

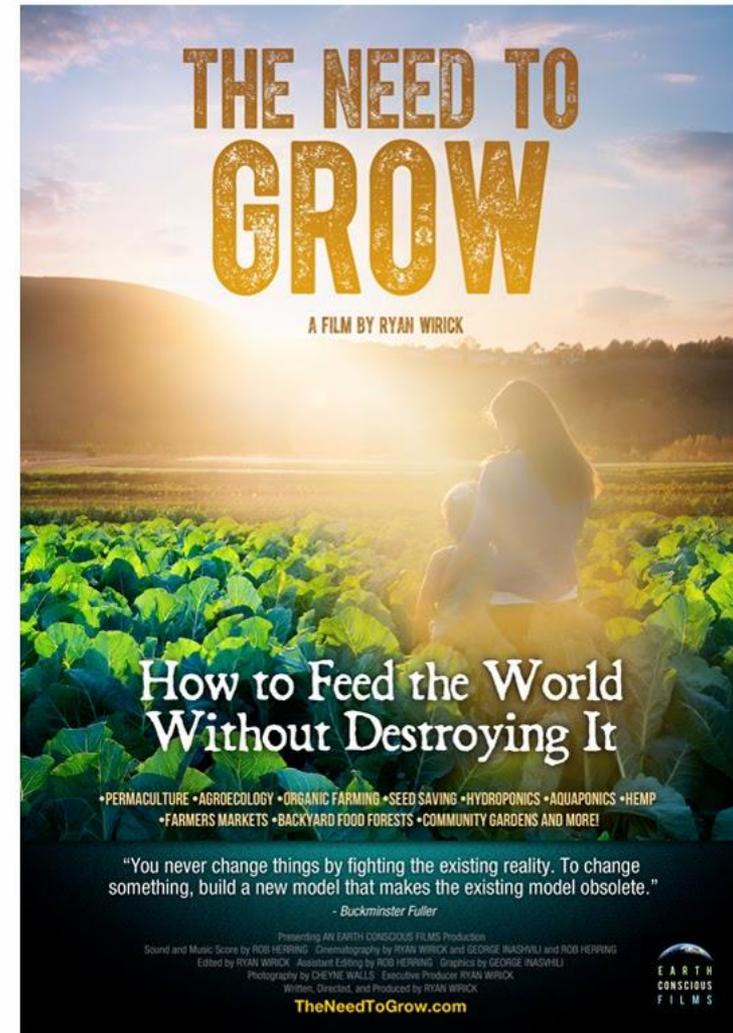


The future is regeneration

Mission

We believe that regenerative earth, food and energy systems are the key to better personal, social and global health.

Plenty of healthy food for all, thriving local food economies and healing of soil and ecosystems, including reversing climate change, are the key to a healthier environment.





“ “
It is not the **strongest** of
the **species** that survive,
nor the most **intelligent**,
but the **one** most
responsive to **change**

-Charles Darwin-

www.historicmysteries.com

The secret

lies in the soil;

Nature's engine for balancing earth, air and sea.

When people eat food grown in healthy,
microbe-rich soil, our own inner gut microbiome
becomes healthy and strong; gives us better
well-being, more energy and resistance to many
types of diseases.

Our own

and the fate of the earth is absolutely and intimately connected.

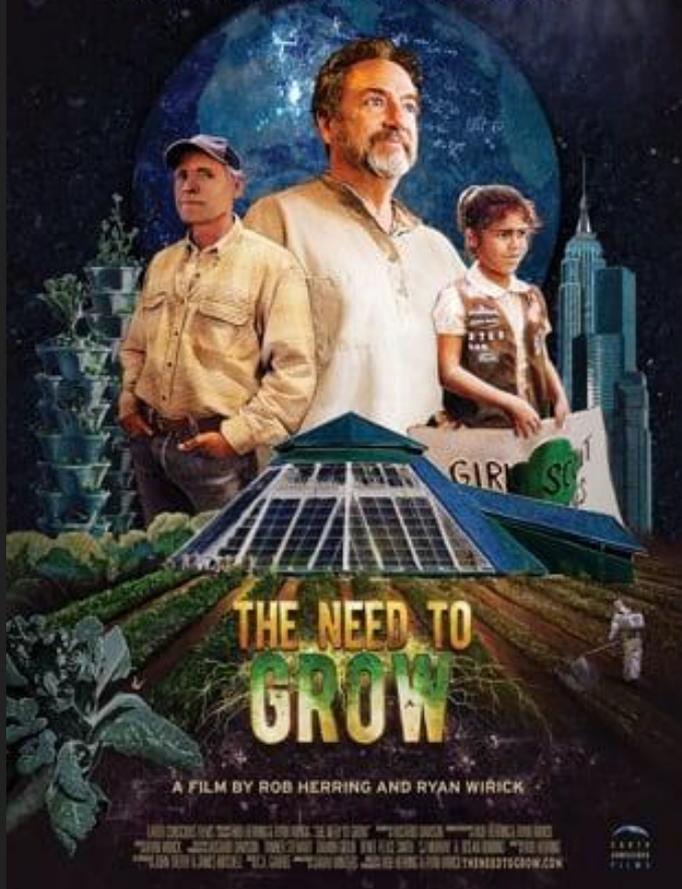
The Regenitech Geothermal Solar Concentrator is an opportunity to demonstrate the synergy between 3 complementary technologies.

Our combined efforts will accelerate the growth of regenerative soil, the amount of regenerative food that can be grown in that soil, and an independent grid distribution of large amounts of renewable energy from soil, solar and wind.



EXECUTIVE PRODUCED AND NARRATED BY
ROSARIO DAWSON

SAVE THE SOIL, SAVE THE WORLD.



Regenitech LLC

Founded by computer scientist Michael Smith, featured in the documentary The Need to Grow.

Focused on regenerative agriculture and renewable energy production, REGENiTECH LLC has formed a partnership with earth's ecosystems to go beyond Artificial Intelligence and develop sustainable technology based on Natural Intelligence. With 40 years of experience in computer engineering and physics based behavioral modeling, Michael continues to advance the art and science of integrated, smart, closed-loop technologies on a global scale.

Currently developing Natural Intelligence System for regenerative agricultural systems and renewable energy.

Link to The Need To Grow trailer:

<https://www.earthconsciouslife.org/theneedtogrow>



Regenitech Norway AS
Meet the team:



Michael Smith Regenitech LLC, Whitefish, Montana

2019 - Regenitech LLC: President. Inventor of Natural Solutions Engine (NSE), Earth Power Lodge (EPL) and Geothermal Solar Concentrator (GSC)

2008 - 2019 Algae AquaCulture Technology: This is where Michael developed the first closed-loop bioreactor system called the Green Power House (GPH) featured in the documentary The Need To Grow.

2007 - 2008 Havok: Sr. Software engineer. Character research involving Behavior, Animation and Physics

2003 - 2007 Electronic Arts Canada: Sr. Software Engineer. Research and development of runtime animation engine for games. Related Physics, Animation, Inverse Kinematics and Physical Behavior development (FIFA Videogames, PGA Golf tournament).

1997 - 2002 Saffire: Sr. Software Engineer. Runtime engine and offline tools for game software.

1995 - 1998 Strata: Software Engineer. 3D modeling, inverse kinematics and shaders for StrataVision raytracer

1988-1995 Mira Imaging Inc. President. Inventor of the HyperSpace Modeler, used by special effects houses around the world to create realistic looking 3D characters and models.

1985 - 1987 Computer Captain: Director of Software Development. Software and visual effects.

1983 - 1987 BTS (formerly Bosch Video Equipment Division) Software Engineer. Primary developer of the Bosch FGS 4000 Animation system. The FGS 4000 animation software was most known for its use in the landmark "Money For Nothing" video. The animation system was awarded a Technical Emmy for its contribution to broadcast television.





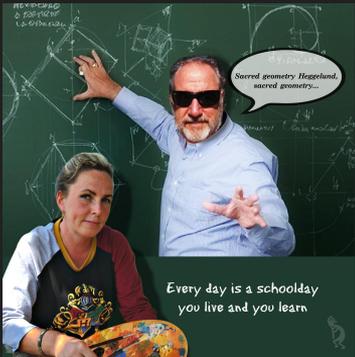
Line Heggelund owner and co-founder at Villa Solsiden. Serial entrepreneur, locomotive, creative director, eco warrior and “Swiss army knife”.

1987 - Current: Self employed artist and graphic designer.

2003 - Current: Original Selection. Entrepreneur. Import and sales of Mexican chimeneas and artifacts.

2008 - Current: Owner and co. founder at Villa Solsiden. EGE (Equine Guided Education) coach and NLP master practitioner

2020 - and onwards: Regenitech Norway AS. Locomotive, networker and storyteller.





The future?



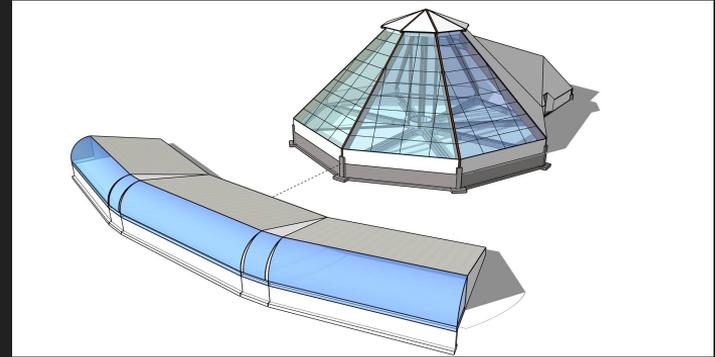
A regenerative alternative



REGENiTECH LLC In Montana, USA,

has developed a carbon negative process in a closed circuit that can capture a variety of plant-based waste streams and convert them into organic soil, regenerating products and renewable energy.

2022: Construction has begun at Hoopers Garden Center in Kalispell, Montana.
 Completion: April 2022
 Regenigrow distribution June 2022



REGENiGROW
 Shake well before use.
 Add 1/2 cup REGENiGROW to 1 gallon of water.
 REGENiGROW™ contains five particles of bio-nerf that improve and settle to the bottom of the container. When applied as a root drench, these particles will adhere to the roots and add to your soil's ability to support microorganisms that feed your plants.
 As a root drench start by adding 1/2 cup per gallon of water. For all plants use the same response to bio-nerfs to please monitor the plant closely for any treatment. You may find, depending on the condition of your soil, that watering with REGENiGROW™ can save water as well as sufficient. Over time you will notice your plants are using less water to do the same work.
 REGENiGROW™ works great for foliar applications. Filter the five particles out so that do not plug your nozzle and make sure to add them to your soil. Use 1/2 cup of REGENiGROW™ to 1 gallon of water for the foliar spray.
 REGENiGROW™ can be added to other compost teas to boost their effect.
 REGENiGROW™ can be used in hydroponic and aeroponic feeding systems.
 32 fl. oz. (1 quart)

REGENiTECH
 THE FUTURE IS REGENERATION

BIO-STIMULANT
 Organic & Veganic
 Soil & Culture Veganique

natural plant-based organic matter in liquid form

All natural liquid plant food & soil conditioner perfect for indoor & outdoor plants at all stages of growth

| | |
|------------------------------|---------|
| Derived from Algae & Biochar | |
| GUARANTEED ANALYSIS | |
| Total Nitrogen (N) | 0.011 % |
| Total Phosphorus (P) | 0.001 % |
| Total Potassium (K) | 0.055 % |
| Total Calcium (Ca) | 0.001 % |
| Total Magnesium (Mg) | 0.001 % |
| Total Sulfur (S) | 0.001 % |
| Total Silicon (Si) | 0.001 % |
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| Total Zinc (Zn) | 0.001 % |
| Total Manganese (Mn) | 0.001 % |
| Total Iron (Fe) | 0.001 % |
| Total Cobalt (Co) | 0.001 % |
| Total Nickel (Ni) | 0.001 % |
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| | |

EPL and GSC explained by Michael Smith.

“As the primary developer of the old Green Power House (GPH) system that was essentially a working prototype of a closed-loop biorefinery designed to process mill waste into power and organic soil amendments.

I strongly recommend a new more general approach that is based on a network of integrated modular 'smart' components. This system is called the Earth Power Lodge (EPL). Our company, REGENiTECH LLC, is essentially a consulting company that assists in the development of EPL systems. We strongly recommend a thorough feasibility study prior to attempting to build an EPL system. The feasibility study takes into account all of the local Environmental inputs including Social and Economic to assure the success of the design and deployment of the biorefinery.

One of the larger goals of the EPL technology is to create an intelligent network of biosystems that can be used to solve some very important problems on the global scale.”



Natural Intelligence

The Natural Intelligence system understands regional demands and balances them within the network to reduce waste and maximize the regeneration of soil and thus the production of healthy food. As demands shift the system can rebalance itself to maintain its integrity.

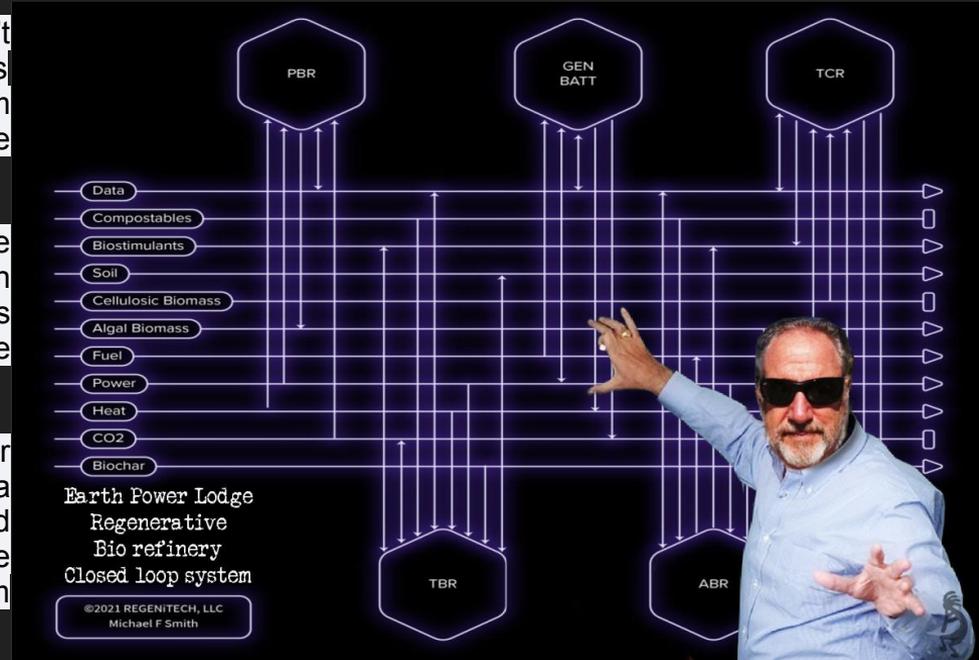


Economics

When I speak of economics I should be more clear that I don't necessarily mean the exchange of fiat currency. The plains bison are a good example of a regenerative economic system that was destroyed and replaced by another unsustainable system.

In order for a technology to be sustainable it must also be economically sustainable. If we focus on the emerging carbon economy we must ensure the mass-energy balance is sustainable otherwise you might just replace one destructive system with another.

When I first introduced the concept siting a GPH at a lumber mill the focus was on consuming what was perceived as a 'waste byproduct' from the production of lumber and transforming it into salable goods while at the same time offsetting greenhouse gas emissions that would result from 'burning' the waste... that was about 13 years ago.

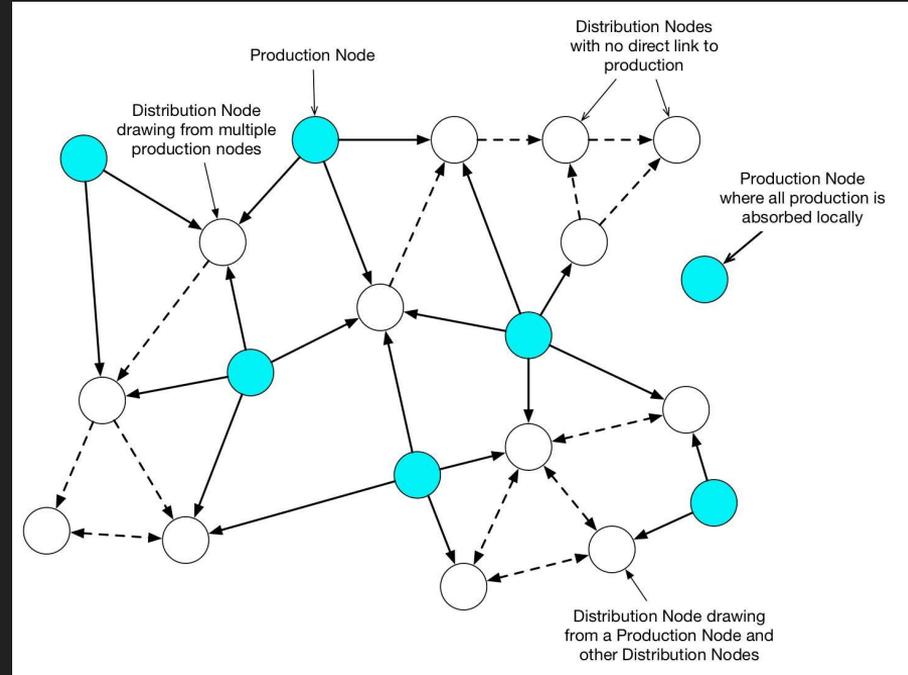


Closed loop eco-systems

Over the years as I began studying all of the current bioreactor systems I realized that in order to truly model a closed-loop eco-system one must analyze as many of the environmental assets as possible. If you are building in the desert your 'smart' components may be different than if you are building in the arctic.

We know that humans as well as other species can adapt to a variety of climates given the right balance of 'resources'. However, humans have an innate ability to adapt to an environment by exploiting or extracting resources unsustainably. Making biochar from biomass is an example of a great idea that can go bad quickly if the long term objectives are not fully understood.

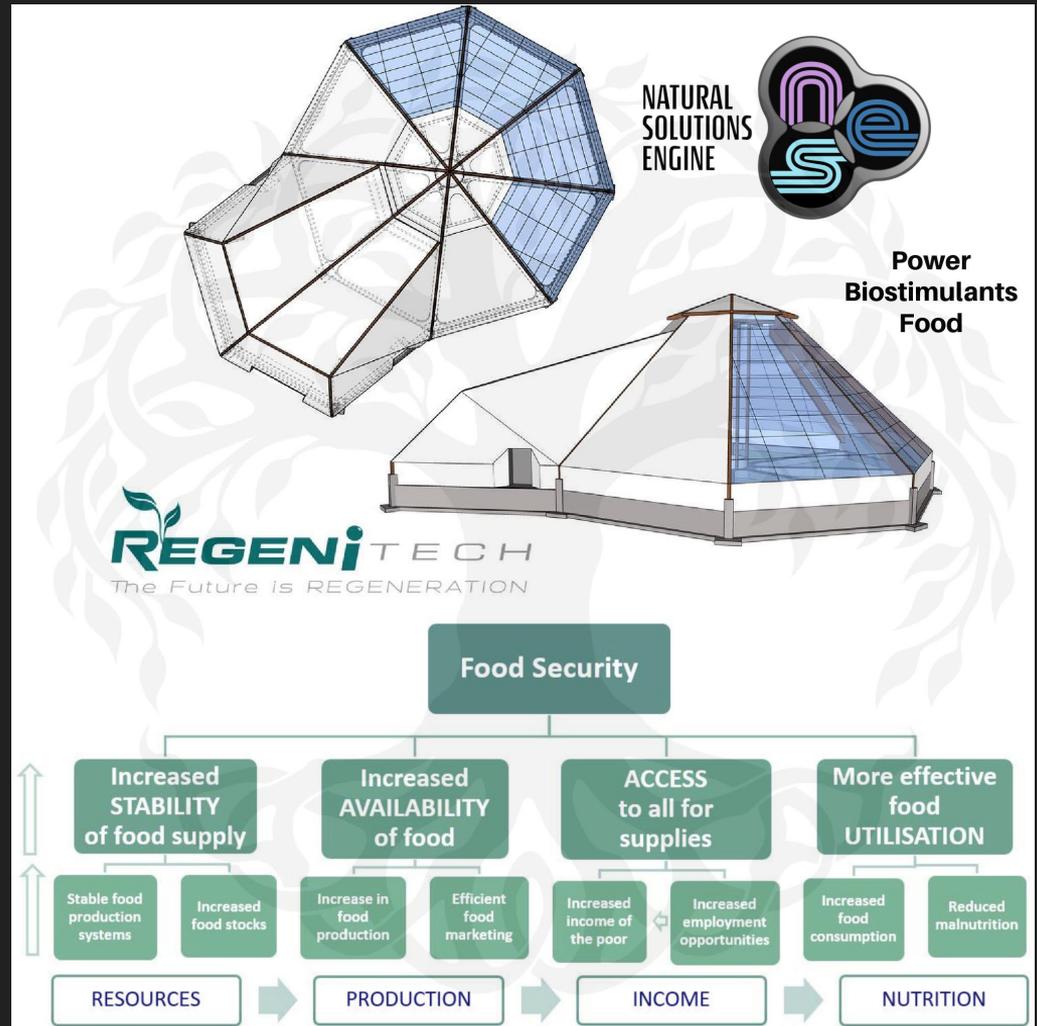
The EPL is an 'adaptive' technology that can shift the emphasis on the resource inputs and outputs dynamically or gradually over time. If you examine our 'linked network' of biorefineries you might see the resemblance to a 'neural network'. If we plan each EPL site as an integral part of a large system we can solve not only the distribution of energy problem but also efficient distribution of healthy food problem.



Geothermal Solar Concentrator (GSC)
 Earth Power Lodge (EPL)
 Natural Intelligence Engine (NSE)

Produces:

- Biostimulants for regeneration of soil.
- Methane and hydrogen gas for the production of green energy.
- Fresh, nutritious, organic and locally produced food.
- The biorefinery is carbon negative and able to sequester large amounts of CO₂.



Our key partners:

Geothermal Solar Concentrator, biostimulant production and power station. www.regenitech.com

All Power Labs, renewable energy production www.allpowerlabs.com

Network www.hi5.no

Innovasjon Norge www.innovasjon Norge.no

Energy www.ennova.no

Economics

Investment: NOK 5 000 000,- (-25%, Ennova?)

Geothermal Solar Concentrator (GSC) Construction, hardware and software

Except for software and some hardware, construction components will be sourced as locally as possible.

Revenue streams:

REGENiGROW biostimulants: 350 liter/day, 128 000 liter/year

Sales price NOK 100,- /liter, = NOK 10 000 000,- year (x mva)

Organic vegetables, leafy greens and herbs: 5 000 kg/year, kr. 100,- kg = NOK 500 000,-

Electricity: 300 KWH /day, 110 000 KWH /year (NOK 2,-pr. kwh) NOK 220 000,-

Total: 12 720 000,-

Operation cost:

Salaries NOK 5 000 000,-

Biomass NOK (Kr. 1500,-/ton) 120 000,-

Packaging and shipping NOK 3 500 000,-

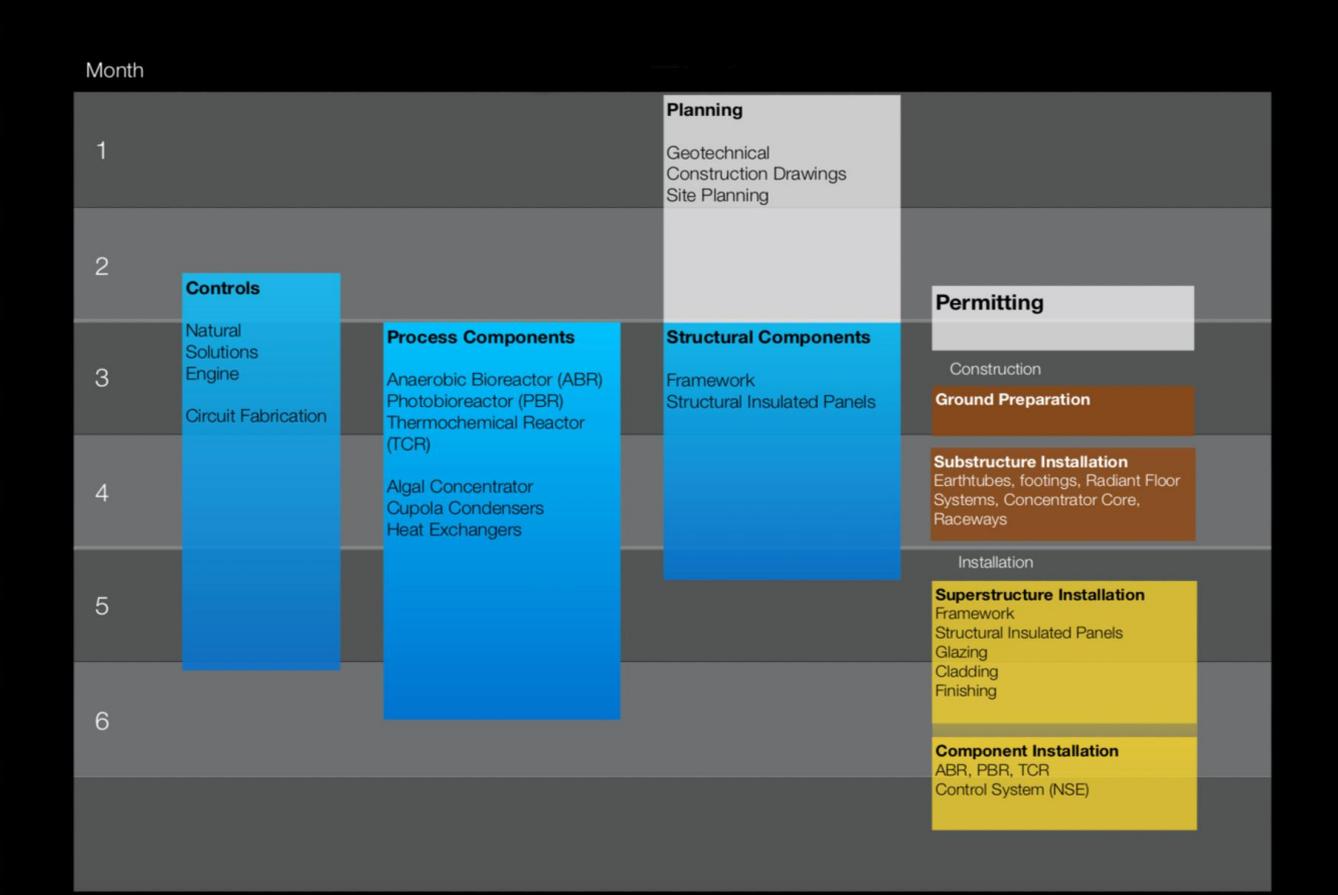
Other costs, car leasing, insurance, maintenance 1 000 000,-

Total: 9 620 000,-

Income, year: 3 100 000,-

ROI < 2 years.

Execution plan



Let's make Earth green again



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