

Trailer/Boat Utility Solutions

Electricity

- ◆ Each trailer is powered by an off-grid energy generator
- ◆ Classified technology 1
- ◆ Classified technology 2
- ◆ Classified technology 3
- ◆ Solar, wind, and so on

Water

- ◆ Free mobile off-grid water and periodically hooked up from/to other trailers
- ◆ Water from/to air with atmospheric water generator NRG (<https://www.ardorm.com>), etc.
- ◆ Water and wastewater evaporator LandShark2.0 (<https://www.resourcewest.com>), etc.
- ◆ Water and wastewater treatment such as greywater and blackwater recycling system Aqualoop (<https://www.ecoviewater.com>), etc.



Trailer/Boat Utility Solutions

Zero Waste Management

- ◆ Eliminate toilet papers, napkins, paper towels, wipes, plastic bags, single-use packages, etc. and replace them with bidet seats, toilet paper cloths per person, other cleaning/drying towels, green reusable containers/packages, hand and towel dryers, cleaning, sanitizing and reusing of towels/containers/packages, etc.
- ◆ Food disposal, compost, and recycling
- ◆ Natural/biodegradable food, personal care products, and medicines
- ◆ Recyclable or sustainable everyday products and clothing
- ◆ Automated aquaponics and aeroponics systems and self-feeding integrated farming
- ◆ Water and wastewater treatment/recycling
- ◆ Electric cars, SUVs, vans, trucks, RVs, etc.
- ◆ Sustainable other products and 3D print/building materials

Misc

- ◆ Bedroom, workshop, and storage
- ◆ Bathrooms, EV charging station, optional central kitchen
- ◆ Adaptable from house or office trailers



Trailer/Boat Farm Solutions



Farm Trailers

- ◆ A cattle trailer with full tarp enclosure addition and optionally greenhouse inside (<http://galyeantrailer.com>)
- ◆ Customized greenhouse on trailer (search for greenhouse trailer)
- ◆ Trailer with lots of windows

Food Varieties

- ◆ Fishes and edible water plants that feed on plants or food/animal waste and filter/nourish water for irrigation or recycling
- ◆ Farm animals may include 6+ chickens and 2+ goats, etc. for eggs, milk, and meats, with their waste feed fishes and plants
- ◆ Plants including vegetables, fruits, herbs, beans, potatoes, nuts, small trees, etc.
- ◆ Pack our farm/other trailers with plants of all kinds including taller fruit trees, like living in jungles or nature

Trailer/Boat Farm Solutions

Farm Facilities

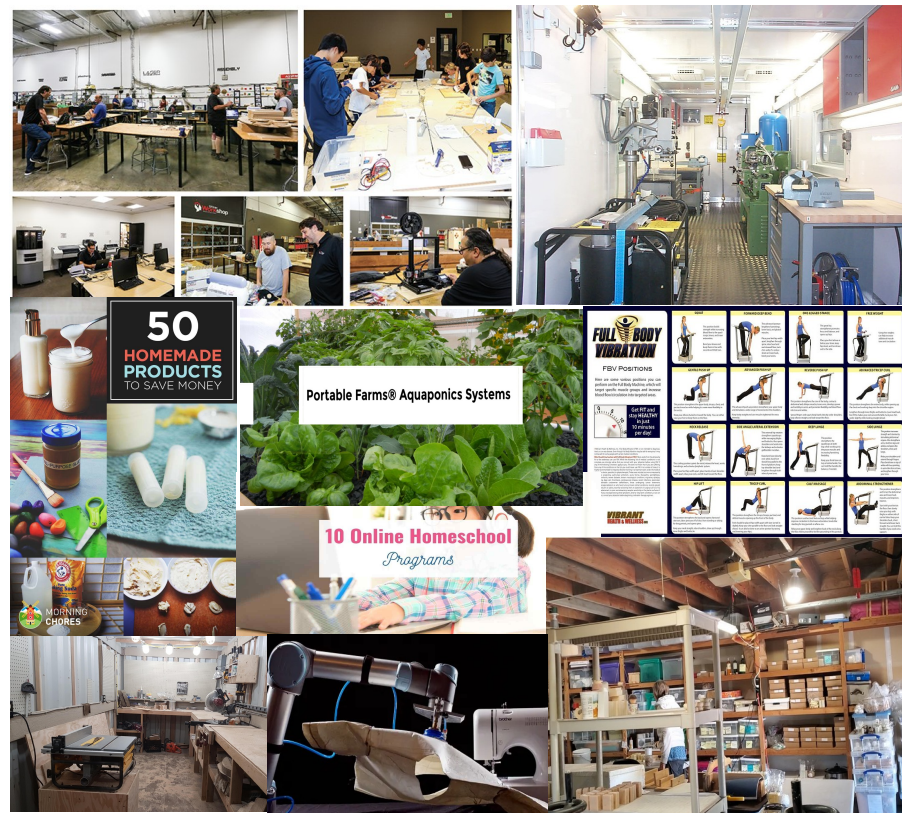
- ◆ An Aquaponics system (<https://aquaponics.com>) based on modular tank systems or long rectangular pond (<https://www.tarpaulintank.com>)
- ◆ Plants for food, personal care, and medicines that grow across all trailers
- ◆ A cage with mesh floor, standalone with manure collection or on top of the pond and detachable wheels for outside fenced activities
- ◆ Moving facilities like rollable fences, collapsible tanks, etc. (search for integrated fish poultry farming, and greenhouse jungle nature images)
- ◆ Integrated automated farming solutions reduce labors
- ◆ The pond water is filtered and oxygenated to maintain the nitrogen/algae/oxygen balances and water qualities. We can also place plant containers on layers of mesh floors and filter water at the bottom
- ◆ Waste water may be evaporated or disposed for long distance travels



Trailer/Boat Workshop Solutions

Workshop Facilities

- ◆ One or more workshops based on office trailers
- ◆ Produce/supply off-grid generators, advanced medical devices, full body vibration exercise machine (https://www.inthenewage.com/Whole-Body-Vibration-Machines_c_1860.html)
- ◆ Produce personal care products (<https://wholesalesuppliesplus.com>), medicines, household items, education/training, kid care/camp, clothes/shoes/accessories (search for homemade products, sewing robot, and home/online education), computing, some housing and transportation, entertainment, activity facilities, etc.
- ◆ Integrate common makerspace equipment/facilities such as 3D printers, woodshop, laser cutter, electronics, sewing machines, trailer/auto shops, etc. (<https://urbanworkshop.net/equipment>)



Trailer House Solutions

House Trailers

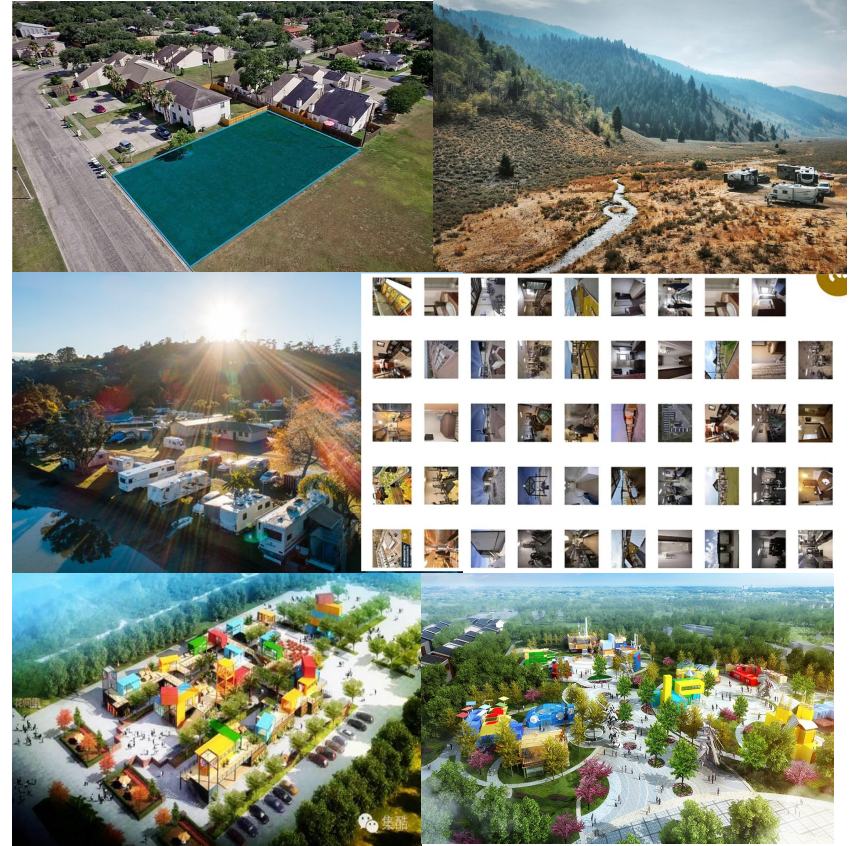
- ◆ A not-so tiny house trailer (<https://www.tinyhomebuilders.com>)
- ◆ A big RV trailer
- ◆ 1~2+ bedrooms
- ◆ 1~1.5+ bathrooms
- ◆ Living room
- ◆ Kitchen
- ◆ Laundry
- ◆ High availability
- ◆ Affordable
- ◆ Free energy generator



Land and Other Consumption Solutions

Land and Other Consumptions

- ◆ Without the need for utility hookups, there are free lands or lots everywhere (<https://www.realestateskills.com/blog/how-to-find-vacant-properties>)
- ◆ The mobile smart homestead can accommodate up to 10 people, or several close families/friends/generations that otherwise living apart, or a family hiring people in need of jobs or housing
- ◆ Our largely mobile community centers or bases produce and maintain (<https://www.cottonlogistics.com/>, <http://www.boxcool.com.cn/product.html>) infrequently consumed products
- ◆ Unsustainable, expensive, duplicate, redundant, wasteful, or trivial businesses and productions will all be eliminated
- ◆ Our products will be in best quality, very affordable, sustainable, durable, and partly shareable to maximize user experience and resource utilization pervasively



Boat Water and House Solutions

Desalination Watermakers

Boat Houses

- ◆ Trawler Albin, Kadey-Krogen
- ◆ Yacht Beneteau, Carver, Betram Hatteras, Silverton, Sea Ray
- ◆ Sailboat Island Packet, Catalina, Cabo Rico, Pearson
- ◆ Catamaran Lagoon, Leopard
- ◆ Houseboat Pontoon, Sunstar, Bravada, Adonia, Destination



Boat Farm and Product Solutions

Boat Gardens,
Chicken, Goats
Boat Fishing
Costal Foraging
Ocean Products

UNDER THE SEA
Marine-inspired bath and beauty products are making a splash.

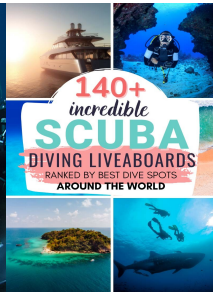
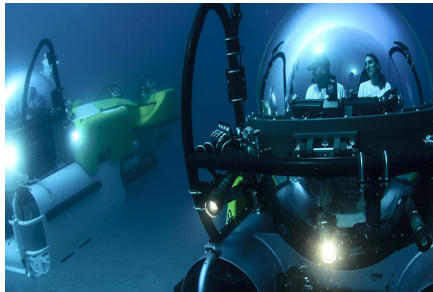
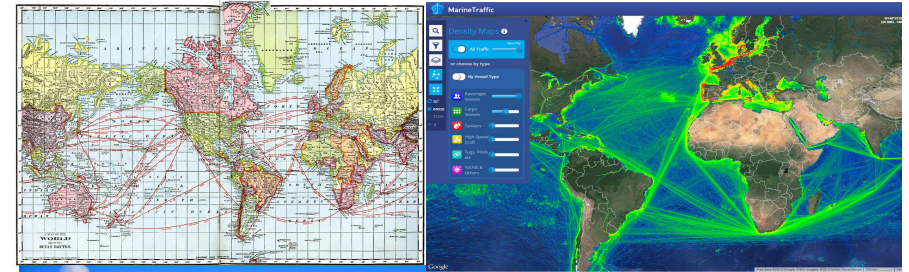
- SEA BATHS**
Relax and rejuvenate with our sea-inspired bath products. From sea salt scrubs to sea foam bath foams, we have everything you need to make your bath time a truly relaxing experience.
- SEA SKIN**
Keep your skin hydrated and protected with our sea-inspired skincare products. From sea salt scrubs to sea foam cleansers, we have everything you need to keep your skin looking healthy and glowing.
- SEA HAIR**
Give your hair the natural shine and softness it deserves with our sea-inspired hair care products. From sea salt sprays to sea foam shampoos, we have everything you need to keep your hair looking healthy and beautiful.
- SEA BODY**
Refresh and soothe your body with our sea-inspired body care products. From sea salt scrubs to sea foam body washes, we have everything you need to keep your skin feeling soft and smooth.
- SEA MAKEUP**
Achieve a natural, sun-kissed glow with our sea-inspired makeup products. From sea salt blush to sea foam lipstick, we have everything you need to look like a true beach beauty.
- SEA PERFUMES**
Capture the essence of the ocean with our sea-inspired perfumes. From sea salt scents to sea foam scents, we have everything you need to keep the ocean close to your heart.
- SEA SUNSCREEN**
Protect your skin from the sun's harmful rays with our sea-inspired sunscreen. From sea salt sunscreens to sea foam sunscreens, we have everything you need to keep your skin safe and healthy.
- SEA LIP BALM**
Keep your lips hydrated and protected with our sea-inspired lip balm. From sea salt lip balms to sea foam lip balms, we have everything you need to keep your lips feeling soft and smooth.
- SEA TOILET**
Refresh and invigorate your senses with our sea-inspired toilet products. From sea salt sprays to sea foam sprays, we have everything you need to keep your home smelling fresh and clean.



Ocean and Other Consumption Solutions

Ocean and Other Consumptions

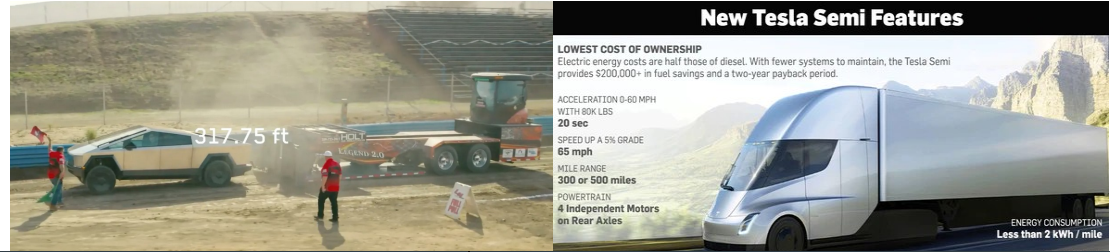
- ◆ <https://www.bluewaterdivetravel.com/all-liveboard-destinations>
<https://www.marinetraffic.com>
- ◆ The smart boat homestead can accommodate several close families/friends/generations or a family hiring people in need of jobs/housing
- ◆ Floating community centers or bases based on shipping containers on ship, floating factories, or floating cities produce and maintain infrequently consumed products in best quality, very affordable, sustainable, durable, and partly shareable



CyberHomestead Moving & Housing Solutions

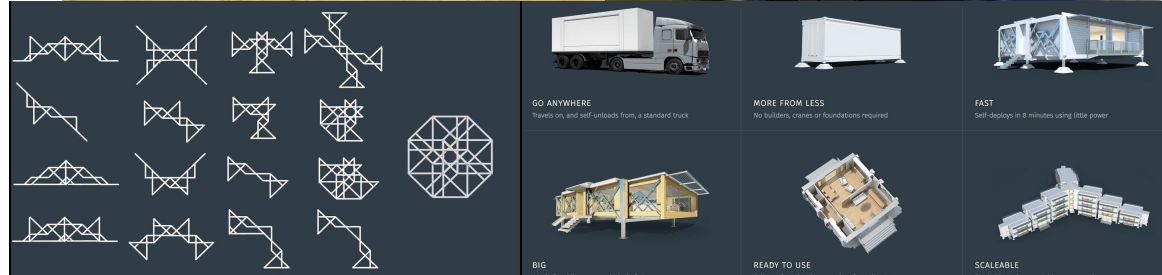
Tesla Truck Transportation

- ◆ Tesla CyberTruck
- ◆ Tesla CyberSemiTruck
- ◆ Driver towing automation/assistance
- ◆ Higher towing capacities



Ten Fold Engineering Housing

- ◆ Mainly based on physics/linkages
- ◆ Diverse housing and structures
- ◆ Scalable buildings



The Next Level of Portable Houses

CyberHomestead Solutions



Consumption technologies & integration

- ◆ Multi disciplinary or multi consumption domain experts, businesses, and technologies
- ◆ Power, water, waste management, farming and food, housing, transportation, personal care, medical care, everyday products, clothing, education, computing, Internet, gym, activities, etc.

Simulation, AI, Automation, & Computing

- ◆ nVidia Omniverse simulation engines
- ◆ Tesla, nVidia, Alphabet, Meta, Qualcomm, and other automation, AI, and computing technologies
- ◆ Experiment and compute out the functional robust efficient and elegant prototypes
- ◆ Transformable house example: 40' container expanding horizontally and vertically into 4 x 40' container house with 2 x 40' balconies

CyberCommunity Land & Ocean Solutions

