth.²⁰ While likely not available during the catastrophe, when an Internet returns, computers with the blockchain record can resume (and Fortitude Ranch will keep a computer with our blockchains stored in EMP protected shelter). Many government run fiat currencies may become worthless and never recover. Some Preppers also prefer a currency that is not controlled by irresponsible, self-serving, corrupt government.

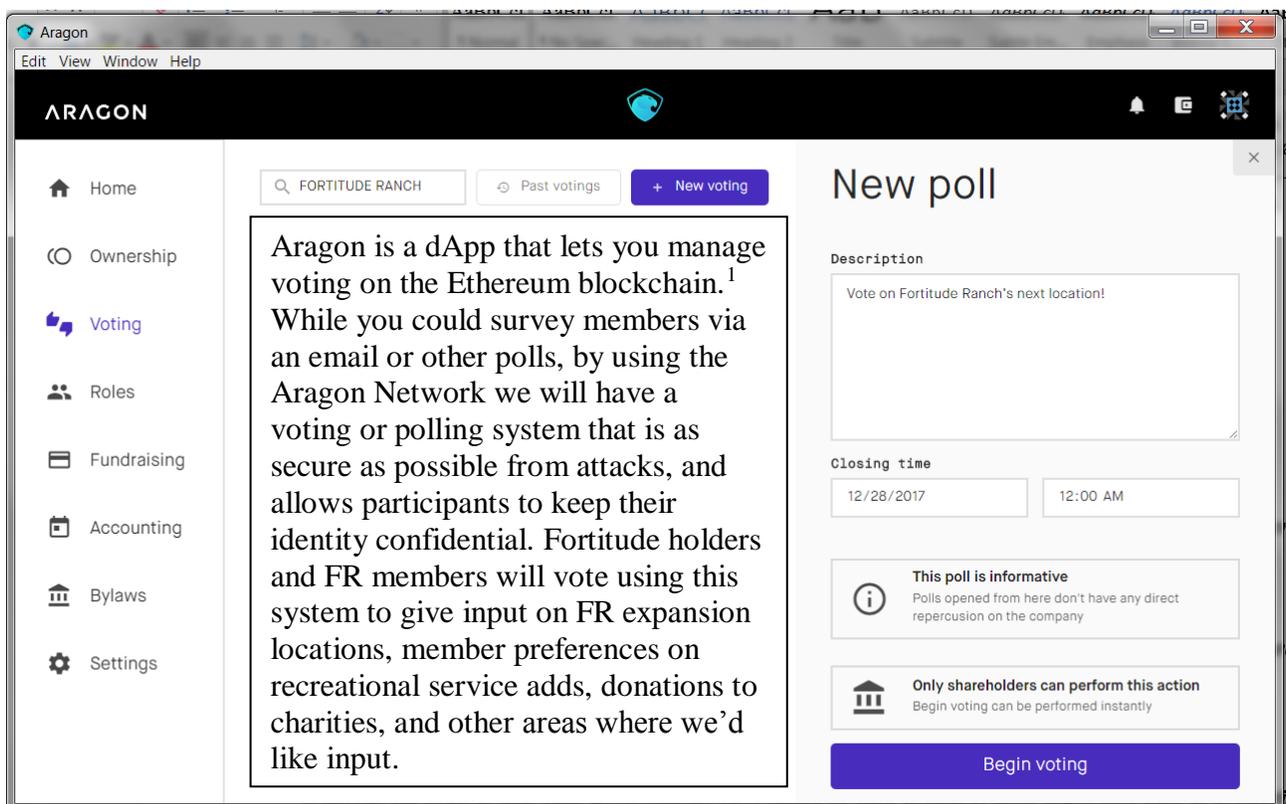
For the IMO we are suing the Ethereum blockchain, an ERC20 token, and Smart Contracts to execute the Fortitude token sale. The Fortitudes token holder's rights of fixed membership purchase and priority membership recorded in the smart contracts and locked into the Ethereum blockchain, buyers can be confident that their Fortitude purchase and membership purchase rights cannot be altered. The accounting for and transfer of Fortitudes is reliable because we use blockchain the "system for electronic transactions without relying on trust" first proposed by Satoshi Nakamoto and proven in the bitcoin blockchain.²¹ Because Fortitude purchasers buy and own tokens via the Ethereum public blockchain, and our purchase contract of fixed price, priority membership is also recorded there, Fortitude buyers can trust that they have a secure, unhackable, reliable record of their future membership purchase and our commitment to them.

Blockchain technology will also be used at Fortitude Ranch to vote and offer their recommendations to FR staff in a secure/fast/inexpensive manner, to let members trade goods and their reserved dates for recreational use of FR facilities, and to handle the sale and trading of Fortitudes.

²⁰ Eddie Van Der Walt, "These Doomsday Preppers Are Starting to Switch From Gold to Bitcoin," Bloomberg, November 19, 2017, <https://www.bloomberg.com/news/articles/2017-11-20/can-bitcoin-survive-an-apocalypse>

²¹ Satoshi Nakamoto, "Bitcoin: A Peer-to-Peer Electronic Cash System," satoshin@gmx.com, www.bitcoin.org, 2008, p. 8

We plan to use the Aragon blockchain voting application, shown below:



Another blockchain application we will add at FR is a trading token, a “Fortitrade,” that members can use to trade/sell recreation reservation days at Fortitude Ranch and supplies. FR members can reserve days to visit any FR location, but a limited number so the facilities are not crowded. Some holidays will have excess demand. A trading system will allow FR members to trade both their reserved vacation days and goods they store at FR locations (every member has a private room or a locked private locker). Due to the privacy concerns most FR members never want to disclose their identity or membership, so we need a system that allows anonymous, secure accounts for trading—an ideal application of blockchain technology. For example, a FR member in Colorado may transfer to the Nevada FR location when that opens, and want to sell or trade ammunition or other supplies stored at FR CO to a member there.

Many ICOs have been to develop new blockchain technology and new applications of this revolutionary, powerful innovation. There have been ICOs to raise funds for Aquariums and other purposes, but the Fortitude Ranch IMO signals a turning point in use of ICOs not as a means to fund blockchain technology development, but to leverage the power of this now proven, valuable, reliable technology for mass use in business. Another reason blockchain and Fortitude tokens are valuable for our business is that it can create a force of Fortitude Ranch promoters, spreading the word on the need for protection and the value of a survival community like FR. Fortitude Ranch is applying existing blockchain technology, much of it developed via previous ICOs, to prove that “blockchain mania” as *Fortune* magazine termed it on their Sep 2017 cover, is completely sound and ready for business use. While huge institutions trying to protect their position of power and wealth, controlling information and access, and some governments, may fight this technology, Fortitude Ranch will use blockchain technology now for our operations and to empower individuals to survive the coming collapse.

The Fortitude Ranch Team

Founder and CEO of Disaster Preparedness LLC (dba Fortitude Ranch) is Dr. Drew Miller. Drew is a USAF Academy honor graduate, intelligence officer, and retired Colonel. He received an academic scholarship to Harvard University where he earned a Master's Degree and PhD. His PhD dissertation was on underground nuclear defense shelters and field fortifications. After serving as an intelligence officer on active duty, Drew entered the reserves and started a business career. He served as a Manager of Corporate Planning and Development at ConAgra Inc. (a Fortune 25 Food and Agriculture Company), VP of Business Development for Securities America, a broker-dealer, and President of Heartland Management Consulting Group. He served on the Board of Directors of several companies and as a consultant at the top DoD think tank and in the Senior Executive Service in the Department of Defense. His knowledge and experience in local government as a County Commissioner is valuable since the company may sometime need special use permits from local county governments. Drew also served as a University of Nebraska Regent. He is author of *Rohan Nation: Reinventing American after the 2020 Collapse*. The book lays out likely causes of the disasters Drew believes are going to occur, especially the viral pandemic threat, and illustrates how difficult surviving and recovering will be.



He served as a Manager of Corporate Planning and Development at ConAgra Inc. (a Fortune 25 Food and Agriculture Company), VP of Business Development for Securities America, a broker-dealer, and President of Heartland Management Consulting Group. He served on the Board of Directors of several companies and as a consultant at the top DoD think tank and in the Senior Executive Service in the Department of Defense. His knowledge and experience in local government as a County Commissioner is valuable since the company may sometime need special use permits from local county governments. Drew also served as a University of Nebraska Regent. He is author of *Rohan Nation: Reinventing American after the 2020 Collapse*. The book lays out likely causes of the disasters Drew believes are going to occur, especially the viral pandemic threat, and illustrates how difficult surviving and recovering will be.

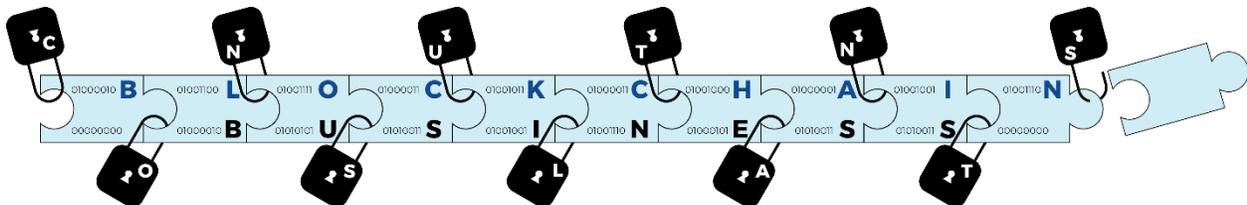
The CEO also serves as the CFO. Dr. Miller is a Certified Management Accountant, Certified Mergers & Acquisition Advisor, and a Certified Financial Planner. He has served on the audit committee of public companies.

Dr. Miller has been working with the original founders of FR for five years, continually improving the design and the methods we have developed to deal with problems and complications that could arise when the economy is shut down for months or years, and there is widespread, long-lasting loss of law and order.



Our lead blockchain developer is Aaron Jaramillo is a specialist in Ethereum smart contracts and advanced Bitcoin blockchain technology. He served as the Chief Technology Officer and blockchain developer for another ICO. Aaron’s programming skills and experience include Ethereum, Solidity, Libbitcoin, Bitcoin blockchain, JavaScript, C++, Python, Django, and Kivy. He was a junior test developer at Emser Tile, and has been working blockchain development projects as an independent contractor for the past two years. Aaron was a Computer Science major at the University of Colorado, Boulder.

Members of the FR Information Technology team also work with Dr. Miller in Blockchain Business Consultants (www.bchainconsult.com).



Our Operations and Sales VP is Rick Cox, who has served over 20 years in the Telecommunications industry in a wide range of sales and marketing assignments. Rick is an Army veteran, with extensive experience in disaster planning and training exercises from both Army experience (Nuclear Biological and Chemical defense and intelligence), work in local emergency response teams, and consulting for public and private sector organizations in disaster planning and response exercises. He has served in the Citizens Corps Council and Community Emergency Response Team, and is a member of Infraguard, the FBI sponsored partnership with critical private sector infrastructure companies. He served in Capstone 14, a multi-state exercise to test plans for a major New Madrid Fault earthquake

disaster, and helps train First Responders on emergency preparedness. Rick has a Bachelor of Arts, Business degree from Northeastern Illinois University, and an Associate of Arts, Business Management degree from the University of Maryland. Rick will help Drew manage FR operations and focus on building the sales program at FR.

Rick Cox and Rick Bourne, a Wisconsin realtor and attorney, will also serve as Managing Members for FR Wisconsin. Both have decades of prepper experience and great connections in the prepper industry. They have worked with Dr. Miller for years in developing and testing the FR business. In addition to helping on corporate policy and decisions, they will operate the WI FR site when that is acquired and opened up with this IMO if we have \$3 million in pre-membership sales.

Our Foodservice Manager is a district manager in a large national restaurant chain and helped develop and build the prototype FR shelter in CO. He has substantial business startup experience. In addition to overseeing FR food stockpiles and food plans, he will help man the CO FR location

during a crisis. He is a close friend of Drew Miller and will be assisting FR at no compensation other than possible incentive stock awards later (no Fortitudes awarded to any FR staff member).

We have Ranch Managers already on duty or lined up for all three sites. At FR WV, we have a couple who has run the B&B the past few years and have the right combination of sales, hospitality, and handyman expertise. At FR CO, a former Marine, outdoor enthusiast, is living in the current house, renovating it, and building gardens. At FR WI, Rick Bourne and Rick Cox will serve as initial Ranch Managers while we are building. Once FR WI is ready to operate we will hire a full time Ranch Manager.

IMO Advisors



James Barry is a former IBM executive and leading Blockchain expert, serving as an advisor on several ICOs. James was an early innovator in Software As A Service applications, Open Source and overall using the Internet as a service delivery medium, and served on specification committees for HTTP 1.0 & 1.1, XMPP 1.0 as well as writing the bylaws for the Apache Foundation. As a senior executive, he negotiated and built major partnership relationships with companies like SAP, HP, Major Banks and Financial organizations. He worked on building out a secure Blockchain based IOT platform initially aimed at large industrial Internet Of Things installations, and is currently working on a Small Business Innovation Research Grant from the US government, the first US grant covering blockchain innovation. James has served as an advisor to high growth tech companies, including Clout.io,

BurstIQ.com, TheLevelMarket.com and many others.



Larry Hall

Larry Hall is CEO of Survival Condo, the best survival facility citizens can purchase. Larry has completed and sold out one Survival Condo facility and is building out others now. Larry has over 25 years experience in high tech medical and military application development, working with NASA, Northrop Grumman, AT&T Wireless, Verizon Wireless, Harris Corporation, and other corporations.



Michael Johns is an American conservative commentator and writer, a former speechwriter for President George H. W. Bush, and a leader and spokesman in the Tea Party movement. A health care executive with extensive experience in sales, Michael was a VP for Electric Mobility Corporation and Gentiva Health Services, the world's largest home health care company. Mr. Johns was a policy analyst and editor at The Heritage Foundation.

Full Disclosure and Accountability for

Fortitude Token Holders

We want both Fortitude holders and FR members to be sure the money from this IMO goes into the construction and improvement of new Fortitude Ranch facilities, and is not used by the staff of owners of Fortitude Ranch for personal benefit. Authenticity and transparency are core principles of the blockchain and cryptocurrency community. Thus, we have a uses of funds exhibit below that shows our anticipated use of funds.

Use of Fortitude Ranch IMO Funds			
<u>\$2MM</u>	<u>\$5MM</u>	<u>\$15MM</u>	
<u>member sales</u>	<u>member sales</u>	<u>member sales</u>	
\$0	\$0	\$0	Bonuses or payouts to staff or FR owners
\$40,000	\$40,000	\$40,000	IMO Advisor payments
\$70,000	\$70,000	\$70,000	IMO expenses (IT, audit, legal, marketing)
\$0	\$450,000	\$2,500,000	Land Purchases
\$1,890,000	\$4,440,000	\$12,390,000	Buildings, Equipment, FR Operations
2	4	13	# of FR locations after buildout
1,200	2,400	7,800	FR membership capacity

More details on FR expenses and our projected financials are provided in Attachment 5. There is no plan for any dividends to shareholders for at least the next several years—our emphasis is on expanding FR locations so we can serve and save more people. Fortitude Ranch officers and equity owners expect to make their profits via membership sales and increase in the value of Fortitude Ranch. The sale of Fortitude tokens is to finance construction and national expansion, enabling more people to survive a pandemic or other collapse disaster.

We will provide regular financial and business reports on FR to Fortitude token holders—not because they hold equity in the company, but because we want maximum disclosure and since the value of discount membership tokens depends on the financial health and continued expansion of FR. These financial statements will include a separate accounting and full disclosure of where and how Fortitude pre-sales revenues were used (annual updates of the intended use of Fortitudes shown above).

In public company disclosures they report related businesses. Fortitude Ranch's IMO is being advised by Blockchain Business Consultants (BBC). Many of the members of FR staff are also BBC staff members.

Fortitudes IMO Advisory Board members will be awarded a total of up to 400 Fortitudes they can use for themselves, family and friends to buy FR memberships.

Many ICOs award some tokens to staff members. We are not because FR staff are already members of FR and the tokens are pre-membership sales. While they could use these tokens to gift to family and friends, we do not want this IMO to be seen as a profiting FR staff. Staff will benefit from their salaries and the expansion of FR as we build out using the IMO pre-sale of membership cash.

While Fortitude token holders do not share in Fortitude Ranch Profits, we do want their input in allocating our profit share with non-profit organizations. If this IMO is successful (over \$2 million in pre-membership sales) FR will commit to donating 30% of profits to non-profit groups. For the foreseeable future, we expect the other 70% to be reinvested in the company to continue expanding our facilities, locations, and life-saving capacity. FR members and token owners (as future members) will be polled regularly using a blockchain system to vote on non-profits they want to support with FR profits. We cannot make this a “right” because attorneys advise that equity shareholders have rights, holders of discount FR membership purchase Fortitudes are not equity holders, and thus should not have legal powers or rights to direct FR management on how to share profits. But Dr./Col Miller pledges that he will poll Fortitude Ranch members and Fortitude holders to get their inputs on charity donations and follow them. Our current list of non-profits we plan to support are:

1. International Red Cross
2. American Red Cross
3. Amnesty International
4. Blockchain Research Institute
5. MIT Digital Currency Initiative
6. U.S. Libertarian Party
7. Médecins Sans Frontières/Doctors Without Borders
8. Team Rubicon (disaster response group employing military veterans)
9. Preparedness Industry Association

Fortitudes are not a Security, not an Investment, not Equity in or Ownership of Fortitude Ranch

A fortitude token grants you the right to buy membership in FR at a fixed, discounted price. They also grant priority placement when there is a waiting list to join a FR location. They are pre-sales of memberships that we will use to finance buildout of our FR WV and CO sites, plus land purchase

and construction in WI and NV, and up to 8 more U.S. sites and an international location if a full \$15MM in funding is obtained from our membership pre-sale. A Fortitude token does not provide any equity ownership in Fortitude Ranch, or any equity-like rights in FR operations.

This is not a Security, Profit Share, or Equity Offering

Even when Fortitudes are exercised to buy FR membership, there is still no equity ownership of any kind in FR. FR is run by its staff, not members. FR is controlled by its staff, not members. FR members have no say in the operation of the company, and no control over or share in the profits of the company. Membership in FR is like being a member of a country club. It is not LLC membership. FR members get recreational use of the facility, shelter, survival services in the event of a major disaster or collapse. The benefits of membership are outlined in this White paper, with details in the formal FR membership agreement provided at Attachment 6.



Fortitude Ranch Member Agreement, Attachment 6, at www.fortituderanch.com/

Owning Fortitudes may provide “insurance value” and “peace of mind”—the ability (and priority over cash paying FR membership buyers) to buy a FR membership later when prices may be much higher, and demand for membership greater than available supply. But while there is a possibility that the value of Fortitudes may be much higher than their initial purchase price due to higher membership prices and sometimes an unmeetable demand for membership, Fortitudes should not be purchased as a quasi-investment for speculative purposes. There are risks that Fortitude Ranch could close (such as a lawsuit from an injury at a FR facility), detailed later in this paper, and thus risks that the Fortitude may lose its discount membership value. For investments, purchasing government bonds or investing in Vanguard's Total Stock Market Index fund are recommended. Fortitudes are not a security and should not be considered or used as an investment vehicle. A later section of this IMO White Paper lists risks that both Token Holders and Equity Owners (though Fortitude token holders do not have equity interests) in order to provide the fullest possible disclosure of reasonable, known risks.

In July 2017 the Securities and Exchange Commission (SEC) issued a report on its investigation of “The DAO,” a large \$150 million ICO that was followed by a hack attack on a website that lost several million dollars. After investigating the DAO ICO as to whether they “violated the federal securities laws” the SEC:

- “determined that DAO Tokens are securities under the Securities Act of 1933 (“Securities Act”) and the Securities Exchange Act of 1934 (“Exchange Act”)”
- “determined not to pursue an enforcement action in this matter.”²²

Quoting the SEC Report, the “DAO Token granted the DAO Token holder certain voting and ownership rights” and “The DAO would earn profits by funding projects that would provide DAO Token holders a return on investment.”²³ In other words, DAO tokens were promoted and designed to operate as if the token holder held equity in a firm: ownership rights and the ability to share in the DAO’s projects. Fortitudes have no such rights and as emphasized throughout this document: no ownership interests, no equity owner rights, no share of profits in Fortitude Ranch. Fortitudes are a “utility token,” an advance purchase of membership in FR that can be exercised when the token holder wants (if capacity available at desired FR location) at a fixed price. If FR achieves a

²² Securities and Exchange Commission, “Report of Investigation Pursuant to Section 21(a) of the Securities Exchange Act of 1934: The DAO,” July 25, 2017, p. 1

²³ SEC DAO Report, pp. 5-6

huge profit in the future, Fortitude holders would not receive a penny of these profits. They will be polled and asked for preferences in FR donations to charities, but have no legal rights or ability to force FR to donate.

➡ Copy of the SEC’s DAO report is provided at Attachment 7 at:
<https://www.fortituderanch.com/initial-membercoin-offering/>

In a legal review of blockchain ICOs published by Coinbase.com a law firm listed seven features of a blockchain token that could constitute a security: “1. Ownership interest in a legal entity, including a general partnership; 2. Equity interest; 3. Share of profits and/or losses, or assets and/or liabilities; 4. Status as a creditor or lender; 5. Claim in bankruptcy as equity interest holder or creditor; 6. Holder of a repayment obligation from the system or the legal entity issuer of the Blockchain Token; and 7. A feature allowing the holder to convert a non-security Blockchain Token into a Blockchain Token or instrument with one or more investment interests, or granting the holder an option to purchase one or more investment interests.”²⁴ The Fortitudes token and FR IMO does not have any of these 7 features. After reviewing the Supreme Court case of SEC v Howey, which established a test for whether an arrangement could be designed as investment contract or security, the legal review concluded: “we believe that an appropriately designed Blockchain Token that consists of rights and does not include any investment interests should not be deemed to be a security, subject to the specific facts, circumstances and characteristics of the Blockchain Token itself.”²⁵

Using the “Securities Law Framework for Blockchain Tokens” provided by Coinbase.com to “estimate how likely a particular blockchain token is to be a security under US federal securities law,” our IMO rated a score of 0, “very unlikely” to be deemed a security and subject to regulation.²⁶

The SEC DAO Report also noted that “registration provisions of the Securities Act contemplate that the offer or sale of securities to the public must be accompanied by the “full and fair disclosure” afforded by registration with the Commission and delivery of a statutory prospectus containing information necessary to enable prospective purchasers to make an informed investment decision.”²⁷ While this is not an equity offering, we do provide details on Fortitude Ranch construction, expansion plans, including pro forma financial statements in an equity offering memorandum at Attachment 5. We are providing these risk disclosures and financial information on Fortitude Ranch that an investor would get as a separate attachment, not a part of this IMO white paper, to reinforce the message that the Fortitude is not a security, and not a purchase of equity or anything like it. We apologize for the repetition, but due to lawyers and regulators we must once again state that we are not a security and Fortitude token holders will not share in FR profits, but are providing this extra information in case future regulators attempt to say such disclosures are required even for utility tokens.

Despite the DAO’s apparent violation of security law, offering what in effect was an equity interest in a future stream of profits, it is important to note that the SEC decided not to pursue any action against them (nor have any state regulators we are aware of, or any foreign governments). Since FR’s IMO is clearly not an equity offering or security offering we are exempt from any security

²⁴ Debevoise & Plimpton, in Coinbase.com report, <https://www.coinbase.com/legal/securities-law-framework.pdf>, p. 10

²⁵ Debevoise & Plimpton, Coinbase.com report, p. 22

²⁶ <https://www.coinbase.com/legal/securities-law-framework.pdf>, contact Fortitude Ranch at manager@fortituderanch.com if you’d like an emailed copy of the spreadsheet with entries for our IMO and calculation of the score cited

²⁷ SEC DAO Report, p. 10

registration requirements. In addition, because there is full disclosure of risks as if we were offering equity, no fraud, and care to exercise the highest security in our IMO to guard against hacks or any problem that could lead to a loss of funds, we are confident that we face no reasonable security violation risks even if some regulatory authority in the future invents new criteria to insist that any token must be registered as a security.

In accordance with “A Securities Law Framework for Blockchain Tokens” provided by Coinbase.com, we have denominated the Fortitude price in one currency (ETH in our case), committed to an audit, and are using other best practices outlined in their ICO guide.²⁸

The legal review for this IMO was conducted by Randy Robinson, JD, an experienced attorney and legal scholar currently serving as a visiting professor at the University of Denver Sturm College of Law. In addition to serving as a law clerk to The Honorable Monica M. Márquez of the Colorado Supreme Court, Randy worked in private legal practice and served as Vice President and General Counsel of Kinetic Medical. Randy’s scholarly research focuses on the intersection between law, technology, public policy, and the future, including decentralized public ledgers, decentralized autonomous organizations, initial coin offerings, and governmental attempts to regulate public blockchain platforms. He presented on the SEC DAO case at the Global Blockchain Summit in Oct 2017. Randy is licensed to practice in the State of Colorado and admitted to practice before the Federal District Court, District of Colorado and the Tenth Circuit Court of Appeals.

Token buyers who find that any part of our IMO or business operations or marketing are fraudulent can file legitimate lawsuits against FR for fraud—regardless of whether or not a token is a security or registered. Every aspect of this IMO and Fortitude Ranch operations are conducted with the highest standards of integrity and full disclosure.

We are not concerned about changes in SEC regulation or enforcement moves against ICOs because we have a legitimate business, have provided the same disclosures to token buyers that we would to equity investors, and because we do not believe the price of Fortitudes will fall below the issue price, motivating a lawsuit against FR. ICO issuers who issue tokens with equity features, and whose value plummets below the original ICO price, do face risk of a lawsuit and regulatory action, but given the discount membership purchase value of Fortitude utility tokens and priority in line for using them to buy FR memberships for Fortitude token holders, we rate the risk of such litigation as extremely low.

Section 4: Additional Information on Fortitude Ranch, Fortitude Tokens, and Promoting Responsible, Survivable Communities and Individual Freedom via Blockchain and Cryptocurrency

Fortitude Ranch Legal Status and Registrations

Fortitude Ranch is the “doing business as” name for our company, Disaster Preparedness LLC, a Colorado LLC. We have a subsidiary LLC in West Virginia (required by state law) for our Fortitude Ranch West Virginia location. Other subsidiary LLCs or corporations may be formed when necessary in other states and countries as we expand. At some point in the future we may convert to

²⁸ <https://www.coinbase.com/legal/securities-law-framework.pdf>

C-Corp status. If state or federal regulators turn against blockchain and cryptocurrency or survival communities, FR could also move its headquarters and registration to a different country.

The tradename “Fortitude Ranch” is a U.S. registered trademark name.

Copies of our LLC registrations and Trademarks are available in our business plan at Attachment 5.

Our official address is PO Box 49554, Colorado Springs, CO 80949.

Security for FR tokens and blockchain

We pledge to use both blockchain technology and all other Internet and security best practices to keep the identity of Fortitude owners and FR members confidential.

We have hired an experienced ICO firm to Audit our final token and ICO programming, smart contracts, systems and process to ensure we have no errors, security weaknesses, or hack vulnerabilities. We are using multi-signature wallets and plan to quickly move funds out of online accounts as they come in during the IMO, vaulting them before large sums build up.

All company Fortitudes will be kept in cold storage for maximum security. Hardware wallets are used by FR staff, with three staff members required to approve transfer of FR funds. Dr. Miller’s electronic signature is required on all transactions. In the event of his incapacitation, a designated backup can execute Dr. Miller’s token signature authority.

FR will maintain and update computers with the Ethereum blockchain offline in a Faraday Cage in our underground shelters for EMP protection. FR hard wallets will also be maintained in EMP shielded locations.

Risks

Unlike many ICOs that have no established business, just plans to create software, Fortitude Ranch is an existing and sales tested business. The CEO has invested \$825,000 into the business and years of sweat equity to build not just the idea, but a half dozen buildings at the FR WV facility, and acquired land and one building for the FR CO location. FR partners and co-founders have also put tremendous intellectual capital and sweat equity into developing, testing and proving our business and the ability to ensure survival for our members. The loss of CEO Dr. Miller would be a major setback on the business, so we have a “keyperson life insurance policy” in place for him.

After buying an ideal location in West Virginia and erecting a shallow underground shelter, treehouse “guardhouse” and building a small section of compound defensive wall and a gazebo/bastion guard post, we did a very low cost, no employees, test launch of Fortitude Ranch to see if we could generate sales. We were able to sell memberships to members and prove that the Fortitude Ranch recreational/survival community “country club” style membership model does work. Sales were difficult because the facility was largely unbuilt, with clear shortcomings (like no ability to generate our own electricity) that led many prospects to decide they would wait for the facility to be further developed before joining. Nonetheless, we were able to sell memberships and reached capacity for our small scale of buildout at 50 members. We believe that with membership pre-sales in this IMO enabling much larger build out, with all essential parts of a FR facility, and having full time sales staff, we will be able to readily sell memberships and operate at a profit—but

there is no guarantee of any business sales or success. Fortitude Ranch could fail and go out of business, making the pre-purchased membership tokens worthless.

We believe Fortitude Ranch is what Nassim Taleb, financial expert and author of *The Black Swan: the Impact of the Highly Improbable*, calls an “anti-fragile business” since our sales should surge in a disaster when most companies are shutting down and the stock market collapses. But depending on the nature and severity of the looming or spreading disaster, FR may not be able to continue selling memberships.

If there is perpetual peace and no major wars or disaster for the next decade, development of a universal vaccine for any new virus, interest in preparedness and FR sales could fall and the business could be forced to liquidate, selling off its land and buildings at a loss.

The detailed business plan for Fortitude Ranch, along with the risk and financial disclosures offered to equity investors in FR are provided in Attachment 5.

At the present time we have no similar competition providing shelter/survival services, and none with recreational benefits. Survival Condo does provide excellent survival protection, but at a price point several orders of magnitude higher than FR, serving only ultra-high net worth clients. But the future may bring new competitors and copy-cat operations that could erode FR’s prospects and profitability.

The worst risks we face are lawyers and governments. Any recreational facility faces risks of a member (or even an illegal trespasser) having an accident and suing the business. Every year, local building codes and regulations get more invasive, dictating what you can do in your own home, benefiting not safety, but the profit of the sellers of the products mandated by codes and the government bureaucrats who make a living enforcing codes. While we deliberately avoid locations in states with Big Government (New York and California are not likely to ever have FR locations) and know of no current laws against survival communities, governments unbound by Constitutions or limits can regulate, attack, or ban any business.

There could be other unknown or “Black Swan” risks we cannot now imagine that could have an impact on token value. You should look at ICO blog sites that discuss tokens and see if additional risks are addressed there. If we are notified of additional risks that appear to be reasonable, we will issue an updated version of this White Paper and add them.

While the nature of blockchain and cryptocurrency make it difficult for governments to ban or regulate, some nations (China for example) have banned ICOs.

Fortitude holders must be careful to maintain the secrecy of their “private key” for their Fortitude tokens in their digital wallet, and take care not to leave them on a computer where they could be hacked and stolen.

In buying Fortitudes or any token—be extremely wary of phishing. Many hackers can detect your interest in an ICO and will send you messages or hack your computer to direct you to send funds to a fake ICO site and their wallet. Be 100% sure you are on the www.fortituderanch.com website, checking each letter. If not confident of your ability to handle cryptocurrencies, see section “Buying Fortitudes Using Dollars with Tokens Held By Fortitude Ranch Until Needed.”

When you use Fortitudes to buy FR membership, our staff will evaluate your mental stability. We reserve the right to deny membership to anyone with dangerous criminal records or mental

problems that could jeopardize the security and well-being of other members. You could sell your Fortitudes to someone else, but there is a risk that FR may deny your membership application.

Encourage Family and Friends to Prepare for a Collapse and Consider Joining Fortitude Ranch

Please forward this Fortitude Ranch White Paper to friends and family and urge them to become more aware of the growing threats we face, and the need to prepare for a collapse. You can also use this opportunity to tell friends about blockchain technology, and why this “second Internet Revolution” is so valuable for lowering costs, improving security and privacy, and promoting individual responsibility and voluntary collective action over Big Government control.

It is morally wrong (and unconstitutional per the 10th Amendment) for the federal government to limit opportunities like this IMO to wealthy people, denying poor and middle-class Americans the opportunity to participate in blockchain business development, launching new companies, or buying discounted membership in a survival/recreational facility. Some sites trying to enable ICOs like CoinList are limiting the service to accredited investors who earn \$200,000 a year or have net worth over \$1 million. The rich get richer in this corrupt system where lawyers who dominate in legislative bodies create more laws and regulations to enrich law firms and Big Corporations and special interest groups with powerful lobbies. Big Corporations like Goldman Sachs rotate executives into Big Government to promote regulations that give Big Banks and their wealthy clients special privileges. The size, power, and reach of Big Government grows at the expense of individual freedom and liberty—especially those unable to make big campaign donations and fund lobbyists.

Government will not protect us during a collapse. To gain the benefits of “contingent membership” in Fortitude Ranch with the benefit of a discount membership price, locked in against price increases and priority placement into FR membership when there is a waiting list, consider Fortitude token purchase in an amount that guarantees your membership at a level (individual, family) you need. We thank you for responsibly preparing and encouraging everyone to become a Prepper.

Your suggestions and ideas are welcome—please contact us!

Fortitude token holders are welcome and encouraged to engage with FR staff, offering ideas on how to improve how we communicate the warnings of security threats and FR’s ability to deal with them.

While we know how to run a successful survival community and have great knowledge of blockchain technology, the latter is advancing so fast that there are new and better ways available every day. If you have any suggestions to improve this IMO, our use of blockchain technology, or Fortitude Ranch, please contact us at:

For blockchain technical, ICO suggestions or questions:

drmiller@bchainconsult.com

For survival, Fortitude Ranch, or other suggestions or questions:

manager@fortituderanch.com

Blockchains and Cryptocurrency promote individual liberty and hedge against Big Corporate power and unconstitutional Big Government overreach

William Mougayar, author of *The Business Blockchain*, argues that “The blockchain’s raison d’être is to enable us to imagine a new world that will be largely decentralized. Decentralization does not mean anarchy or performing illegal acts. It means that an individual user is more empowered and less restricted.”²⁹ The blockchain will disintermediate and undermine many Big Corporations and banks, and it will hopefully reduce the power of Big Government as well.

German born, British economist Ernst F. Schumacher wrote *Small Is Beautiful: A Study of Economics As If People Mattered*. His decades old book urged mankind to favor small over big, and reject demands for more growth, more production and consumption. “Wisdom demands a new orientation of science and technology toward the organic, the gentle, the elegant and beautiful.”³⁰ We see blockchain technology and cryptocurrency as a means to decentralize, disintermediate, and decrease the power of Big Corporations and Big Government.

Bitcoin’s misinformed critics think of it as a bad investment scheme or an effort to undermine national, fiat currencies. The blockchain technology that Bitcoin pioneered is much more than a cryptocurrency, and was not created to generate wealth. A New York Times reporter got it right in a 2013 article: “bitcoin is — and always has been — a mostly ideological undertaking, more philosophy than finance,” a “crusade in the costume of a currency” designed to unleash repressed economies, take down global banking and huge corporations, and empower individuals³¹ Libertarians have been fans of blockchain from the beginning since it can play a decisive role in empowering individuals, freeing them from corporate or government control. When Big Banks are disintermediated by blockchain and supply chain transportation efficiencies improve with blockchain applications, the costs of sending money home will be slashed, finance and currency conversation costs will fall, and we will all benefit from lower financing and transportation costs.

Don Tapscott and Alex Tapscott, authors of *Blockchain Revolution* made convincing arguments for ICOs: “Blockchain IPOs not only can improve the efficacy and efficiency of raising money, lowering the cost for the issuer, they can also be broadly inclusive, allowing previously unimaginable groups of burgeoning investors to participate. . . . Instead of redistributing and expropriating wealth, let’s imagine how blockchain can create opportunities to share more equally in the wealth created by society.”³²

JP Morgan CEO Jamie Dimon condemned bitcoin as a “fraud” though his company JP Morgan has invested in bitcoin and been working on the blockchain technology bitcoin developed for years.³³ This Big Bank has been fined over \$25 billion (yes billion, not million) in recent years for cheating and robbing consumers, and other misconduct--along with Wall Street Firms like Goldman Sachs, the same ones bailed out by the Federal Reserve and Federal Government with about \$13 trillion (yes trillion, not billion) in taxpayer financed loans and bailout provisions.³⁴

²⁹ William Mougayar, *The Business Blockchain: Promise, Practice, and Application of the Next Internet Technology*, John Wiley & Sons, 2016, p. 147

³⁰ Ernst F. Schumacher, *Small Is Beautiful: A Study of Economics as if People Mattered*, 1973

³¹ Alan Feuerdec, “The Bitcoin Ideology,” *New York Times*, Dec 14, 2013

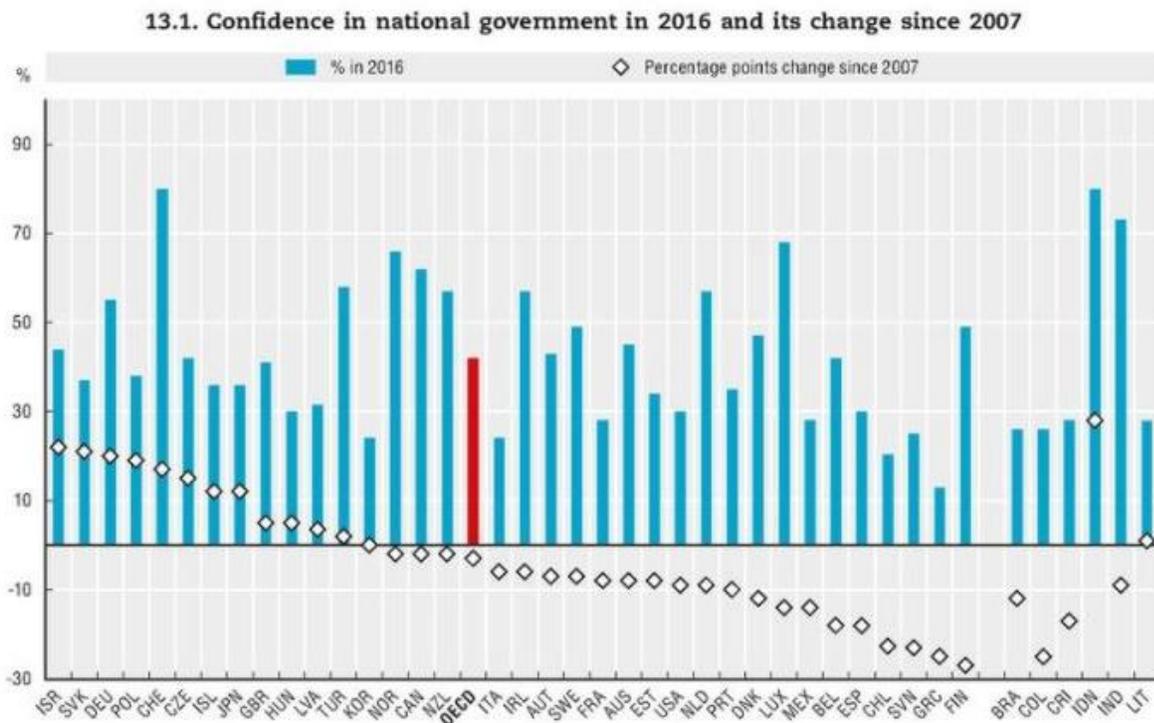
³² Don Tapscott and Alex Tapscott, *Blockchain Revolution: How the Technology behind Bitcoin is Changing Money, Business and the World*, 2016, p. 181

³³ James Dimon, quoted in *Wall Street Journal*, “Bitcoin’s Bubble Matters,” Oct 9, 2017, p. R4

³⁴ Maureen Farrell, “J.P. Morgan Adds \$2.6 Billion to Its \$25 Billion Plus Tally of Recent Settlements,” *Wall Street Journal*, Jan 7, 2014; <http://www.pbs.org/wnet/need-to-know/economy/the-true-cost-of-the-bank-bailout/3309/>

These are the same Big Wall Street Corporations serving wealthy clients that the Securities and Exchange Commission and federal laws support by restricting sales of stock IPOs and many investments to just wealthy clients of Wall Street firms. Big Banks and Big Government are the enemies of personal freedom and fairness. Indeed, just as lawyers are the dominant profession in state and federal legislators, passing unconstitutional and invasive laws violating personal freedoms (and generating their law firms more work), the leaders of Goldman Sachs and Big Corporations often run Big Government to their mutual advantage.

The blockchain is all about the lack of trust in Big Corporations and Big Government. Wall Street Banks in particular are seen unfavorably by most Americans.³⁵ Poll data shows most citizens don't trust their government, and the level of trust is falling. Gallup poll data shows only 30% of Americans trust government. Only 43% of Europeans trust their national government, and most do not trust the European Union. 79% of Russians and 83% of Chinese see government corruption as a problem.³⁶



Source: Gallup World Poll, in <http://indianexpress.com/article/india/73-per-cent-indians-have-trust-in-pm-modis-government-report-4749843/>

In contrast, the public values and has high trust in our military and first responders.³⁷

A strong government focused on national defense and National Guard forces for disaster response are essential for our survival. Government spending scarce resources and ignoring Constitutional

³⁵ <https://www.bloomberg.com/news/articles/2017-07-19/wall-street-efforts-to-improve-its-image-fail-to-sway-americans>

³⁶ <http://www.oecd.org/gov/trust-in-government.htm>; <http://bruegel.org/2017/03/european-spring-trust-in-the-eu-and-democracy-is-recovering/>; <http://www.apnorc.org/projects/Pages/HTML%20Reports/public-opinion-in-russia-russians-attitudes-on-the-economic-and-domestic-issues-issue-brief.aspx>; <http://www.pewglobal.org/2016/10/05/chinese-public-sees-more-powerful-role-in-world-names-u-s-as-top-threat/10-4-2016-9-39-43-am/>

³⁷ <http://news.gallup.com/poll/1597/confidence-institutions.aspx>; <https://ourworldindata.org/trust>

limits regulating the economy and personal behavior, buying votes with social programs and entitlement programs, leads to both loss of individual freedom and less attention and resources for national defense, homeland security, and disaster recovery. This was the argument Dr. Drew Miller made in his book *Rohan Nation: Reinventing America after the 2020 Collapse*.³⁸

The U.S. Federal Government has long ignored the 10th Amendment to the Constitution, the most important part of the Bill of Rights, the most important words in the U.S. Constitution period:

“The powers not delegated to the United States by the Constitution, nor prohibited by it to the States, are reserved to the States respectively, or to the people.”

The Federal Big Government has no right to regulate or interfere with most of the matters it regulates, bans, and taxes. They are absolutely banned by the 10th Amendment to the Constitution from meddling in any area where they are not specifically authorized to govern. The alliance of Big Corporations, lawyers, and unlimited Big Government is a great threat to personal freedom. Limited Government, focused on security, is essential. The founders and staff of Fortitude Ranch are not anti-government, nor anti-business. But Big Government and the Nanny State are detrimental to both personal freedom and national security. To the degree we can leverage blockchain, cryptocurrency, communities of interest, and personal responsibility, we can improve both our personal freedom and our prospects for survival.

Another key part of blockchain culture, Libertarian views, and the original American ideals, is empowering individual freedom and opportunity, undermining big companies and the concentration of power and wealth. This is why blockchain technology and cryptocurrencies are so necessary and hold such promise. The power of IMOs enables Fortitude Ranch to avoid the power and cost of dealing with banks, venture capitalists, and rich investors. With blockchain and cryptocurrency, we have opened up our IMO to anyone who wants to participate.

We are not hiring a big Madison Avenue advertising firm to promote our ICO or FR. We are bypassing Wall Street and IPOs offered only to the wealthy. We are not employing a Big Law Firm to advise us. We are not relying on government to solve the problem of preparing for a pandemic, long term electric outage, cyberattacks, or the security problems of a collapse. From Fortitude Ranch’s financing by Dr/Col Miller and our Fortitudes token buyers, through our operation and defense in a crisis by our members, we rely on independent, responsible, individuals who volunteer to join our endeavor.

The blockchain community prefers openness, transparency, and equality in sharing information and opportunity. This is another reason we prefer an IMO to a private sale of equity to rich people. We will give both Fortitude token holders and FR members full view of FR financial statements, a say in where we expand and locate new FR locations, and equal opportunities to participate in FR activities. At least once a year, token holders will be invited to some survival training and party/recreate events with FR members. We are committing to donate 30% of Fortitude Ranch profits to non-profits that fit with our goals of saving innocent lives and individual freedom, guided by input from our Fortitude token holders and FR members.

³⁸ Dr. Drew Miller, *Rohan Nation: Reinventing America after the 2020 Collapse*, 2nd Edition, Responsibility Press, 2015

fortitude token holders and FR members on selecting FR locations, as well as following their preferences in paying out at least 30% of FR profits to legitimate charities and foundations.



Fortitude Ranch Colorado location has 40 acres of land abutting Pike National Forest. Small house on site will be connected by outer walls to other buildings and shallow underground shelters uphill in trees.

Physical Fortitude Coin Tokens

While only digital fortitudes on the blockchain have value, we are minting some Fortitude coins that we will hand out to supporters and that Fortitude token holders may want to purchase on the website to give to people they award Fortitudes to. For example, if you gift some Fortitudes to a friend who is interested in joining Fortitude Ranch you may want to have a physical gift to give them with the note about your electronic gift transfer of Fortitudes.



The Way Ahead: Creating Responsible, Survivable, Communities that Respect and Protect Individual Freedom by Leveraging Blockchain, Cryptocurrency, and the Collective Action of Independent Groups to enforce Limits to Government Power

We chose Dec 7 as the day for our IMO launch to emphasize the consequences of unpreparedness. No matter how clear the warnings and dire the threat, dysfunctional, self-promoting Big Government will not protect us from the coming pandemic and other collapse threats.

The unfixable problem with the overreach of U.S. Government, the European Union, the Russian Government, the Communist Chinese Government, and most Big Governments around the world is not bad people, but a horribly powerful, inherently power corrupted system that benefits lawyers, politicians, and the Big Corporations and Big Lobby groups that can afford to shape the laws and regulations to their benefit.

Our system of Big Government has grown so vast, entrenched, and intrusive that no one can limit or fight it. For example, it is absolutely clear that the federal government has no power to ban or regulate use of marijuana or other drugs. No such power was granted in the Constitution and the 10th Amendment in the Bill of Rights makes it absolutely clear that without specific authorization in the Constitution, the federal government may not interfere on a matter. If there was any doubt as to the ability of the federal government to regulate drugs, the 18th and 21st Amendments settled the debate. The 18th Amendment was necessary to authorize the Federal Government to ban consumption of alcohol in the United States. The 21st Amendment, repealing the 18th, removed constitutional authority for the federal government to regulate alcohol. There has been no further amendment to the Constitution regranting such powers to regulate what individuals choose to consume. What happened instead, is that Congress, the Executive Branch, and the Supreme Court stopped even pretending to follow Constitutional limits. Obviously unconstitutional Federal regulations on items not in the Constitution, not involved in interstate trade, are the norm. Politicians, bureaucrats, and courts interpret whatever they want to do as Constitutional.

While we hold out hope for Libertarian Parties and ideals, a realistic assessment is that there is no chance of reforming or fixing unworkable, massive, omnipotent Big Governments around the world. Around the world, corporate profits and government spending and taxes continue to rise faster than incomes of the poor and middle class. Big Government overspending, taxes, and

monetary disaster may trigger a collapse. We cannot know when a collapse will occur, or what will trigger it. We do encourage work for improvements, but suspect that the best we can hope for now is to be prepared to survive a coming collapse and work to rebuild societies with small governments strictly limited to security.

The last chapter of William Mougayar's excellent book, *The Business Blockchain*, is titled "Decentralization as The Way Forward." Mougayar sees decentralization and individual empowerment, but via voluntary, collective efforts with "many contributors, many beneficiaries, and many leaders working in harmony."³⁹ Leveraging blockchain to decentralize and empower the actions of individuals organized into small voluntary groups, we can work to reduce Big Corporation and Big Government power while preparing to survive disasters.

Blockchain will also have a big impact on charities, non-profits and voluntary groups working to help others—not just business. Trust in charities is also at an all-time low. Blockchain can promote donations through increased transparency of how money is spent, including smart contract requirements.⁴⁰ Sending funds directly to recipients helps bypass bribes to government officials. Blockchain applications like "Giveth" let donors build and join "Decentralized Charity Organizations" aligned around community problems.

The most respected management consultant of the 20th century, Peter Drucker, called The Salvation Army "the most effective organization in the U.S."⁴¹ Though a charity, The Salvation Army is an extremely cost effective, well managed organization delivering humanitarian and social work to the poor and people in need. The opposite of voluntary, good natured charity is Government taxation and regulation--inherently wasteful, destructive interference by unaccountable government bureaucrats, usually in blatant violation to limits on government. Using blockchain voting and organizing software like Aragon, cryptocurrency and smart contracts, we can form voluntary groups, large and small, decentralized when local flexibility is best, to accomplish good and get rid of Big Government. As government spending is pushed back to Constitutional and reasonable limits, more funds will be free for donating to charities like The Salvation Army and Red Cross which provide far more cost effective social services.

At Fortitude Ranch, we are building a voluntary community of interest of responsible Preppers. We will hold training and get together meetings at FR facilities for both Fortitude token holders and FR members. In addition to funding the building of a secure place for people to survive a collapse, we hope our IMO and Fortitude tokens will help raise awareness of bioengineered pandemics and other threats, and the vital importance of preparing for disaster. We recognize that even at our discounted Fortitude prices, many people will not now be able to afford a service like FR. But buying fortitudes and participating in our FR community events will allow them to learn, collaborate with other responsible preppers, and make other preparations to improve their chances of surviving a collapse. We will form official FR Meetup groups where people can get to know each other and network, do some preparedness and survival training, and, if they agree, advocate blockchain and limits to government.

³⁹ William Mougayar, *The Business Blockchain: Promise, Practice, and Application of the Next Internet Technology*, John Wiley & Sons, 2016, p. 147

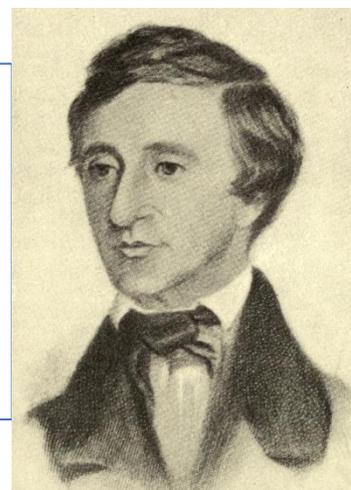
⁴⁰ Alex Maslar, "The Charitable Powers of Ethereum: Using the Blockchain to Better Humanity," Medium, May 8, 2017, <https://dappdaily.com/the-charitable-powers-of-ethereum-13d50e4561b1>

⁴¹ Peter Drucker, quoted in Robert Watson and Ben Brown, *The Most Effective Organization in the U.S.: Leadership Secrets of the Salvation Army*, Crown Business, 2001

In *Cryptonomicon*, Neal Stephenson mentioned the philosophy of “Extropianism,” “that technology has made us post-human. That Homo sapiens plus technology is effectively a whole new species: immortal, omnipresent because of the Net, and headed towards omnipotence.”⁴² Big Government is omnipotent now, and unlikely to just sit back and allow blockchain and cryptocurrency to grow in importance and power without trying to grab control. Big Governments, encouraged by the Big Corporations most threatened by blockchain and cryptocurrencies, will eventually lash out at these new technologies and their applications. But these technologies enable individuals to collaborate, organize, and work together to successfully fight back against the power and intrusions of Big Corporations and Big Government. Individuals acting alone won’t solve our problems or survive a collapse. Satoshi did not create the Bitcoin blockchain on his or her own. Individuals joining voluntary groups, empowered by blockchain and cryptocurrency, with applications like Aragon and groups like Fortitude Ranch, can work together without Big Government.

“I heartily accept the motto, ‘That government is best which governs least’; and I should like to see it acted up to more rapidly and systematically. Carried out, it finally amounts to this, which also I believe — ‘That government is best which governs not at all’; and when men are prepared for it, that will be the kind of government which they will have.”

-- Henry David Thoreau, *Civil Disobedience and Other Essays*, 1849



As Thoreau wrote, when we are prepared for it, we may have the best government that governs least and leaves men and women free to associate and act as they choose, so long as they do not infringe on the rights or welfare of others. Conservative economist Milton Friedman died before bitcoin began, but foresaw that the Internet and cryptocurrency could be “one of the major forces for reducing the role of government.” Friedman condemned the overreach and excesses of Big Government and saw the decentralizing power of the Internet and digital currency to reduce government power and control.⁴³ We hope that advances in blockchain and other technologies, and growing understanding around the world that Big Government interventions in personal life and economic matters is wrong, leads to limits on Big Government and their focus on security and collapse recovery--before their negligence kills off billions of us.

Fortitude Ranch serves its customers with recreational and survival facilities—we are *not* a group pursuing political or community interests beyond those of enjoying our facilities in good times, and surviving in bad. We do not promote or discriminate against any political, religious, social, or other

⁴² Neal Stephenson, In *Cryptonomicon*, 1999. Stephenson used the term “Eutropianism” which is not a real word, most likely meaning extropianism

⁴³ Daniel Cawrey, “How Economist Milton Friedman Predicted Bitcoin,” *coindesk.com*, March 5, 2014; <https://www.coindesk.com/economist-milton-friedman-predicted-bitcoin/>

points of view. While Dr. Miller and many Fortitude Ranch founders and key supporters are Libertarians, we recognize and support the right of any group of people, or lone individuals, to pursue whatever form of association or government they prefer. “Infinite are the paths and infinite are the opinions.”⁴⁴ People will never agree on most issues, and Big Government should not attempt to enforce the view of politicians or a majority on all.



Fortitude Ranch CEO Dr. Drew Miller, Colonel USAF Reserve (Ret)



Download Attachment 8 to read Dr. Drew Miller’s “Treatise on Responsible, Limited Government”

Mahatma Gandhi showed the power of a mass, grass roots movement to overthrow vastly superior power. “You must be the change you wish to see in the world” he argued. We join in the call to action, supporting blockchain, cryptocurrencies, Fortitudes, decentralization, and obeying the limits to Big Government power as reflected in the 10th Amendment to the Constitution. Following the example of Gandhi’s non-violent, mass movement against the much more powerful Colonial Government: “First they ignore you, then they laugh at you, then they fight you, then you win.” Whether you join Fortitude Ranch or another group, prepare and protect yourself, and act.

We hope you will leverage blockchain, cryptocurrency, and voluntary, collective action to fight the injustice of and power of Big Corporations and Big Government, and promote individual freedom. Whatever causes and volunteering you choose to pursue, please include helping your family, friends, and associates get ready to surviving coming disasters.

⁴⁴ Ramakrishna

Attachments (download at www.FortitudeRanch.com/Fortitude/IMO)

1. Bioengineered Viral Pandemic Threat
2. Article on designer plagues
3. Electrical System Threats
4. List of Threats and Probability of a Collapse Estimate
5. Equity Offering Memo for Fortitude Ranch (an additional disclosure of risks and information)
6. Fortitude Ranch membership agreement
7. SEC DAO report
8. Dr. Drew Miller's Treatise on Responsible Government

Acronyms

ACLU	American Civil Liberties Union
BBC	Blockchain Business Consultants (www.bchainconsult.com)
CDC	Center for Disease Control
CFP	Certified Financial Professional
CIA	Central Intelligence Agency
CMA	Certified Management Accountant
CM&AA	Certified Mergers & Acquisitions Advisor
CRISPR	Clustered Regularly Interspaced Short Palindromic Repeat (bioengineering technology)
DAO	Decentralized Autonomous Organization
DIYbio	Do It Yourself Bio, an Internet site for collaborating on genetic engineering
DNA	Deoxyribonucleic Acid (genetic instructions organism needs to live and reproduce)
DoD	Department of Defense
EMP	Electro Magnetic Pulse
ERC20	An Ethereum blockchain token standard used for Ethereum smart contracts
ETH	Ether (cryptocurrency)
FEMA	Federal Emergency Management Agency
FR	Fortitude Ranch
FRT	Fortitudes (Fortitude Ranch Membership Token)
GMO	Genetically Modified Organism
ICBM	Inter Continental Ballistic Missile
ICO	Initial Coin Offering
IMO	Initial MemberCoin Offering
IPO	Initial Public Offering
IT	Information Technology

JIT	Just In Time (delivery, inventory)
LLC	Limited Liability Company
MM	Million
NRFTBWI	Not Ready For Tokens But Want In
SEC	Securities and Exchange Commission
USAF	US Air Force
USAFA	US Air Force Academy
USD	US Dollar