

GRAPHICAL SCHEMATICS

FOR

PLANETARY MATERIALS



Hi,

Please notice that the Graphical Schematic for Planetary Materials is not a manual to teach you how the planetary interaction works. Before using this guide, you assume to have the basic understanding of the Planetary interaction.

I hope that you will find here all the resources you need for the production of your items, and feel free to contact me in game to share your opinion.

This guide is fully free, and feel free to make a donation to zyhon.

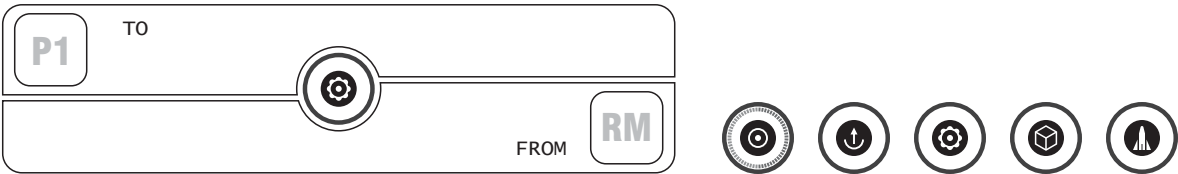
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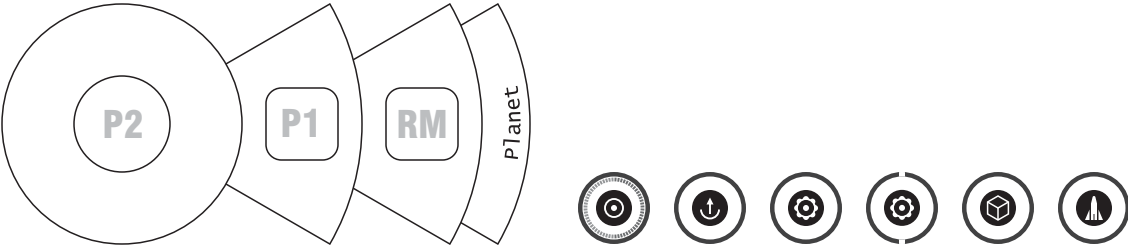
Planets to RM



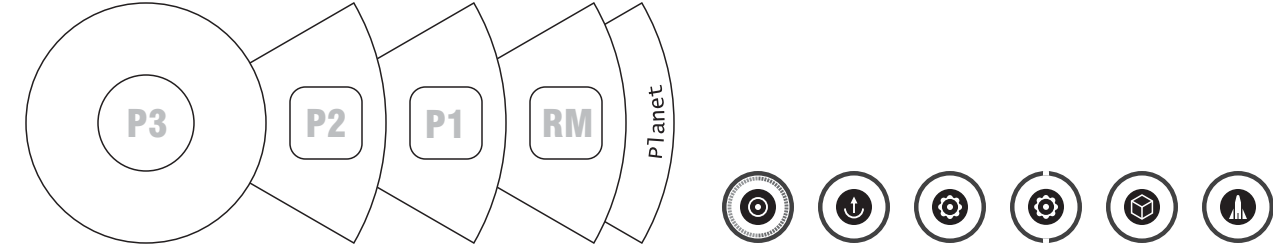
Planets to P1



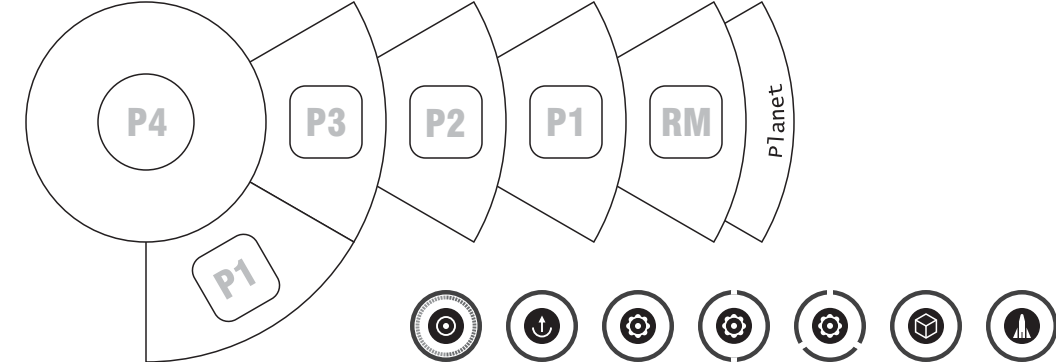
Planets to P2

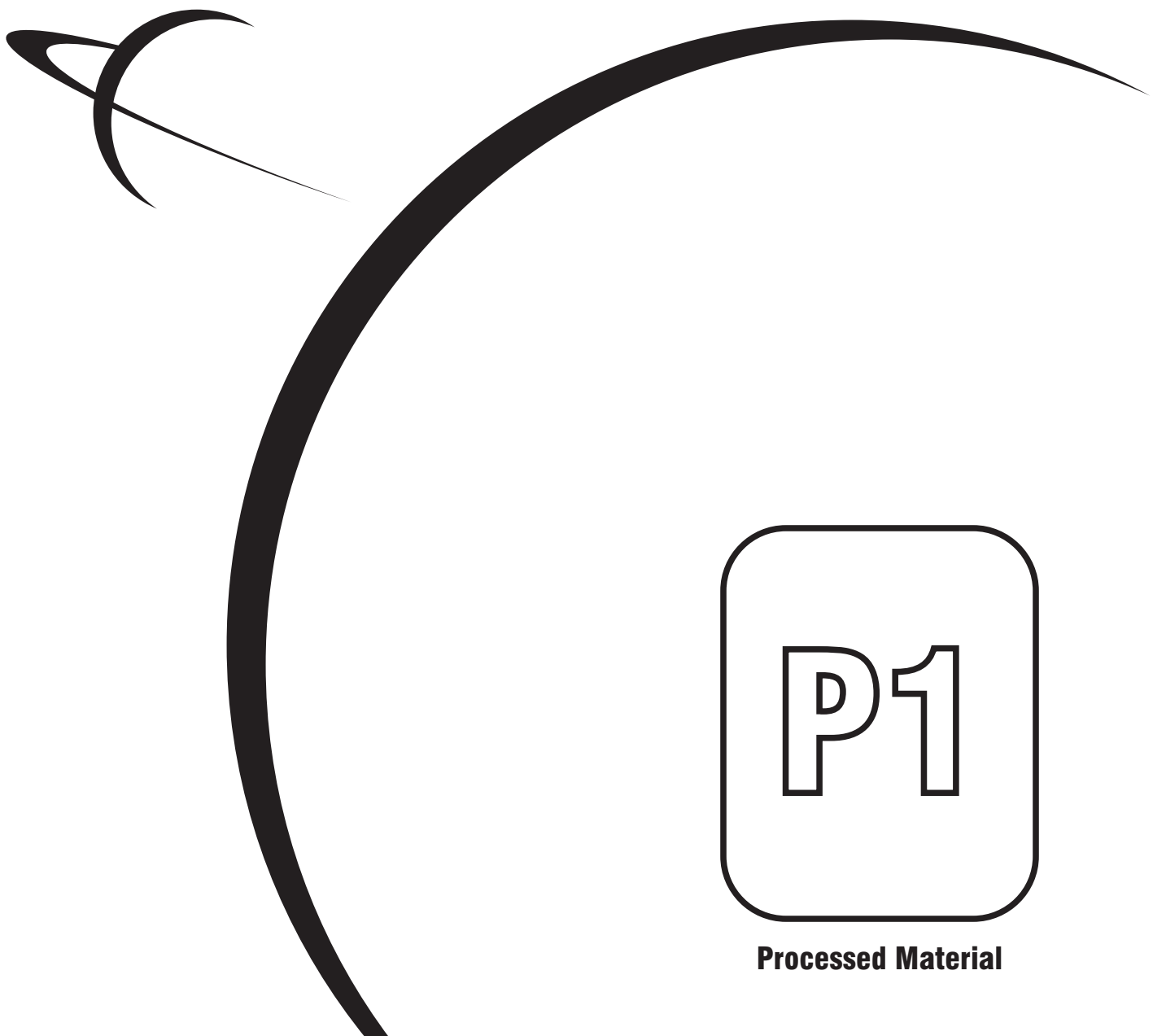


Planets to P3



Planets to P4





Processed Material



Bacteria





Micro Organisms





Plasmoids


Suspended Plasma





Biofuels


Carbon Compounds



Precious Metals

Noble Metals





Biomass





Planktic Colonies





Proteins


Complex Organisms





Chiral Structures


Non-CS Crystals




Reactive Metals


Base Metals



Electrolytes

Ionic Solution





Silicon





Felsic Magma



Industrial Fibers

Autotrophs




Toxic Metals





Heavy Metals



Oxidizing Compounds

Reactive Gas



Water




Aqueous Liquid





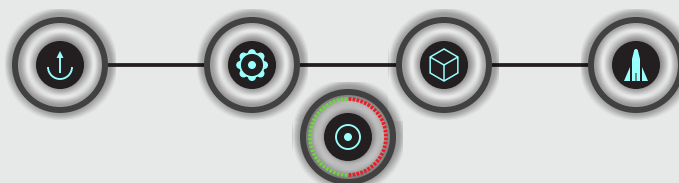
Oxygen




Noble Gas



- Barren 
- Gas 
- Ice 
- Lava 
- Oceanic 
- Plasma 
- Storm 
- Temperate 



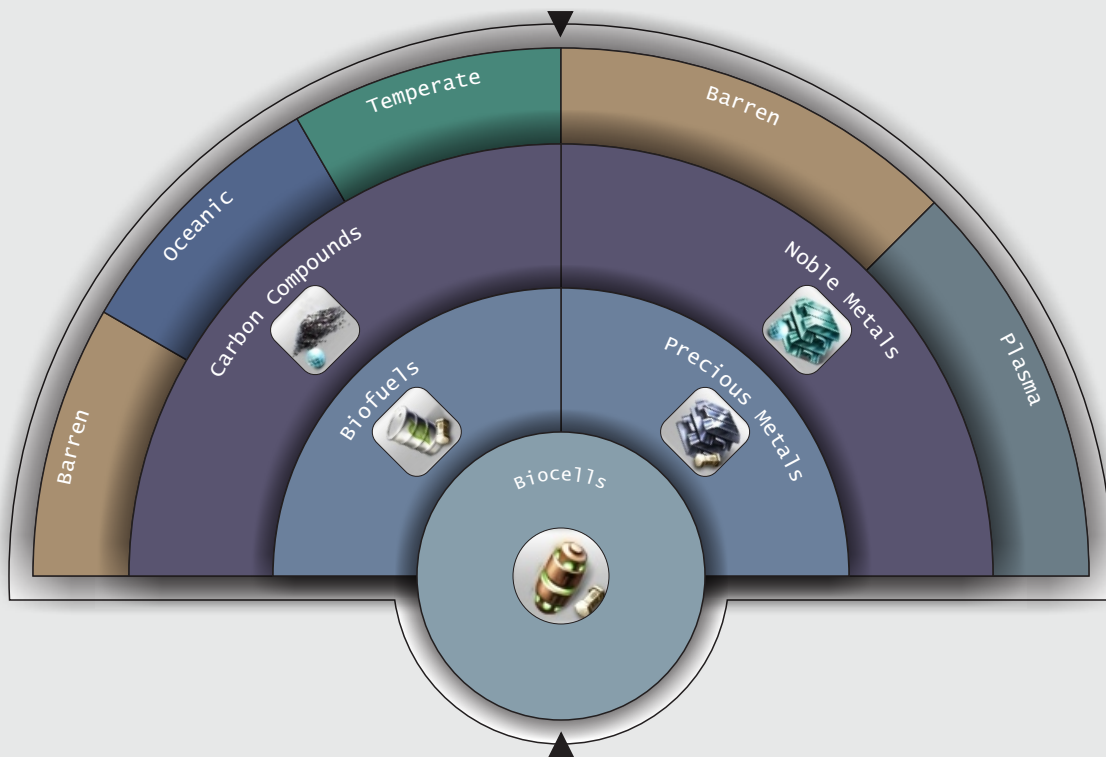
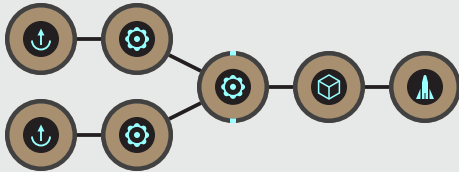


P2

Refined Commodities

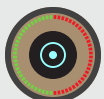


PLANETS EQUATION : (BOT) + (BP)



Similar to an ancient battery, a biocell instead uses biofuels distilled from organic material and precious metals to produce an electrical current in a self-contained, modular unit. However, modern biocells dwarf the capabilities of ancient batteries by several orders of magnitude.

- Barren ●
- Gas ●
- Ice ●
- Lava ●
- Oceanic ●
- Plasma ●
- Storm ●
- Temperate ●

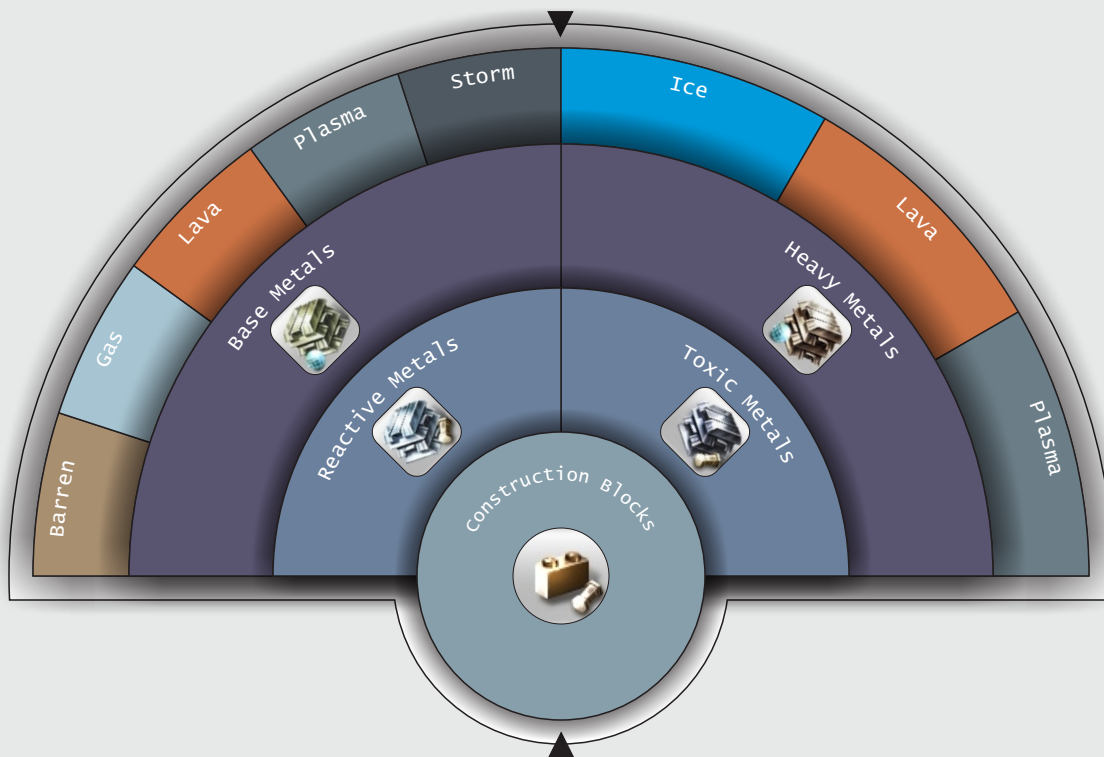
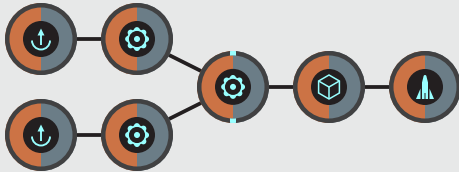




CONSTRUCTION BLOCKS

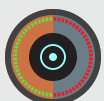
P2

PLANETS EQUATION : (BGLPS) + (ILP)



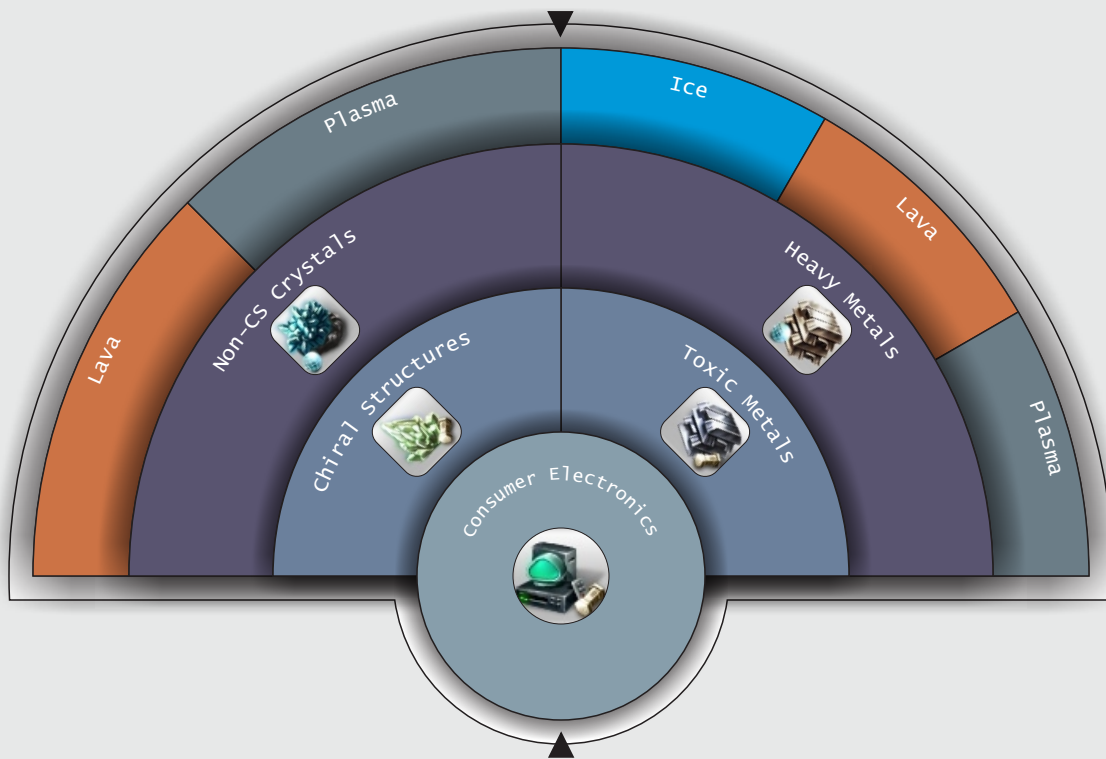
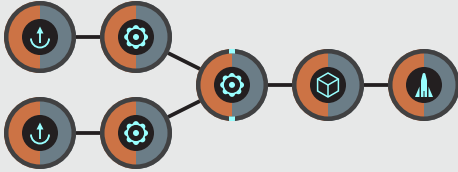
Metal girders, plasteel concrete, and fiber blocks are all common construction materials used in almost every large-scale building or manufacturing project throughout New Eden.

- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate



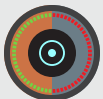


PLANETS EQUATION : (LP) + (ILP)



Consumer electronics encompass a wide variety of individual goods, from entertainment media and personal computers to slave collars and children's toys.

Barren
Gas
Ice
Lava
Oceanic
Plasma
Storm
Temperate

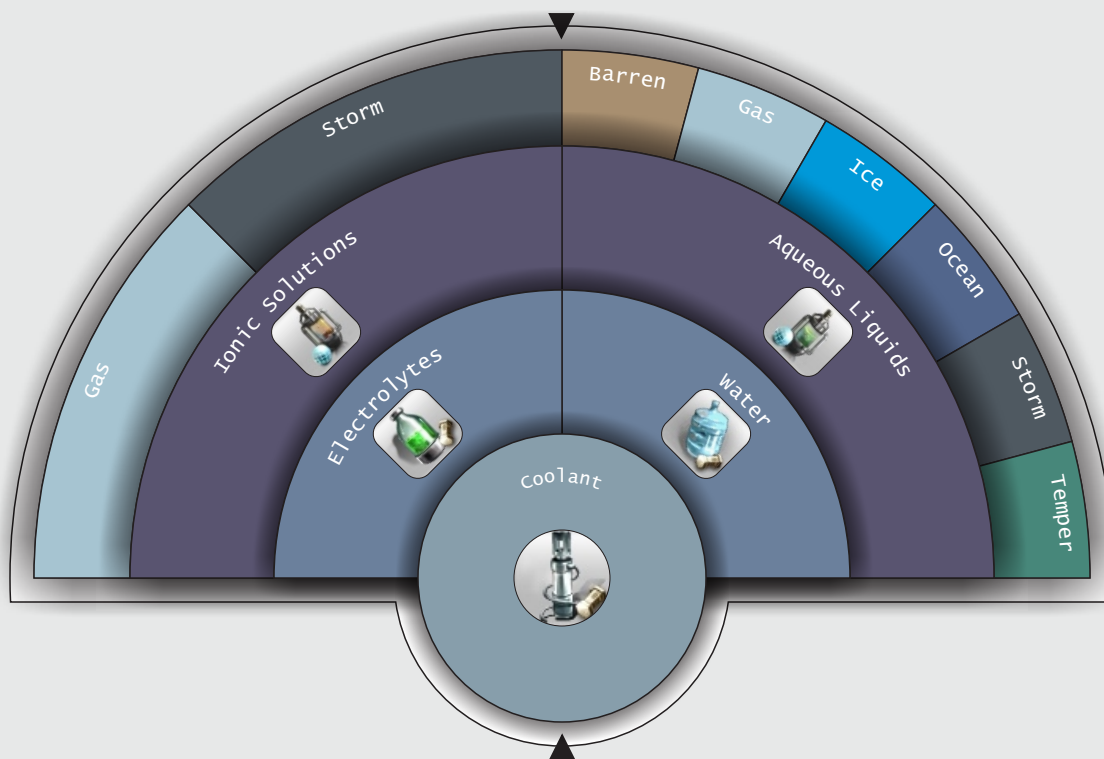
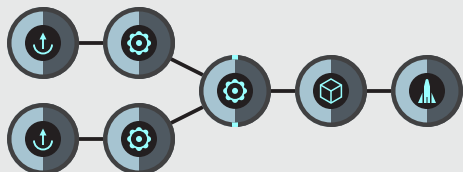




COOLANT

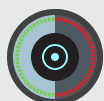
P2

PLANETS EQUATION : (GS) + (BGIOST)



This specially blended fluid is ideal for transferring thermal energy away from sensitive machinery or computer components, rerouting it to heat sinks so it can be eliminated from the system.

- Barren ●
- Gas ●
- Ice ●
- Lava ●
- Oceanic ●
- Plasma ●
- Storm ●
- Temperate ●

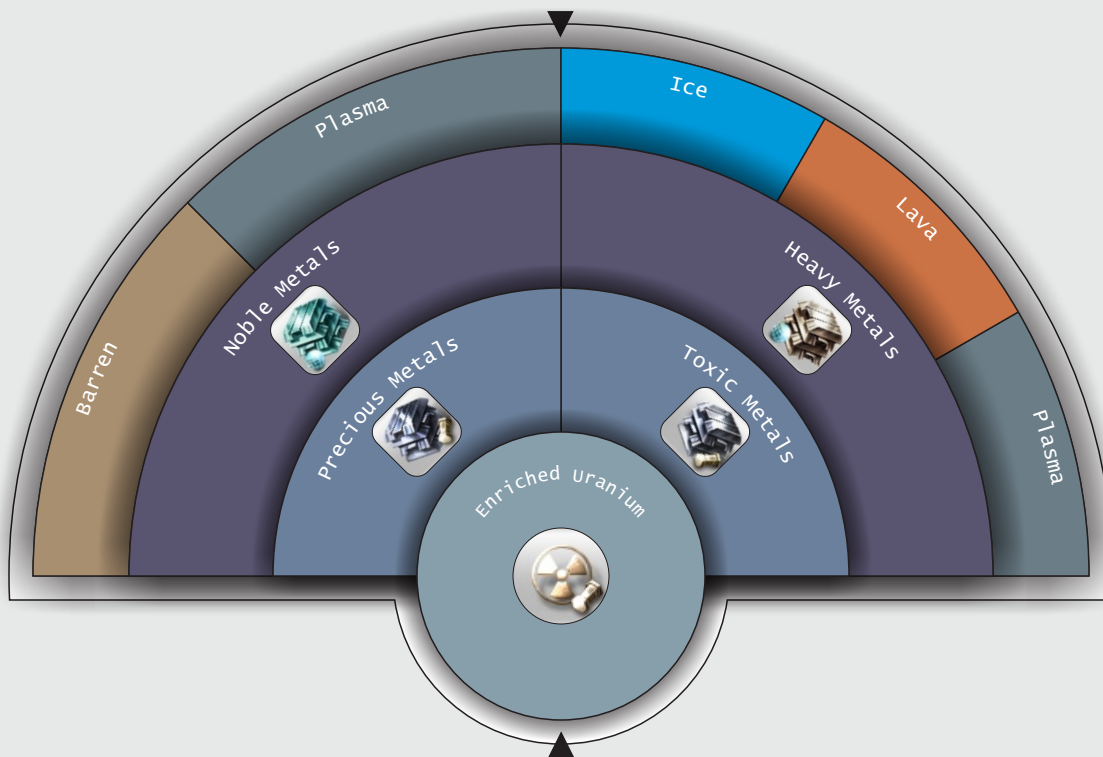
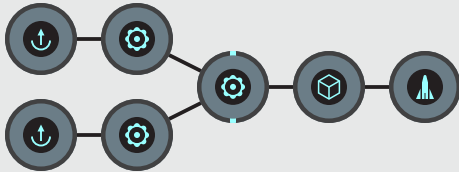












ENRICHED URANIUM

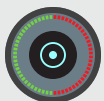
P2

PLANETS EQUATION : (BP) + (ILP)



Enriched Uranium is used in many kinds of manufacturing and as a fuel, making it a steady trade commodity. Enriched Uranium is generally manufactured by combining standard semiconductor PVD methods with ionic separation by means of mass spectrometry.

- Barren 
- Gas 
- Ice 
- Lava 
- Oceanic 
- Plasma 
- Storm 
- Temperate 

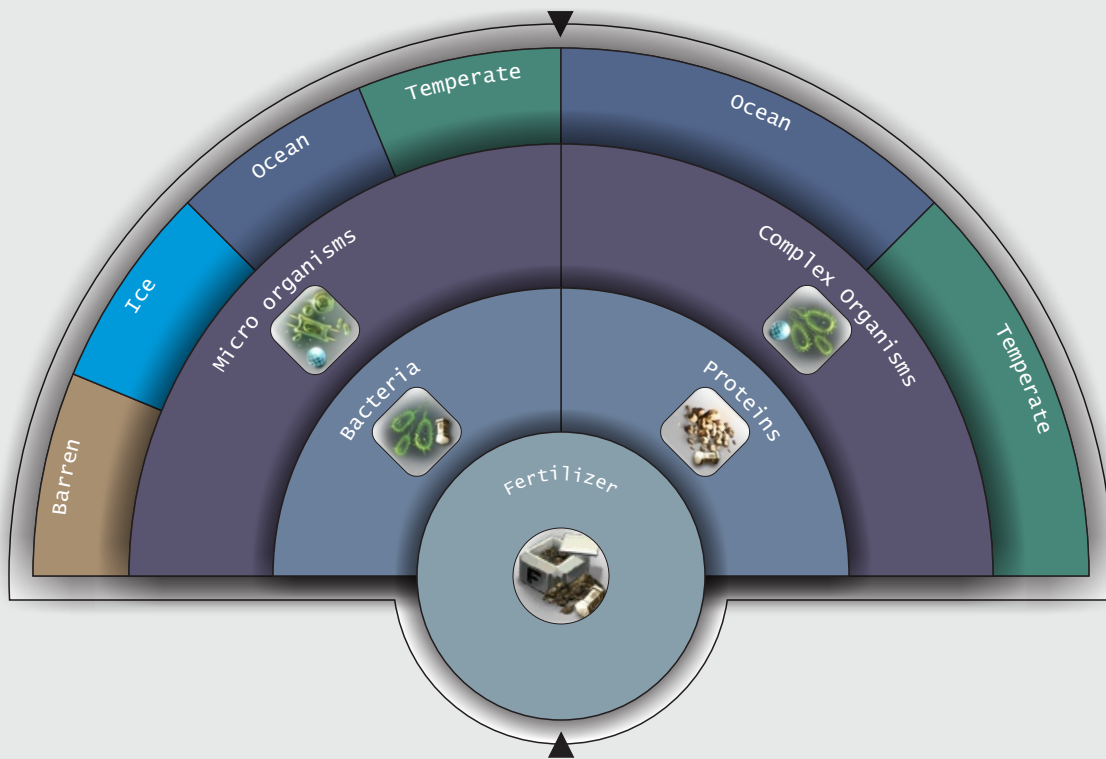
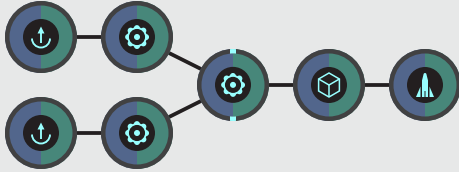




FERTILIZER

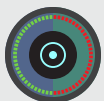
P2

PLANETS EQUATION : (BIOT) + (OT)



Fertilizer is particularly valued on agricultural worlds, where there is constant supply for all commodities that boost export value.

- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate

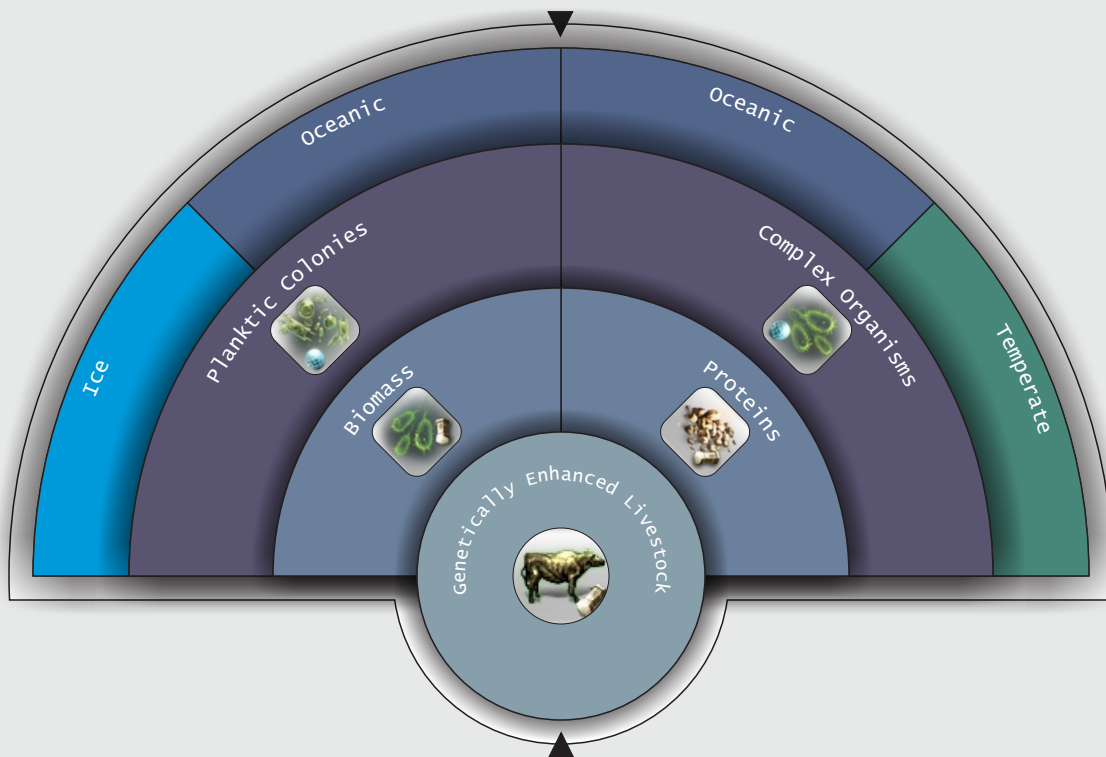
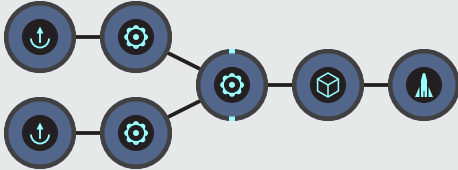




GENETICALLY ENHANCED LIVESTOCK

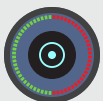
P2

PLANETS EQUATION : (IO) + (OT)



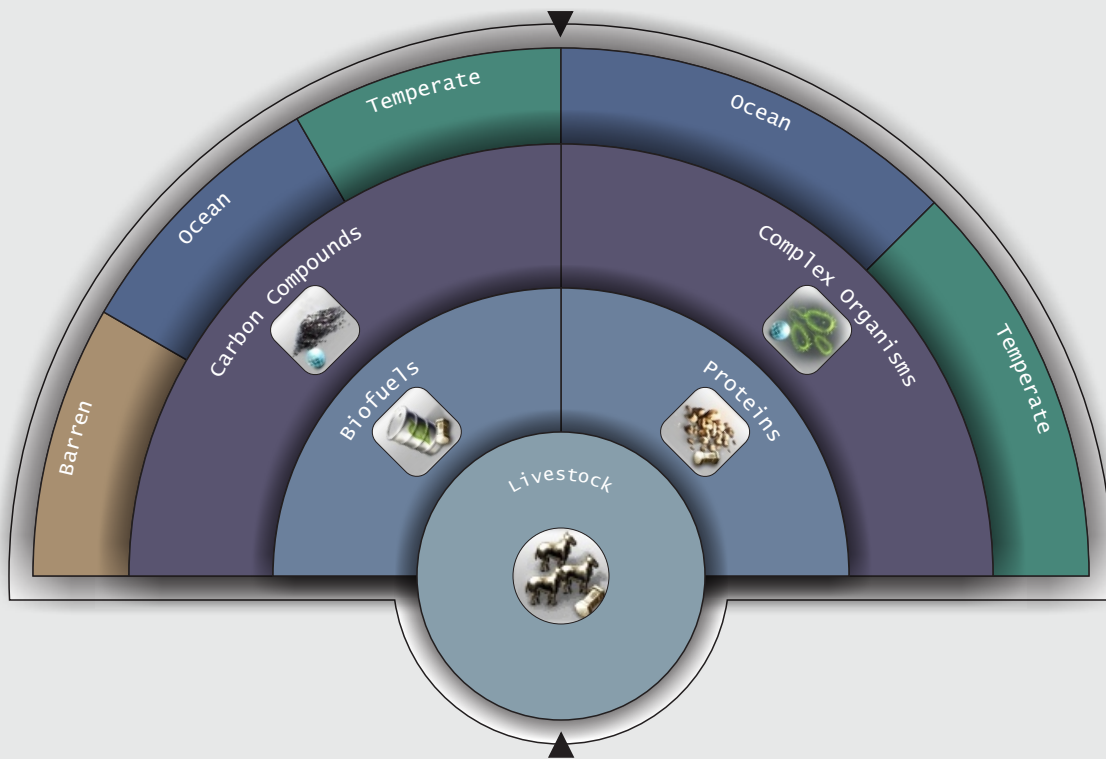
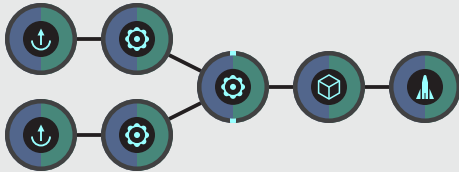
Livestock are domestic animals raised for home use or for profit, whether it be for their meat or dairy products. This particular breed of livestock has been genetically enhanced using the very latest technology.

Barren
Gas
Ice
Lava
Oceanic
Plasma
Storm
Temperate



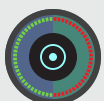


PLANETS EQUATION : (BOT) + (OT)



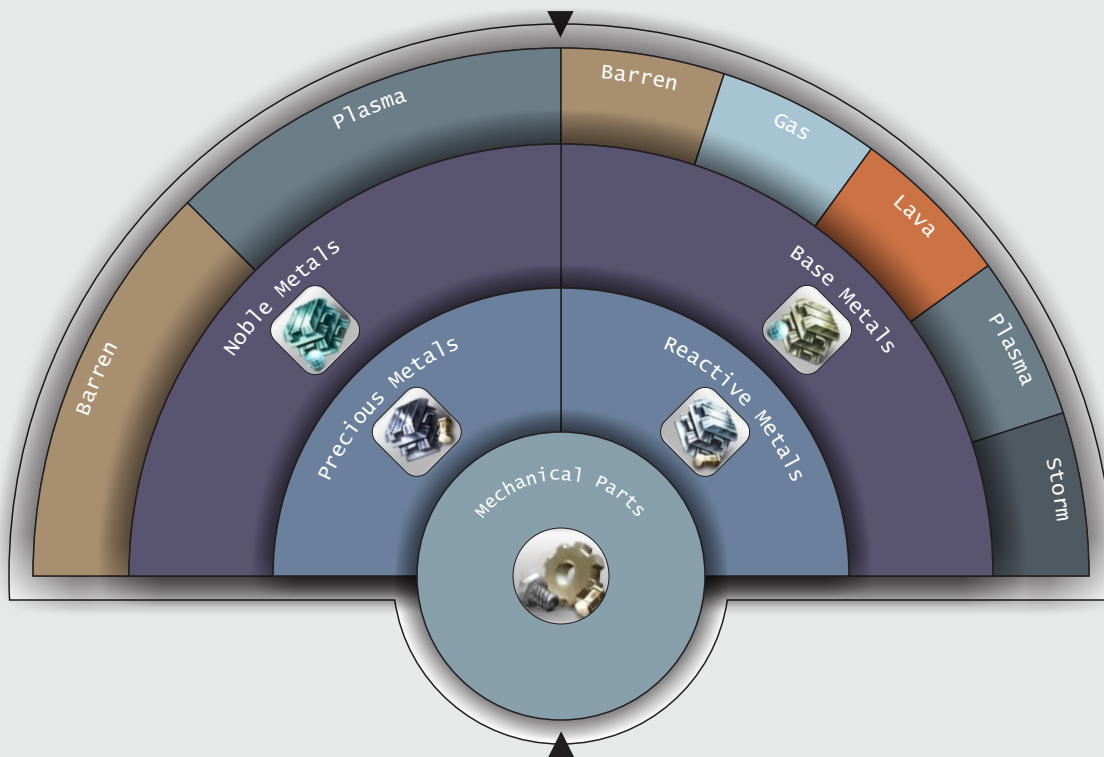
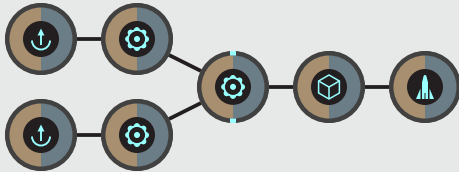
Livestock are domestic animals raised for home use or for profit, whether it be for their meat or dairy products.

- Barren ●
- Gas ●
- Ice ●
- Lava ●
- Oceanic ●
- Plasma ●
- Storm ●
- Temperate ●



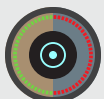


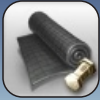
PLANETS EQUATION : (BP) + (BGLPS)



These basic elements of all mechanical hardware can come in virtually any shape and size, although composite or modular functionality is highly advantageous in today's competitive market. Factories and manufacturers take these parts and assemble them into finished products, which are then sold on the market.

- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate

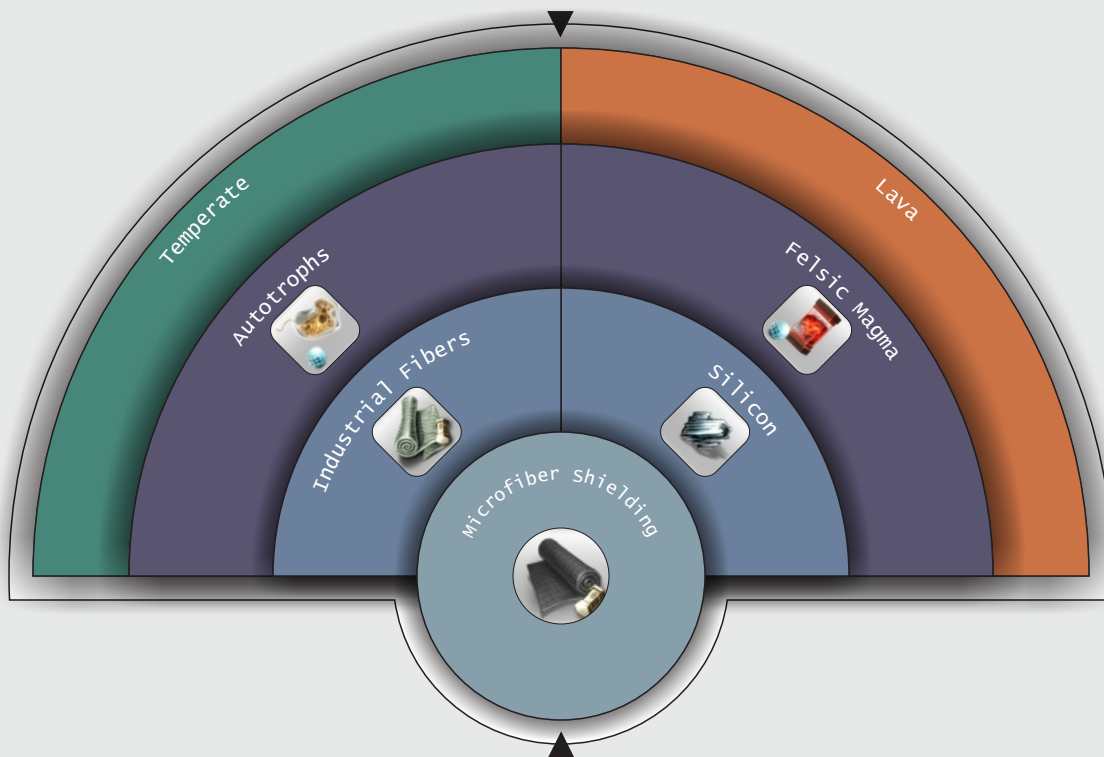
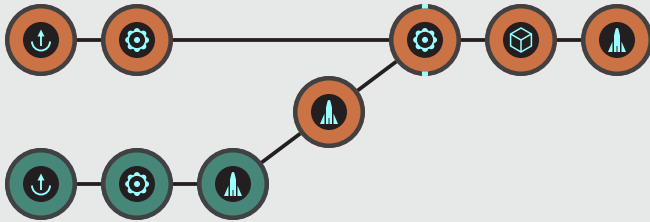




MICROFIBER SHIELDING

P2

PLANETS EQUATION : (T) + (L)



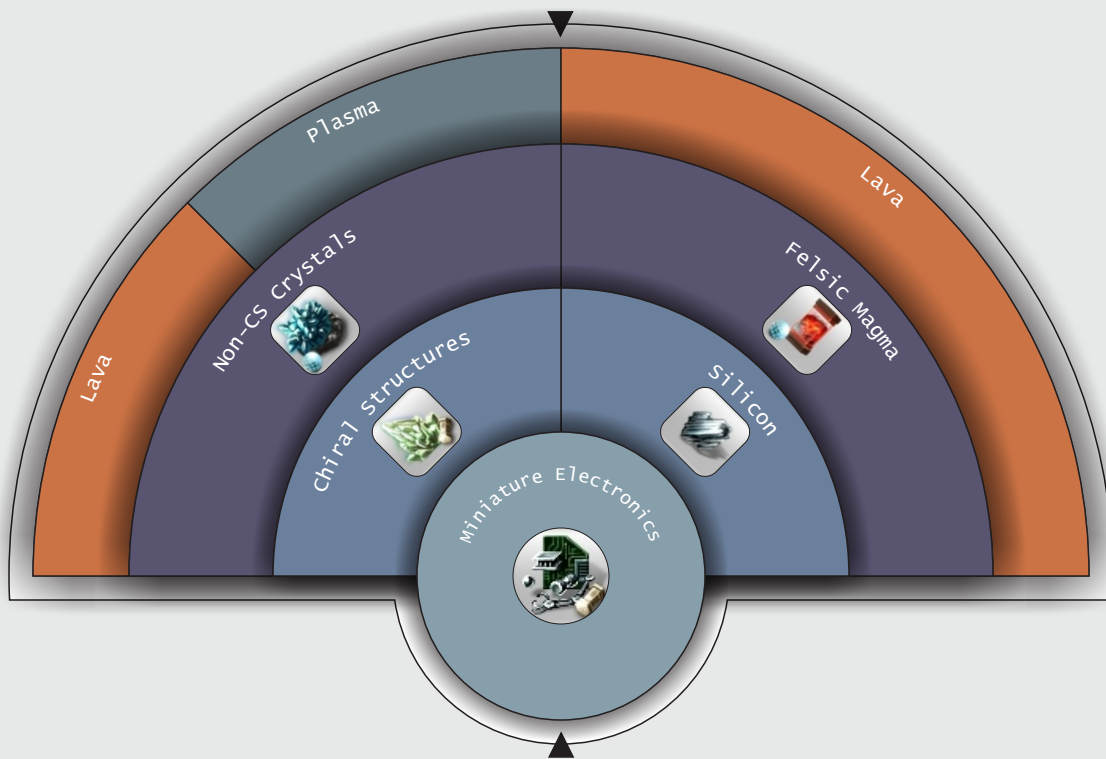
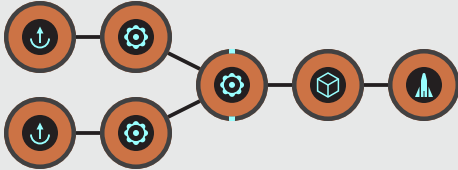
Using advanced residual substrate isolation technology, silicon weave is threaded through layers of tough organic fibers. The resulting microfiber shielding is incredibly resilient and retains the microscopic profile required to shield miniaturized electronics.

- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate



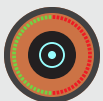


PLANETS EQUATION : (LP) + (L)



Advances in molecular chemistry and nanite-reduced computer chips have made almost every form of miniature electronics possible, from the simple holovid viewer and missile tracking systems to wetware cybernetics and quantum entanglement communications.

Barren ●
Gas ●
Ice ●
Lava ●
Oceanic ●
Plasma ●
Storm ●
Temperate ●

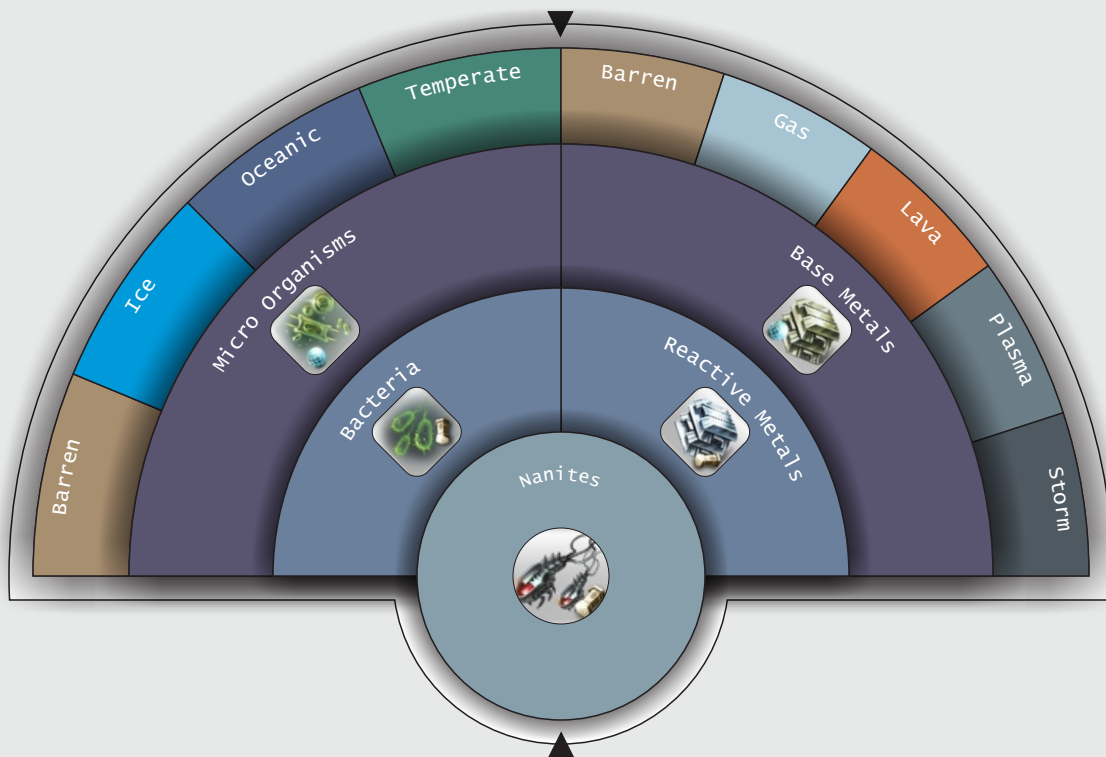
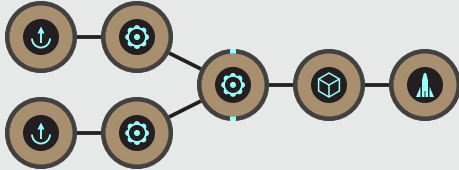




NANITES

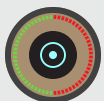
P2

PLANETS EQUATION : (BIOT) + (BGLPS)



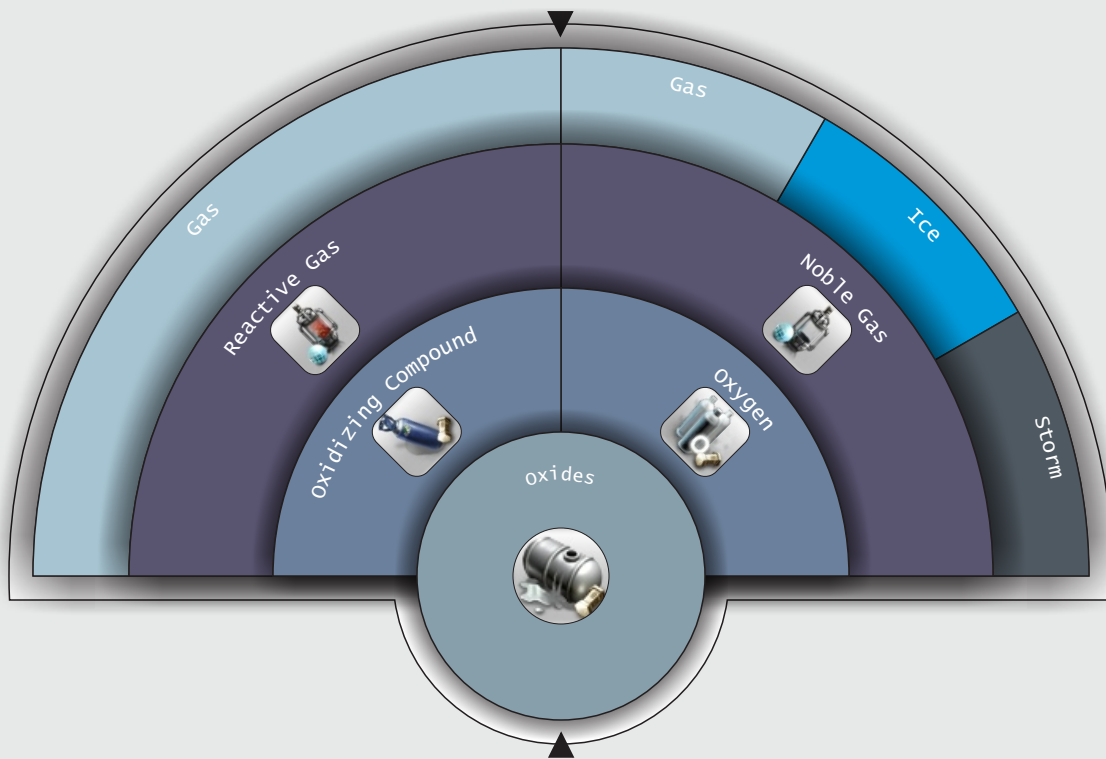
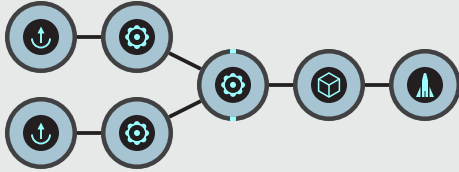
Though they are only simple machines and very small, nanites can be used to achieve miraculous medical results in small amounts or astounding feats of engineering in mass quantities.

Barren
Gas
Ice
Lava
Oceanic
Plasma
Storm
Temperate











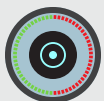


PLANETS EQUATION : (G) + (GIS)



Technically, any chemical compound that contains at least one oxygen atom is an oxide, though some are far more valuable than others. Once broken down and separated from waste material, many oxides can be applied to various industrial processes.

Barren 
 Gas 
 Ice 
 Lava 
 Oceanic 
 Plasma 
 Storm 
 Temperate 

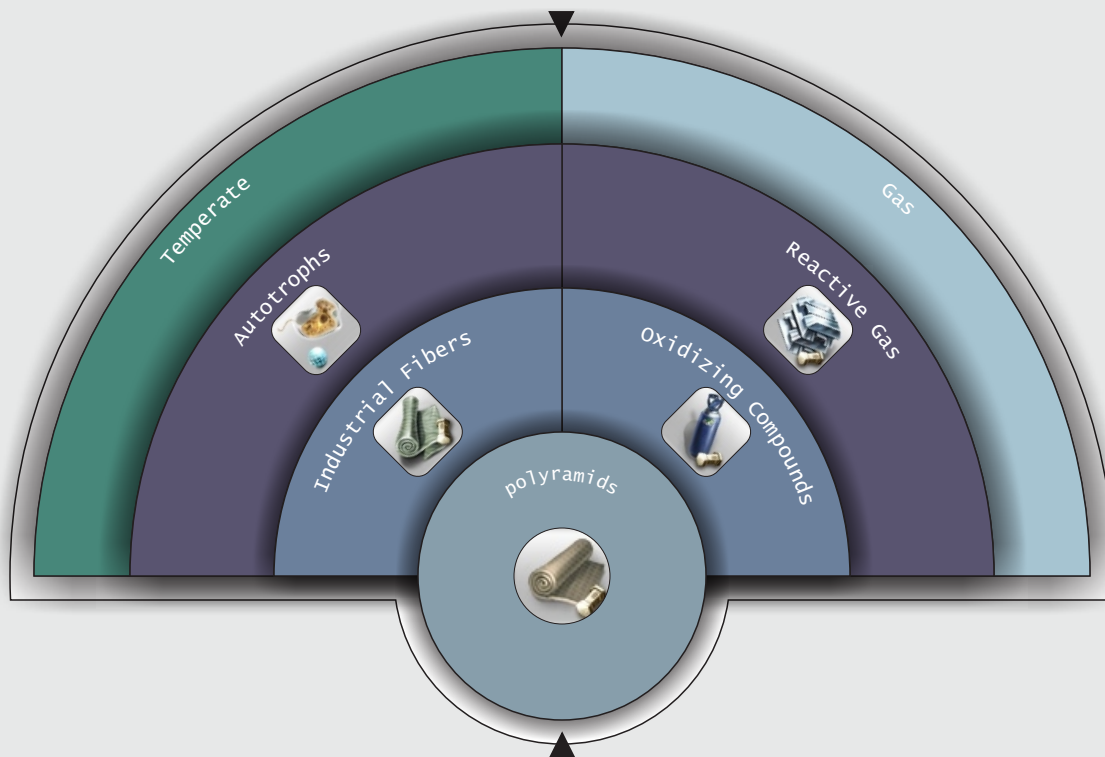
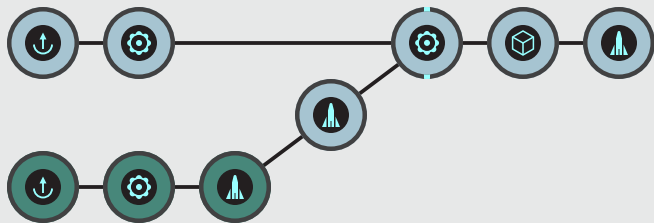




POLYRAMIDS

P2

PLANETS EQUATION : (G)+(T)(G)



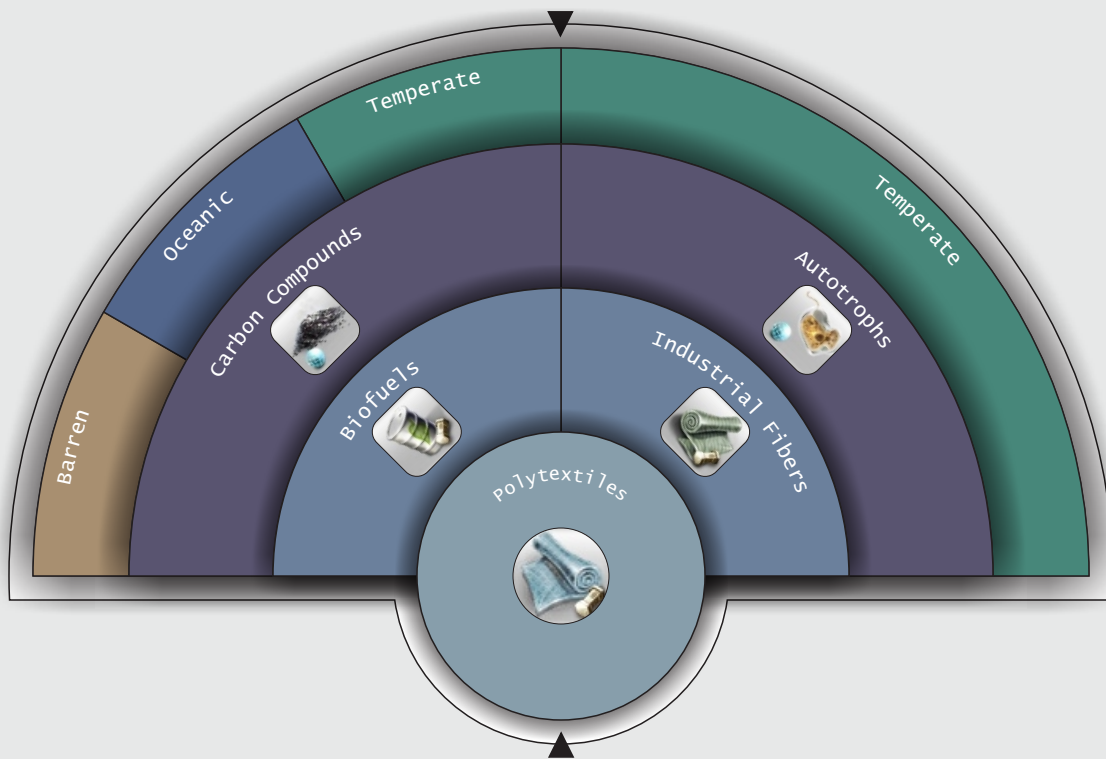
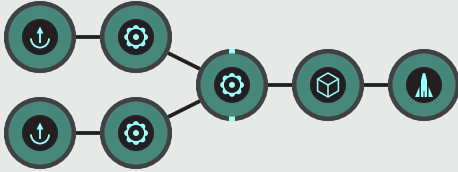
Polyaramid textiles are produced when industrial fibers are harvested from autotrophic life forms and subjected to intense pressure using reactive gas pistons. Able to absorb a startling amount of kinetic energy, sheets of this miraculous material can be form-fitted to just about any structure, protecting it from anything but weapons-grade impact forces.

- Barren ●
- Gas ●
- Ice ●
- Lava ●
- Oceanic ●
- Plasma ●
- Storm ●
- Temperate ●











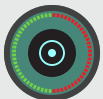


PLANETS EQUATION : (BOT) + (T)



Composite materials, both synthetic and natural, are used in the creation of polytextiles, durable fabrics that see widespread use in the clothing industry, solar sail manufacture, and even classic art.

Barren 
 Gas 
 Ice 
 Lava 
 Oceanic 
 Plasma 
 Storm 
 Temperate 

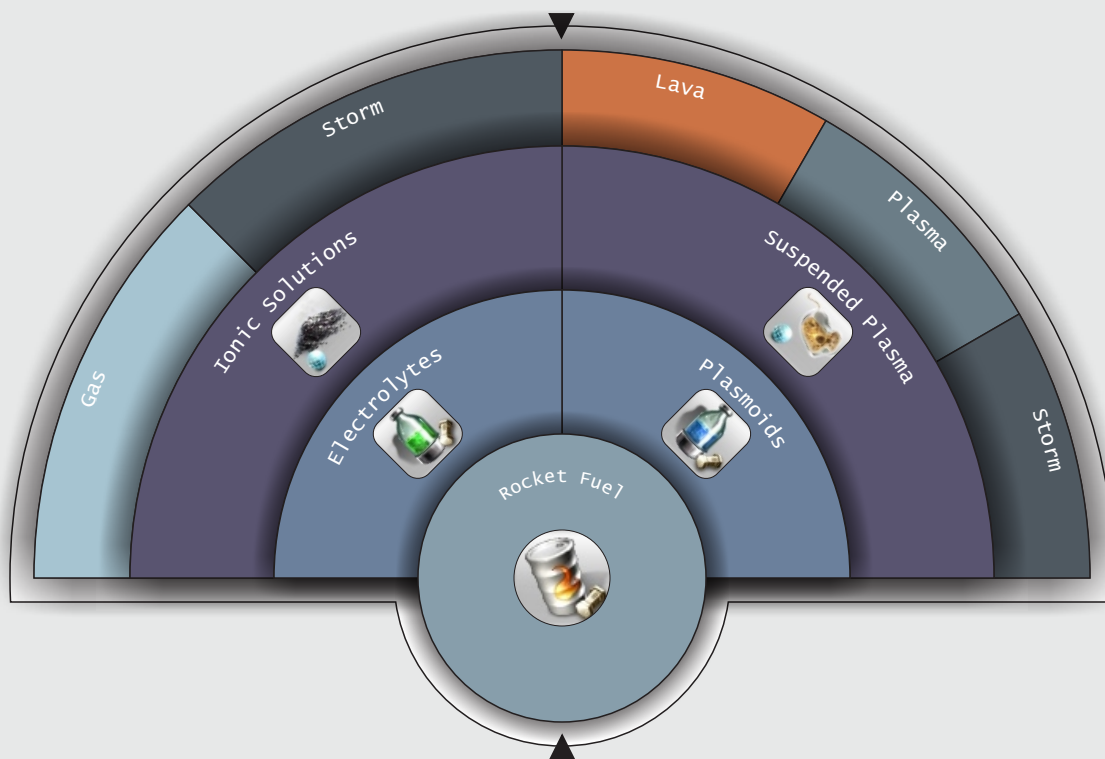
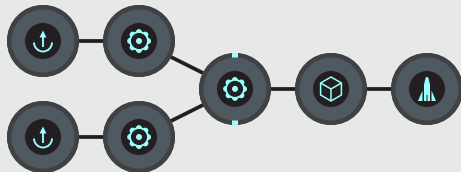




ROCKET FUEL

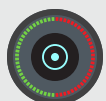
P2

PLANETS EQUATION : (GS) + (LPS)



The properties of this carefully refined liquid make it ideal for controlled combustion whether in or outside of atmospheric environments; its severe volatility requires special containers to resist most forms of impact, high temperatures, and electrical activity during storage and transportation.

- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate

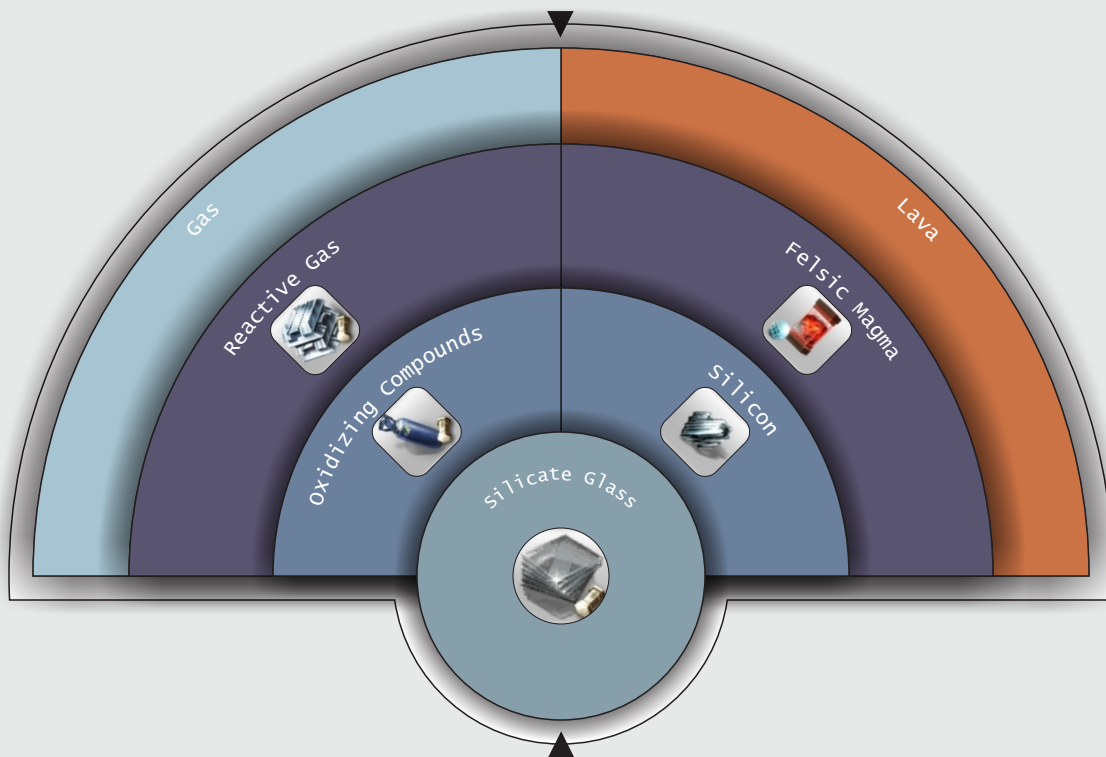
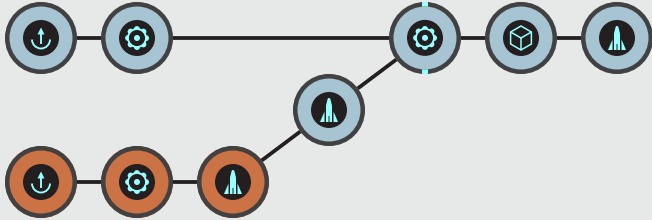




SILICATE GLASS

P2

PLANETS EQUATION : (G) + (L)



Silicate glass is a common construction material, in constant demand throughout New Eden, whether in planetary structures or reinforced for use in space vessels.

Barren

Gas

Ice

Lava

Oceanic

Plasma

Storm

Temperate

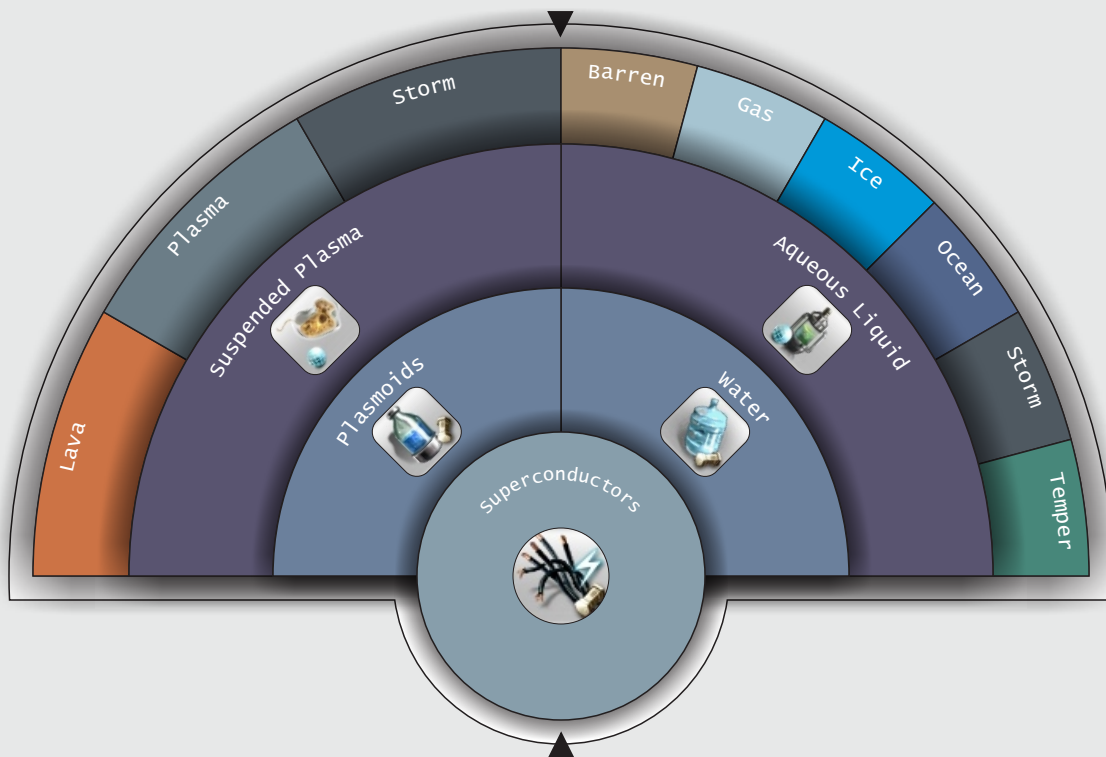
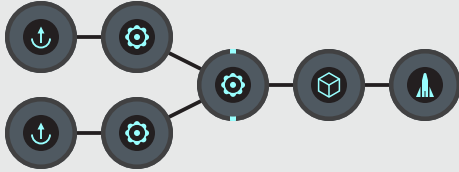




SUPERCONDUCTORS

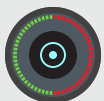
P2

PLANETS EQUATION : (LPS) + (BGIOST)



Required for highly advanced technologies too numerous to mention to function properly, these conduits are made from super-cooled materials that function as perfect conductors, having an effective electrical resistance of zero

Barren
Gas
Ice
Lava
Oceanic
Plasma
Storm
Temperate

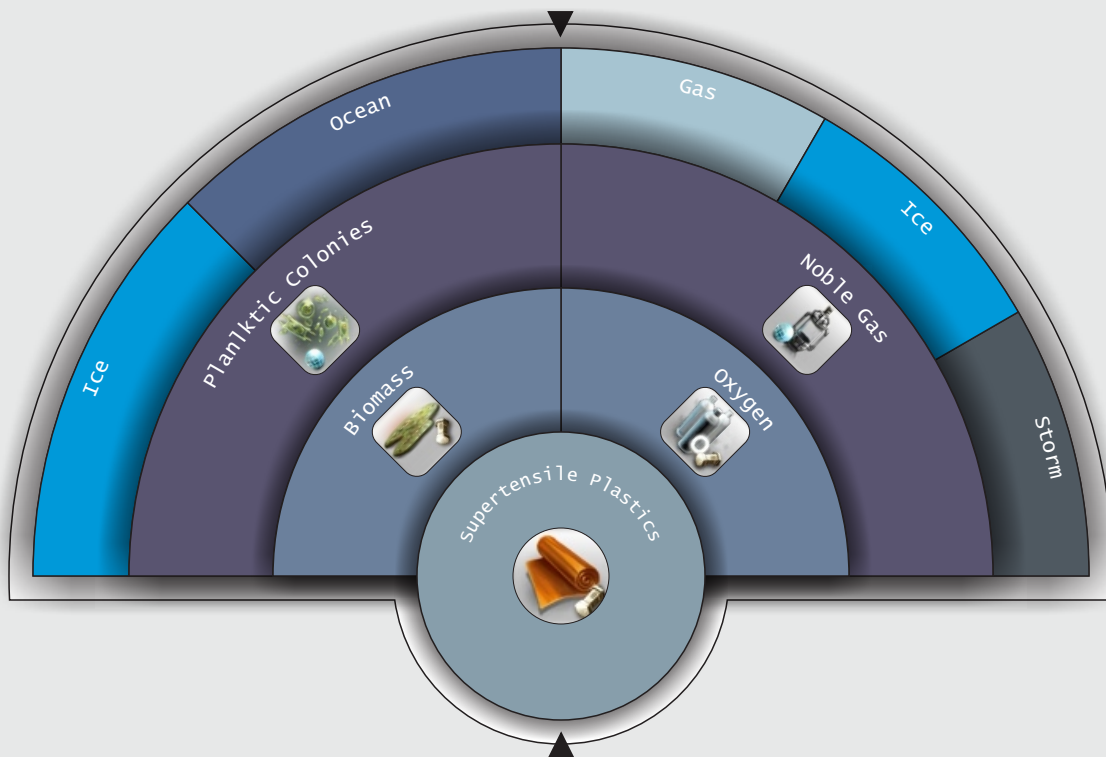
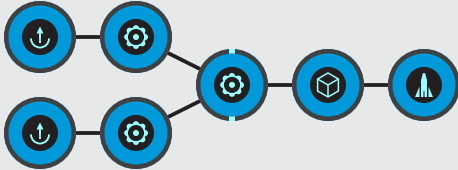




SUPERTENSILE PLASTICS

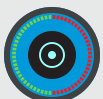
P2

PLANETS EQUATION : (IO) + (GIS)



"Hyperoxidation" was the term given to the process of rapidly fossilizing the carbon structures, readily available in the form of biomass, which forms the basic framework of supertensile plastics. The only amorphous solid known to retain the resilience of other such materials while also adopting conductive properties, supertensile plastic is highly sought after for a wide range of industrial applications.

- Barren ●
- Gas ●
- Ice ●
- Lava ●
- Oceanic ●
- Plasma ●
- Storm ●
- Temperate ●

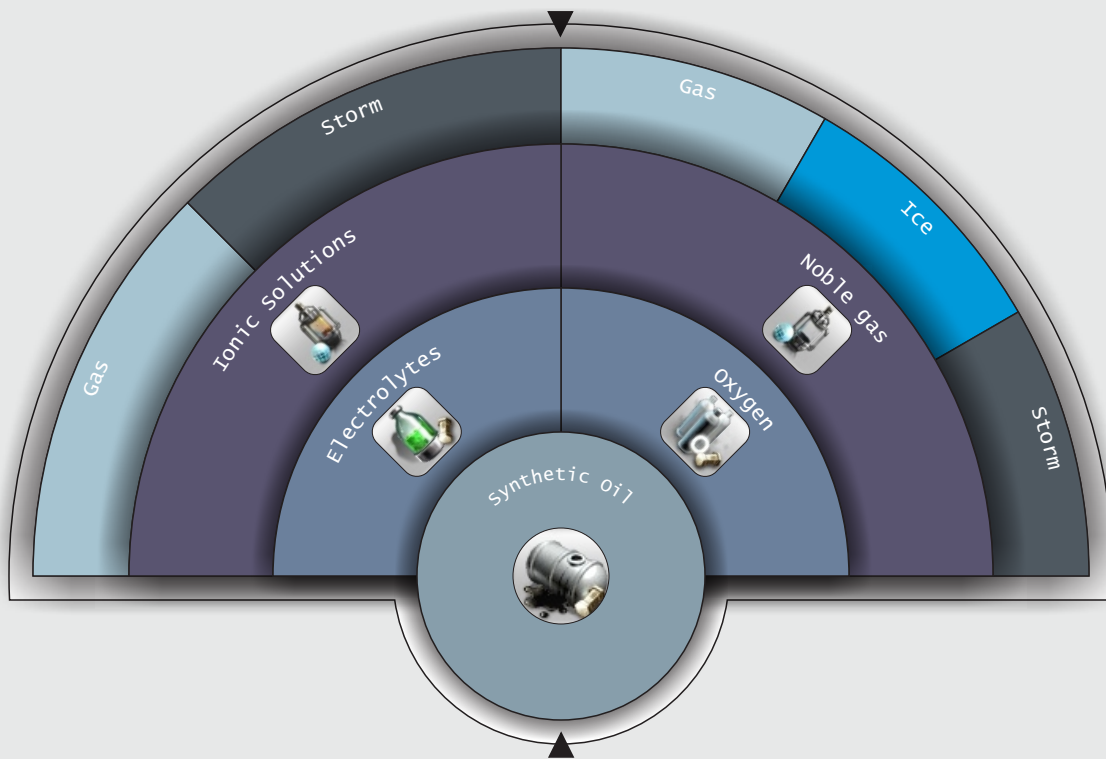
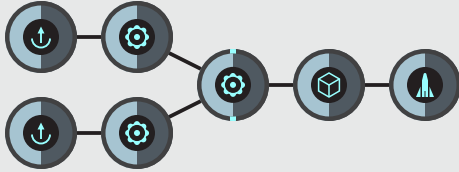




SYNTHETIC OIL

P2

PLANETS EQUATION : (GS) + (GIS)



Since original oil can be harvested only from a world with a long biological history, synthetic oil has become frequently produced in laboratories all over known space.

Barren

Gas

Ice

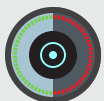
Lava

Oceanic

Plasma

Storm

Temperate

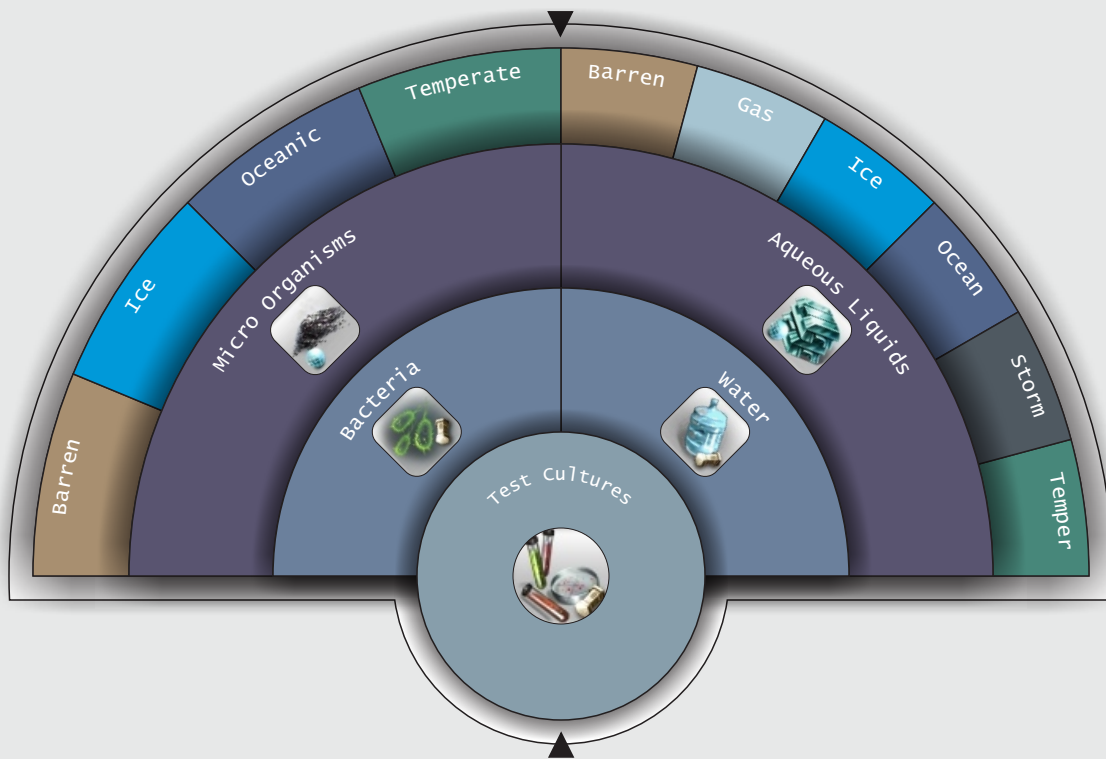
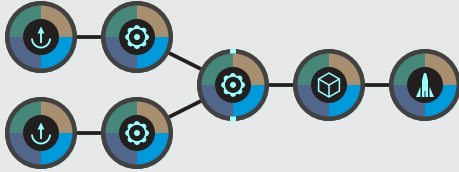












TEST CULTURES

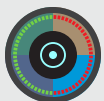
P2

PLANETS EQUATION : (BIOT) + (BGIOST)



When bacteria are allowed to thrive in a water-based environment, they undergo generational transformations that can be monitored and documented, providing research data invaluable to numerous scientific fields.

Barren 
 Gas 
 Ice 
 Lava 
 Oceanic 
 Plasma 
 Storm 
 Temperate 

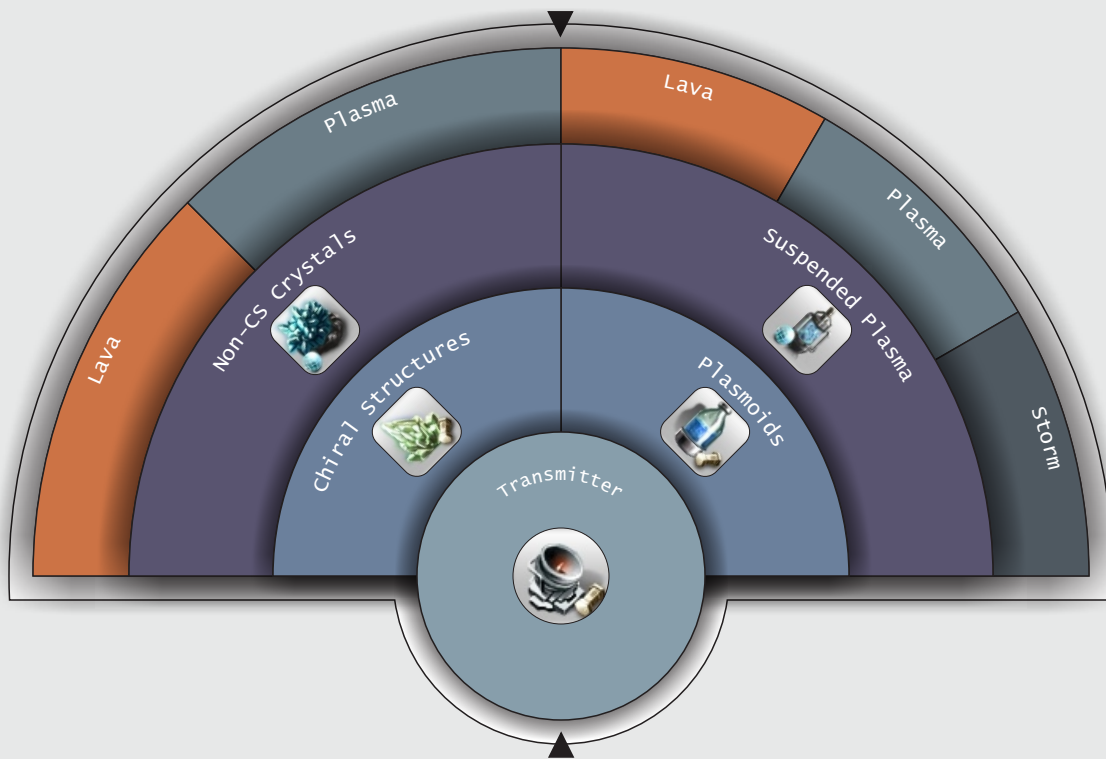
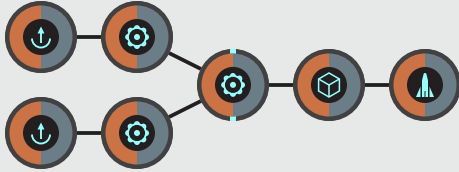




TRANSMITTER

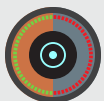
P2

PLANETS EQUATION : (LP) + (LPS)



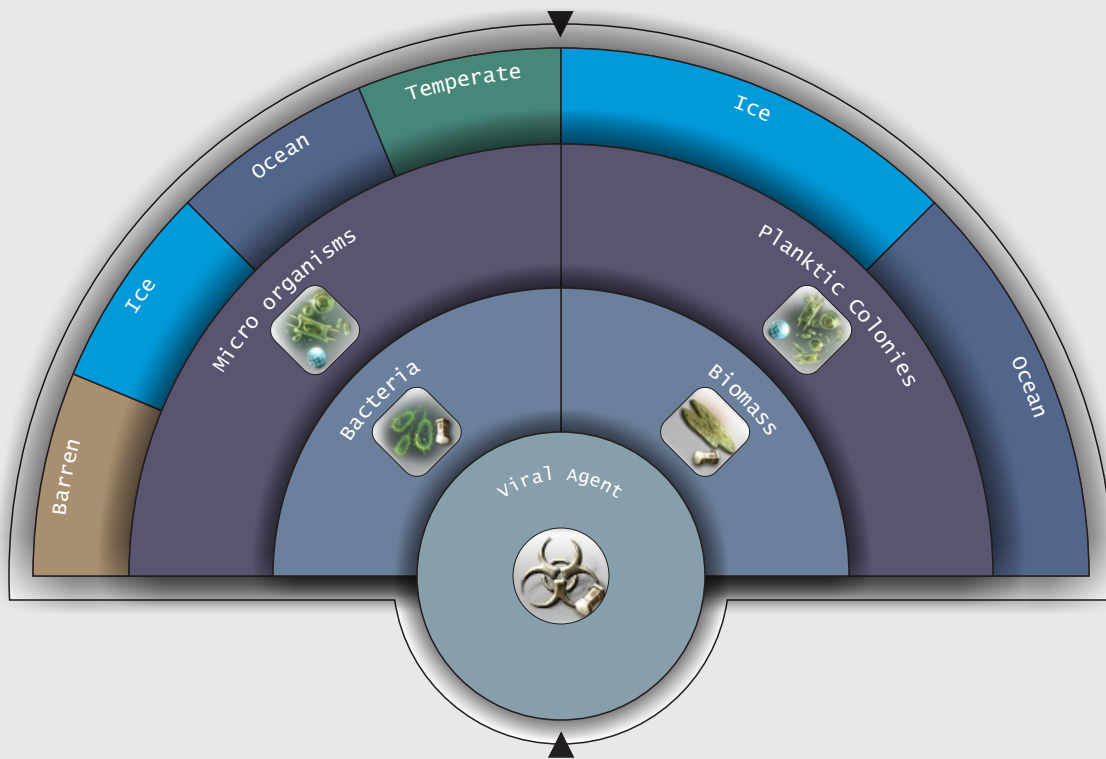
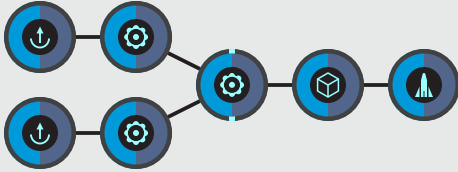
This electronic device generates and amplifies a carrier wave, modulates it with a meaningful signal derived from speech or other sources, and radiates the resulting signal from an antenna or some other form of transducer

Barren
Gas
Ice
Lava
Oceanic
Plasma
Storm
Temperate





PLANETS EQUATION : (BIOT) + (IO)



The causative agent of an infectious disease, the viral agent is a parasite with a noncellular structure composed mainly of nucleic acid within a protein coat.

- Barren ●
- Gas ●
- Ice ●
- Lava ●
- Oceanic ●
- Plasma ●
- Storm ●
- Temperate ●

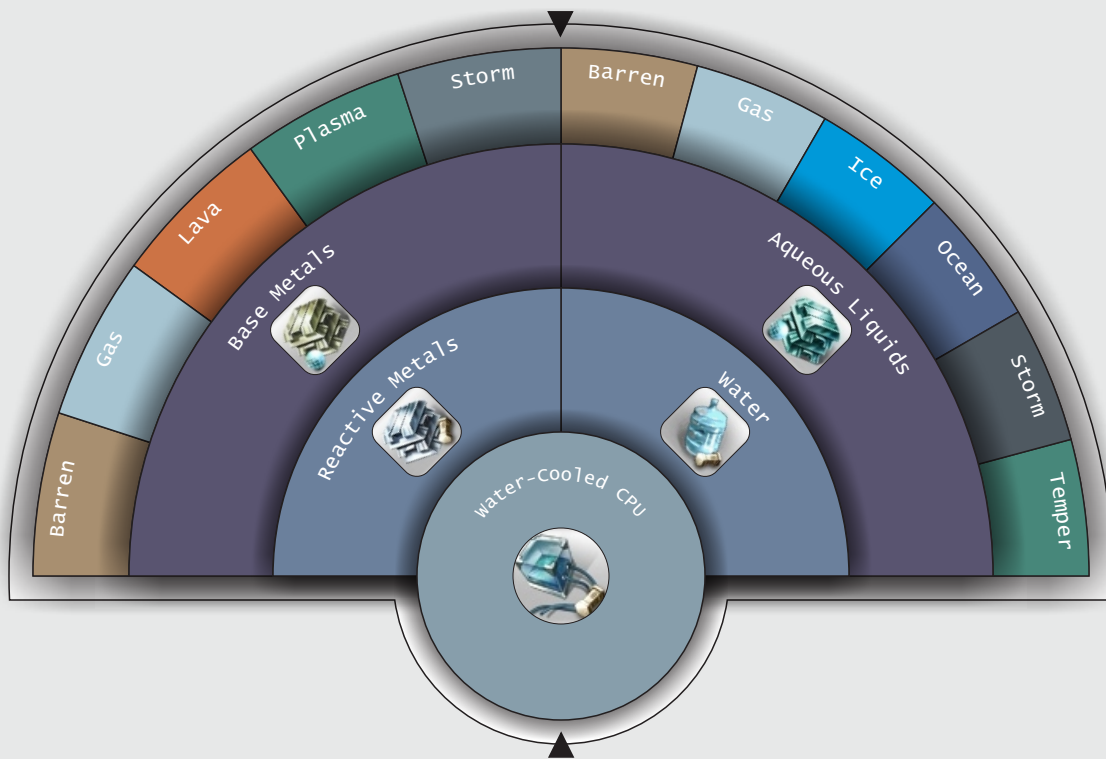
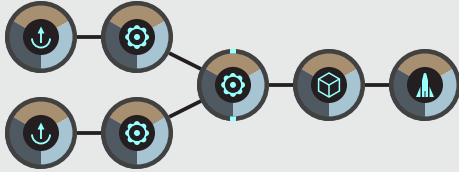




WATER-COOLED CPU

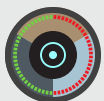
P2

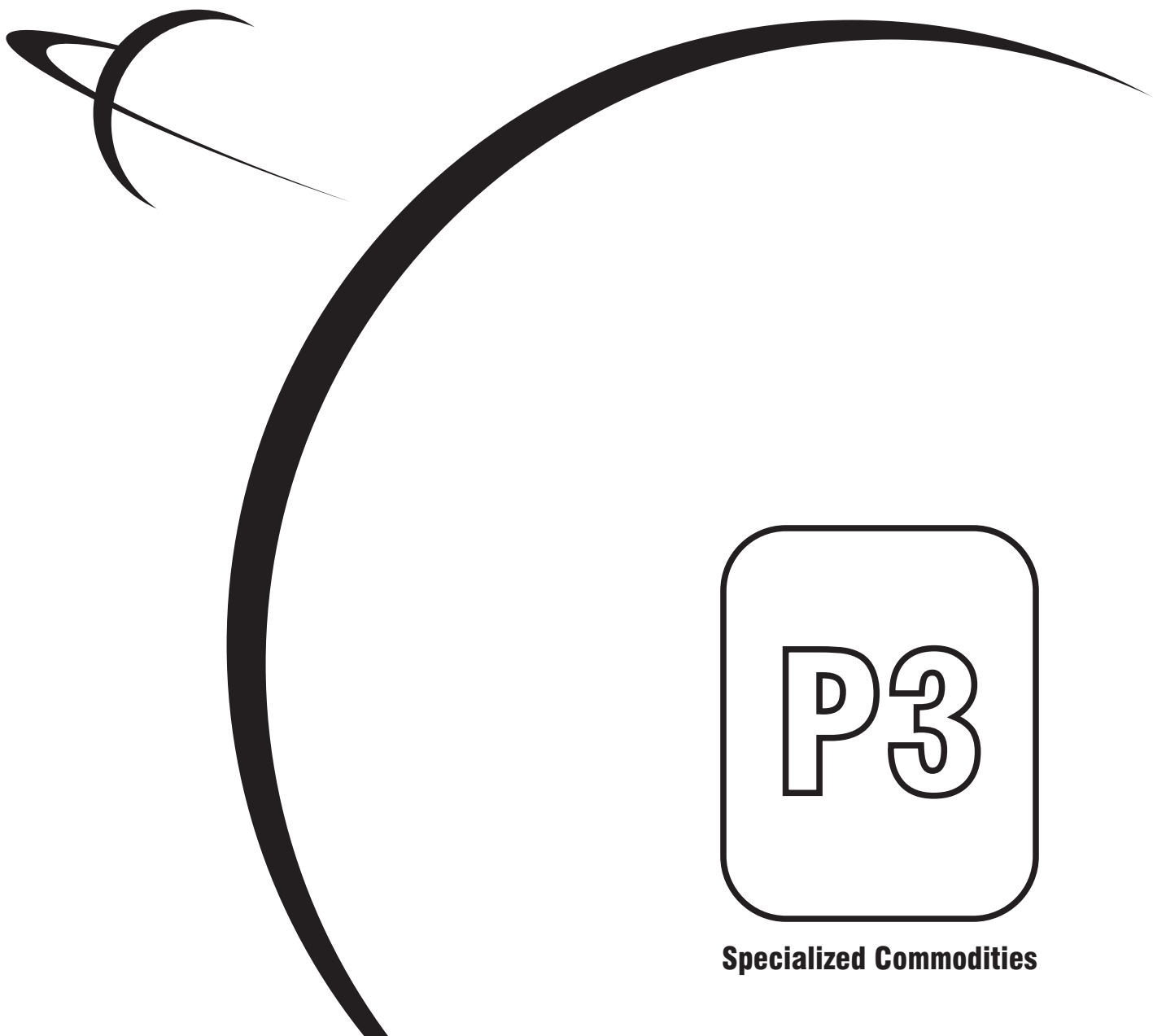
PLANETS EQUATION : (BGLPS) + (BGIOST)



Despite how ancient the technology is, there is still no method more cost-effective for cooling computer processing units than ordinary water, which can be heated and cooled rapidly via any number of proven methods. Most often, thermally conductive tubing makes its way through all of the vital components and over heat sinks, helping to regulate operating temperatures.

Barren
Gas
Ice
Lava
Oceanic
Plasma
Storm
Temperate





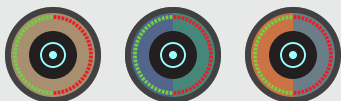
P3

Specialized Commodities



BIOTECH RESEARCH REPORTS

PLANETS EQUATION : (BIOT+BGLPS) + (OT+BOT) + (BGLPS+ILP)





CAMERA DRONES

SPECIALIZED COMMODITIES

P3

PLANETS EQUATION : (G+L) + (LPS+GS)



- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate





CONDENSATES

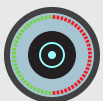
SPECIALIZED COMMODITIES

P3

PLANETS EQUATION : (G+GIS) + (GS+BGIOST)



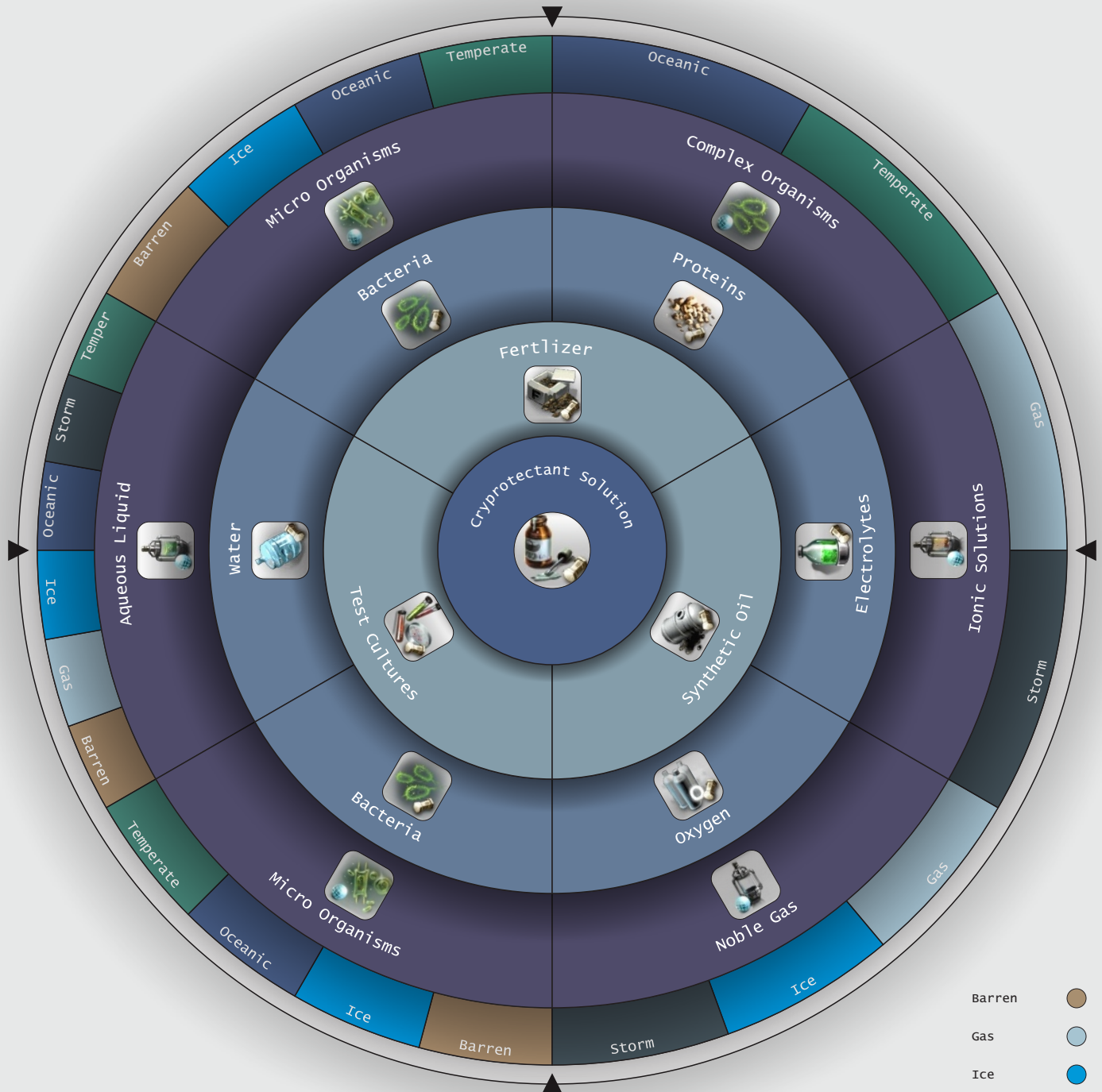
- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate





CRYPROTECTANT SOLUTION

PLANETS EQUATION : (BIOT+BGIOST) + (GS+GIS) + (BIOT+OT)



Barren
Gas
Ice
Lava
Oceanic
Plasma
Storm
Temperate



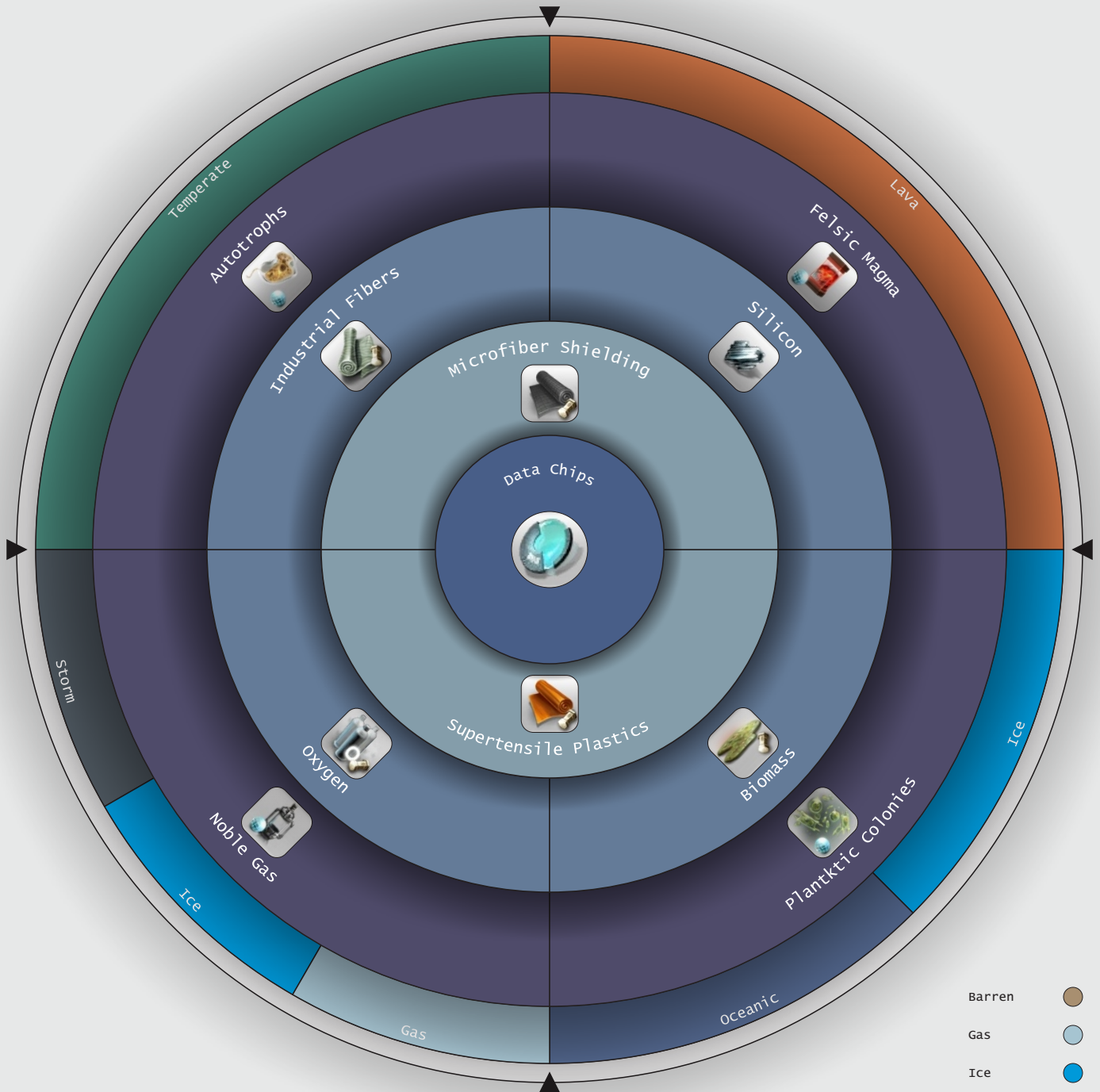


DATA CHIPS

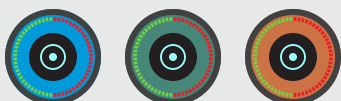
SPECIALIZED COMMODITIES

P3

PLANETS EQUATION : (T+L) + (GIS+IO)



- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate



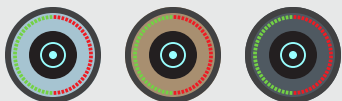


GEL-MATRIX BIOPASTE

SPECIALIZED COMMODITIES

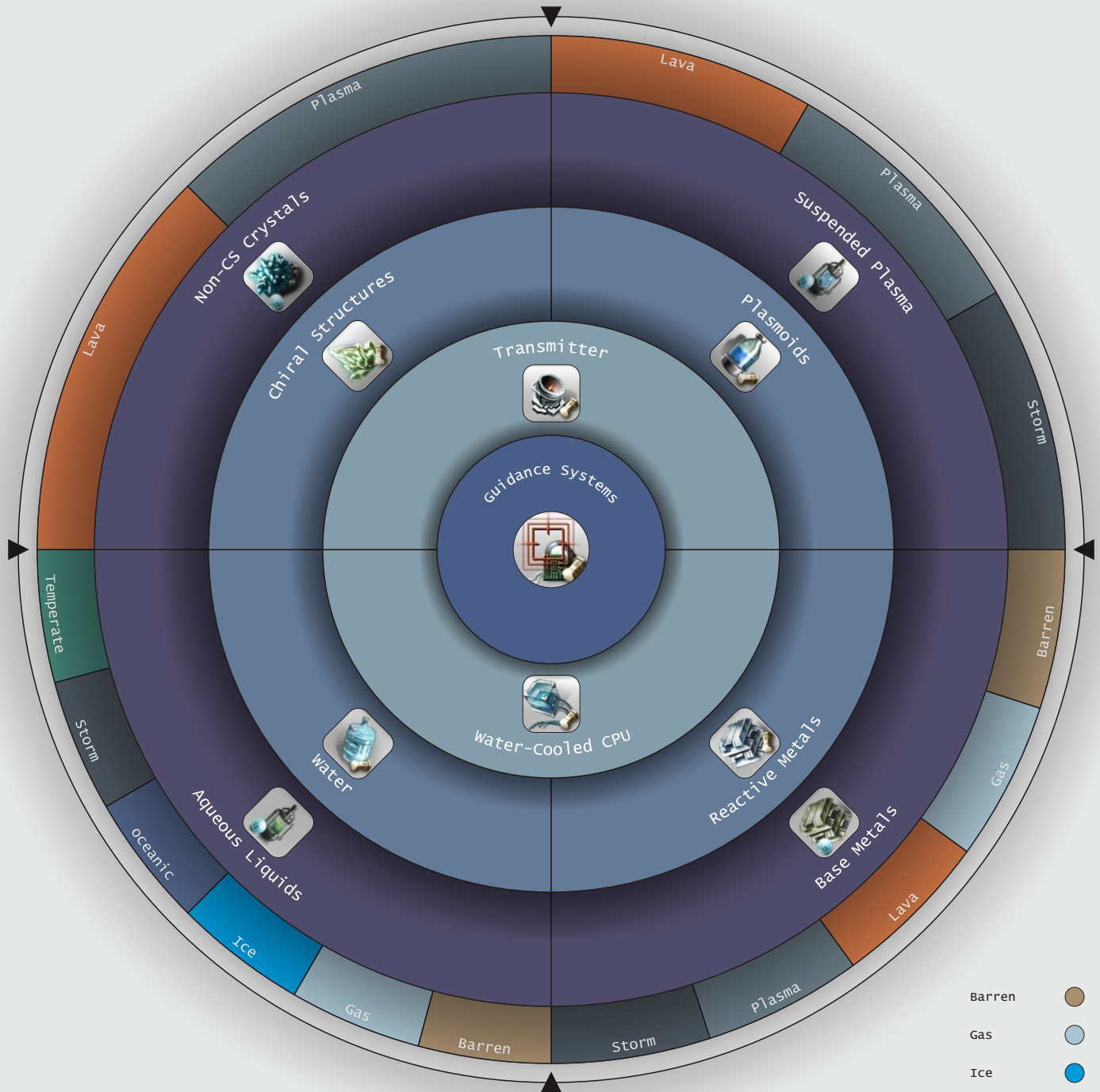
P3

PLANETS EQUATION : (G+GIS) + (BOT+BP) + (LPS+BGIOST)





PLANETS EQUATION : (BGLPS+BGIOST) + (LPS+LP)



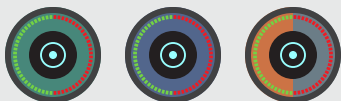
- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate





HAZMAT DETECTION SYSTEMS

PLANETS EQUATION : (BOT+T) + (BOT+O) + (LPS+LP)



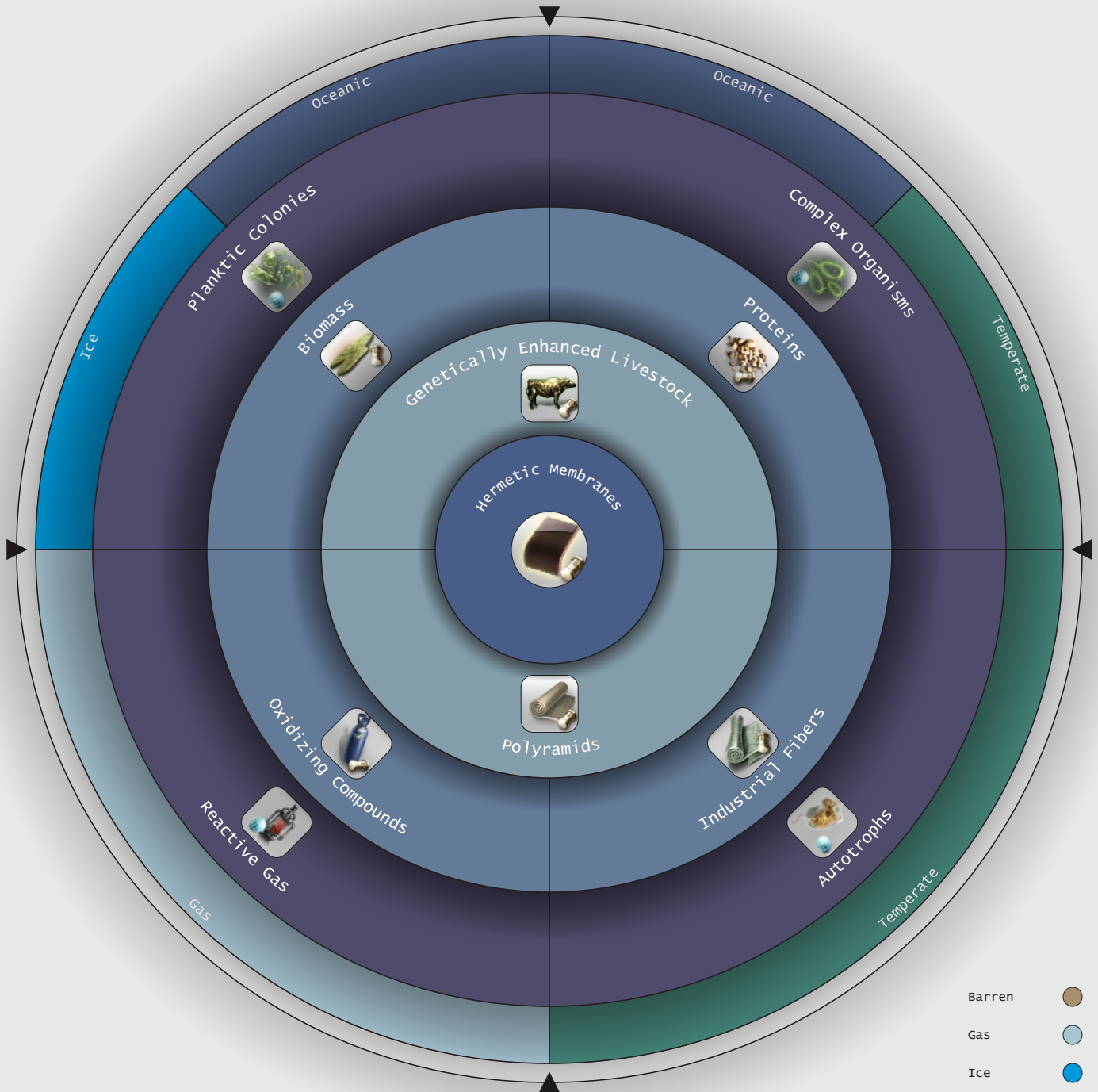


HERMETIC MEMBRANES

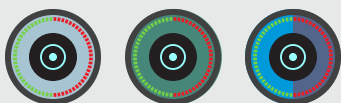
SPECIALIZED COMMODITIES

P3

PLANETS EQUATION : (G+T) + (OT+IO)



- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate



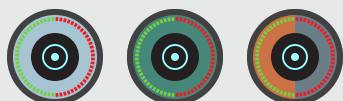
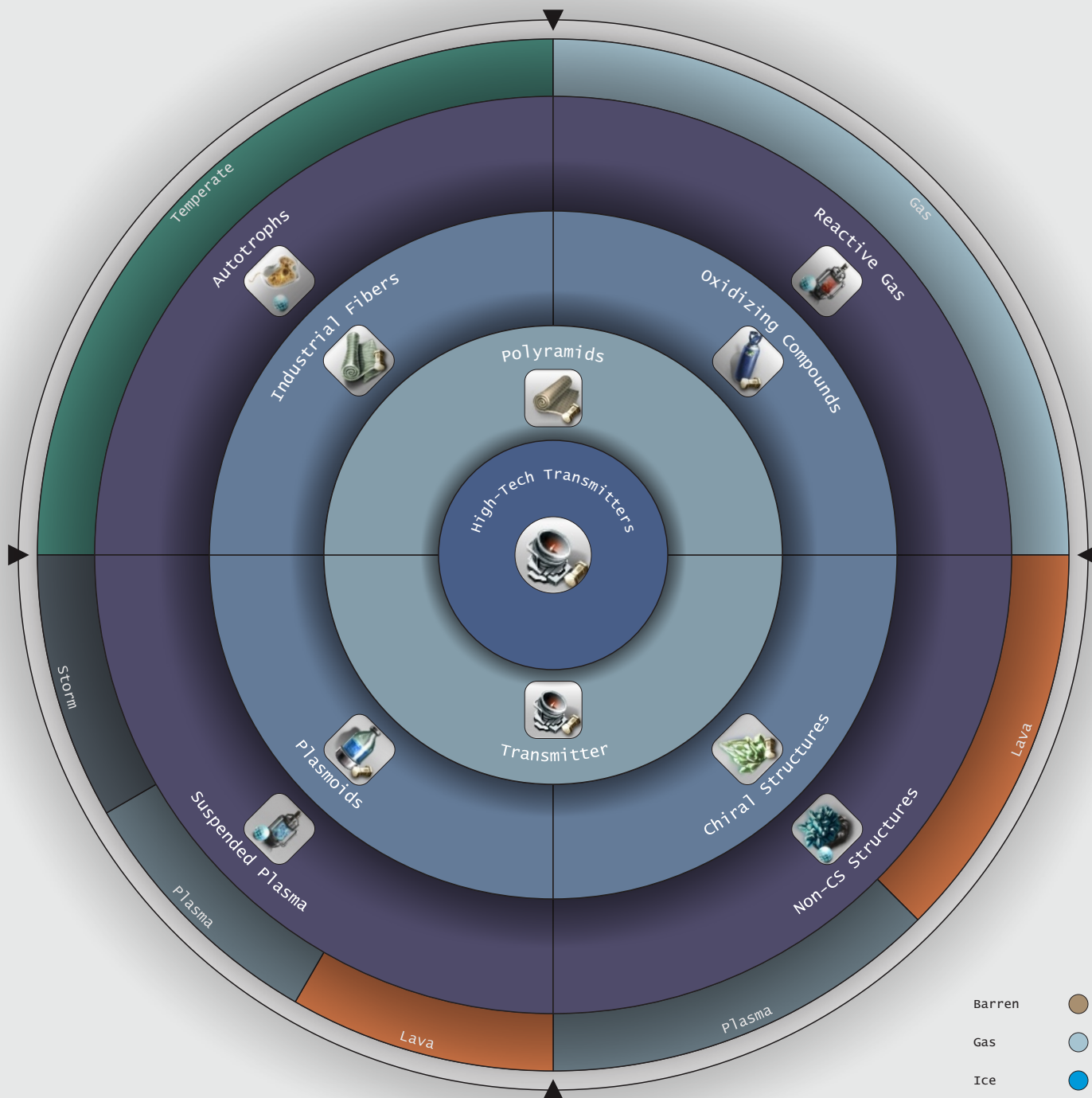


HIGH-TECH TRANSMITTERS

SPECIALIZED COMMODITIES

P3

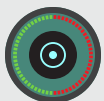
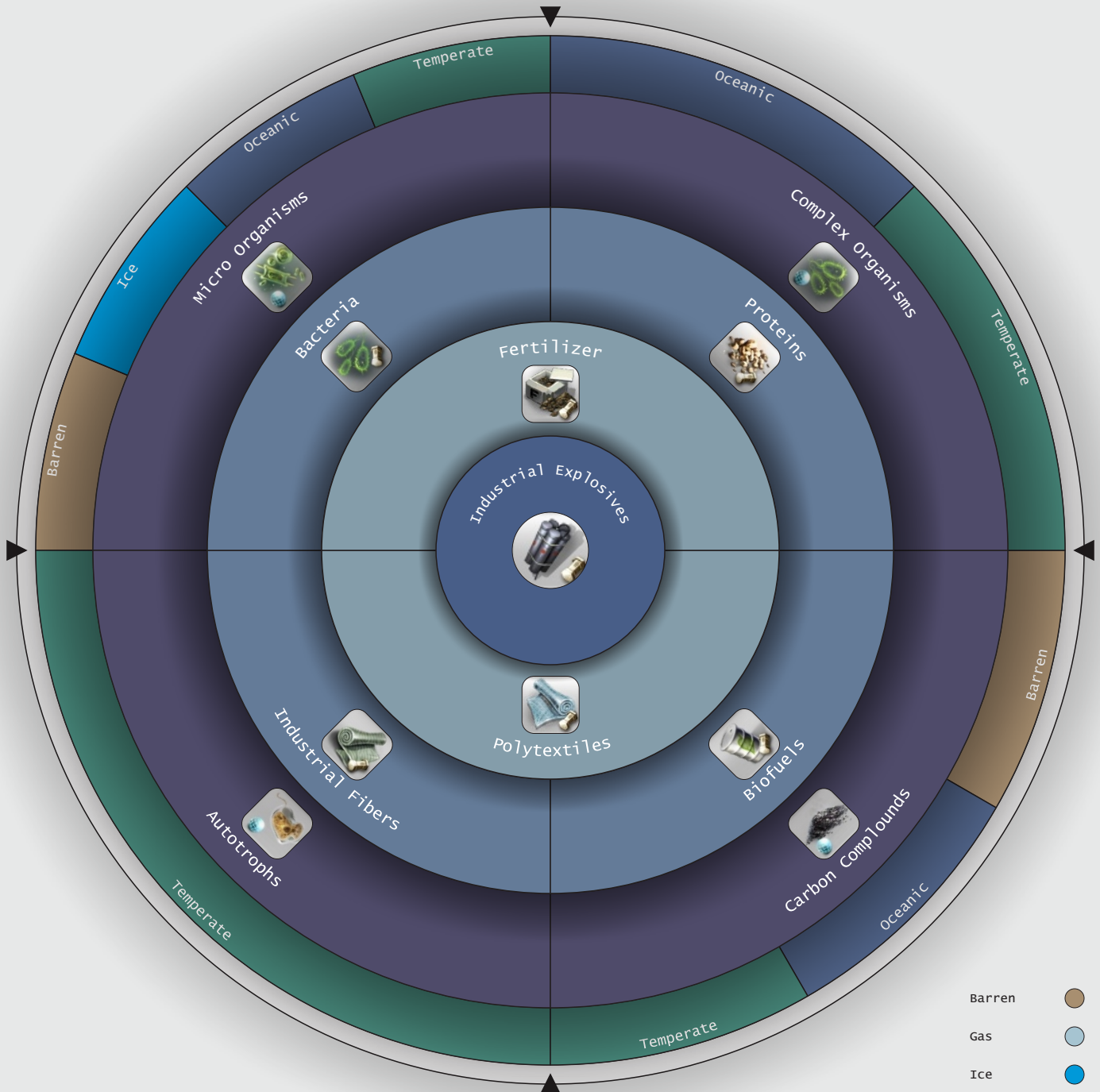
PLANETS EQUATION : (LP+LPS) + (G+T)





INDUSTRIAL EXPLOSIVES

PLANETS EQUATION : (BIOT+OT) + (BOT+T)





NEOCOMS

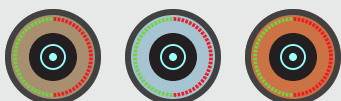
SPECIALIZED COMMODITIES

P3

PLANETS EQUATION : (BOT+BP) + (G+L)



- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate



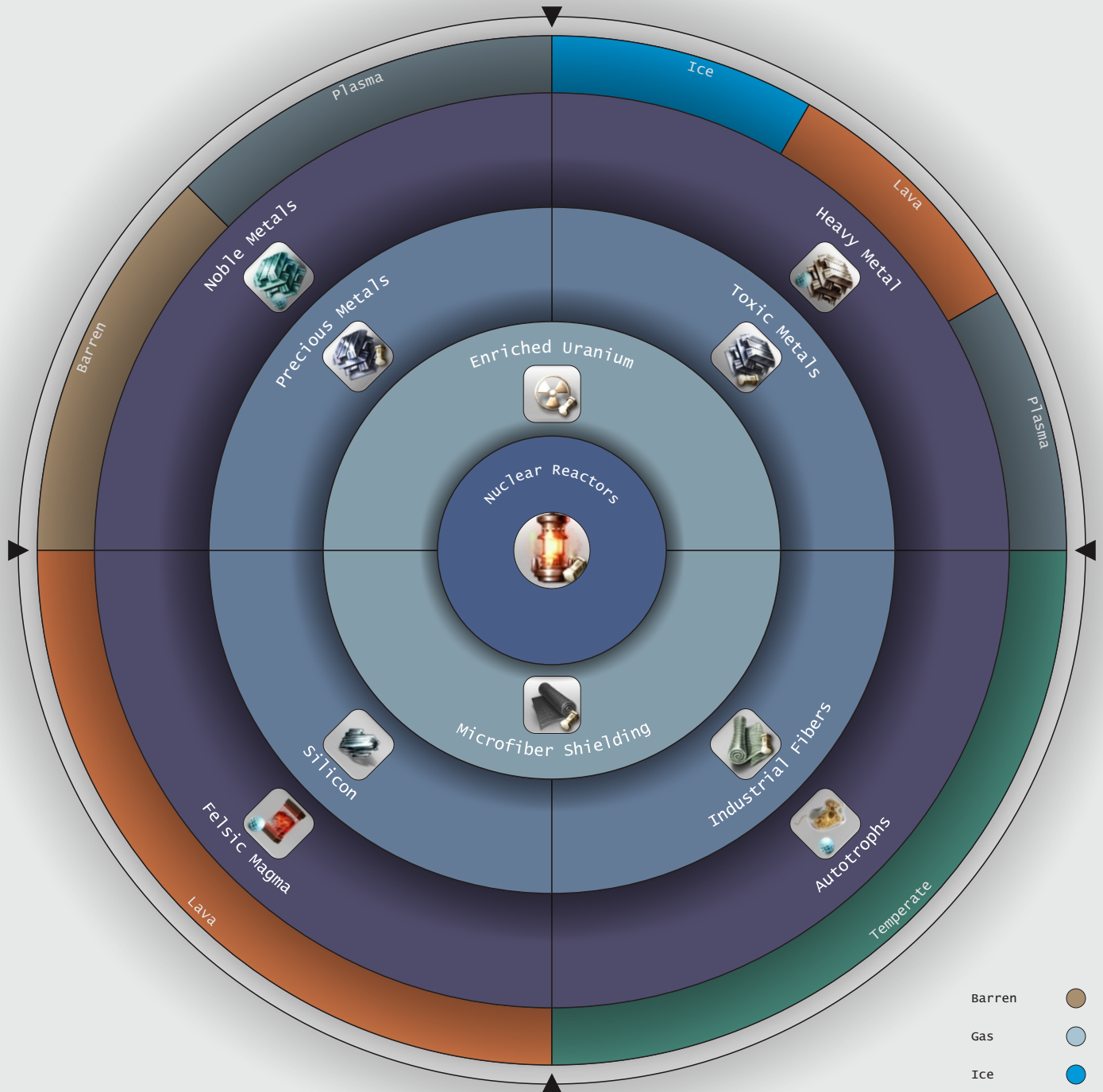


NUCLEAR REACTORS

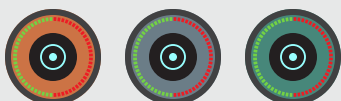
SPECIALIZED COMMODITIES

P3

PLANETS EQUATION : (BP+ILP) + (T+L)



- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate



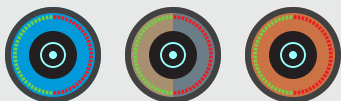


PLANETARY VEHICLES

SPECIALIZED COMMODITIES

P3

PLANETS EQUATION : (BP+BGLPS) + (LP+L) + (IO+GIS)



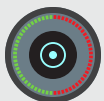


ROBOTICS

SPECIALIZED COMMODITIES

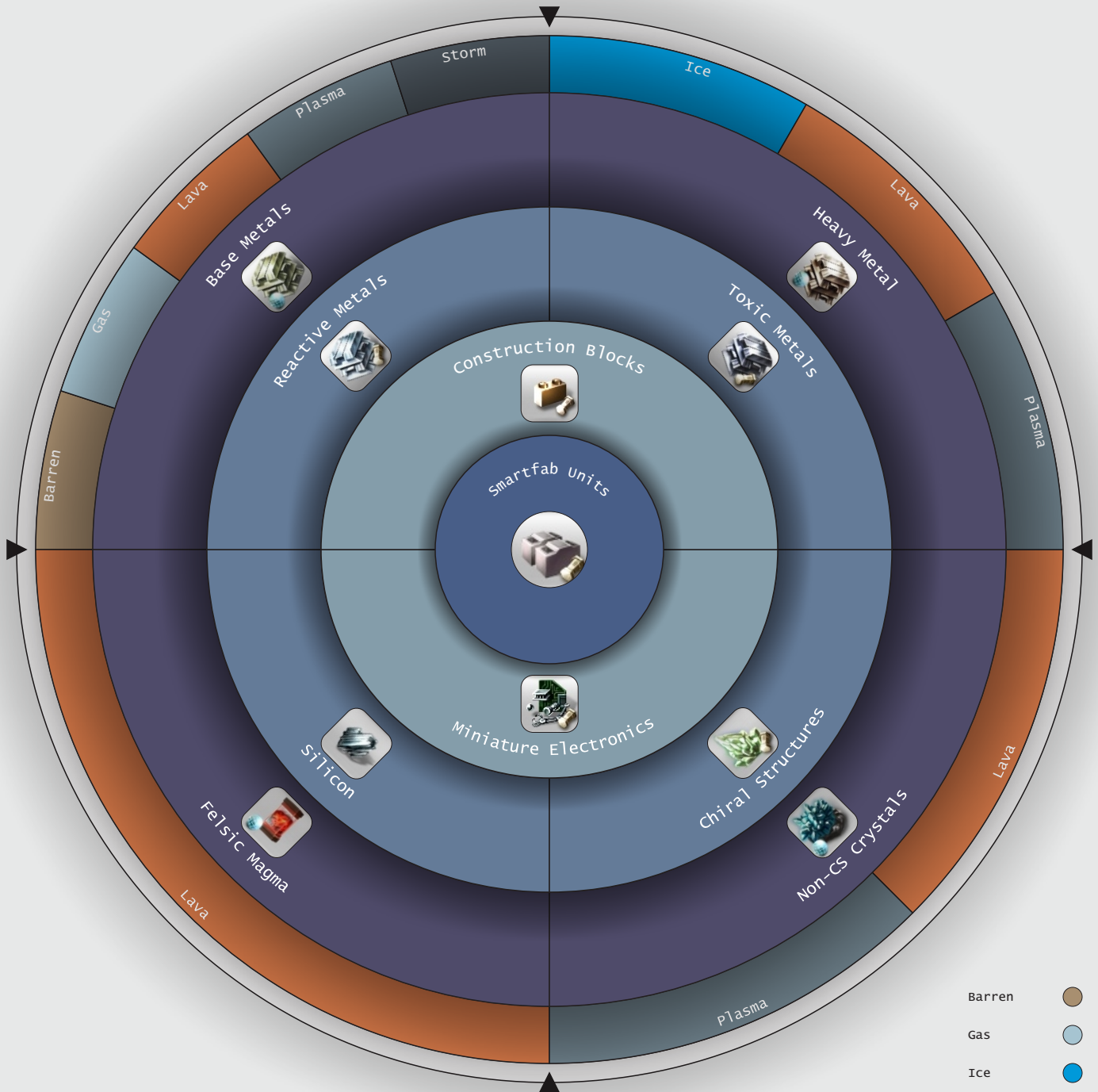
P3

PLANETS EQUATION : (LP+ILP) + (BP+BGLPS)





PLANETS EQUATION : (BGLPS+ILP) + (LP+L)





SUPERCOMPUTERS

SPECIALIZED COMMODITIES

P3

PLANETS EQUATION : (LP+ILP) + (GS+BGIOT) + (BGLPS+BGIOT)





PLANETS EQUATION : (IO+GIS) + (BIOT+BGIOT)



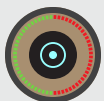
- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate





TRANSCRANIAL MICROCONTROLLERS

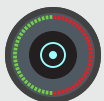
PLANETS EQUATION : (BOT+BP) + (BIOT+BGLPS)





UKOMI SUPER CONDUCTORS

PLANETS EQUATION : (LPS+BGIOST) + (GS+GIS)



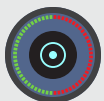
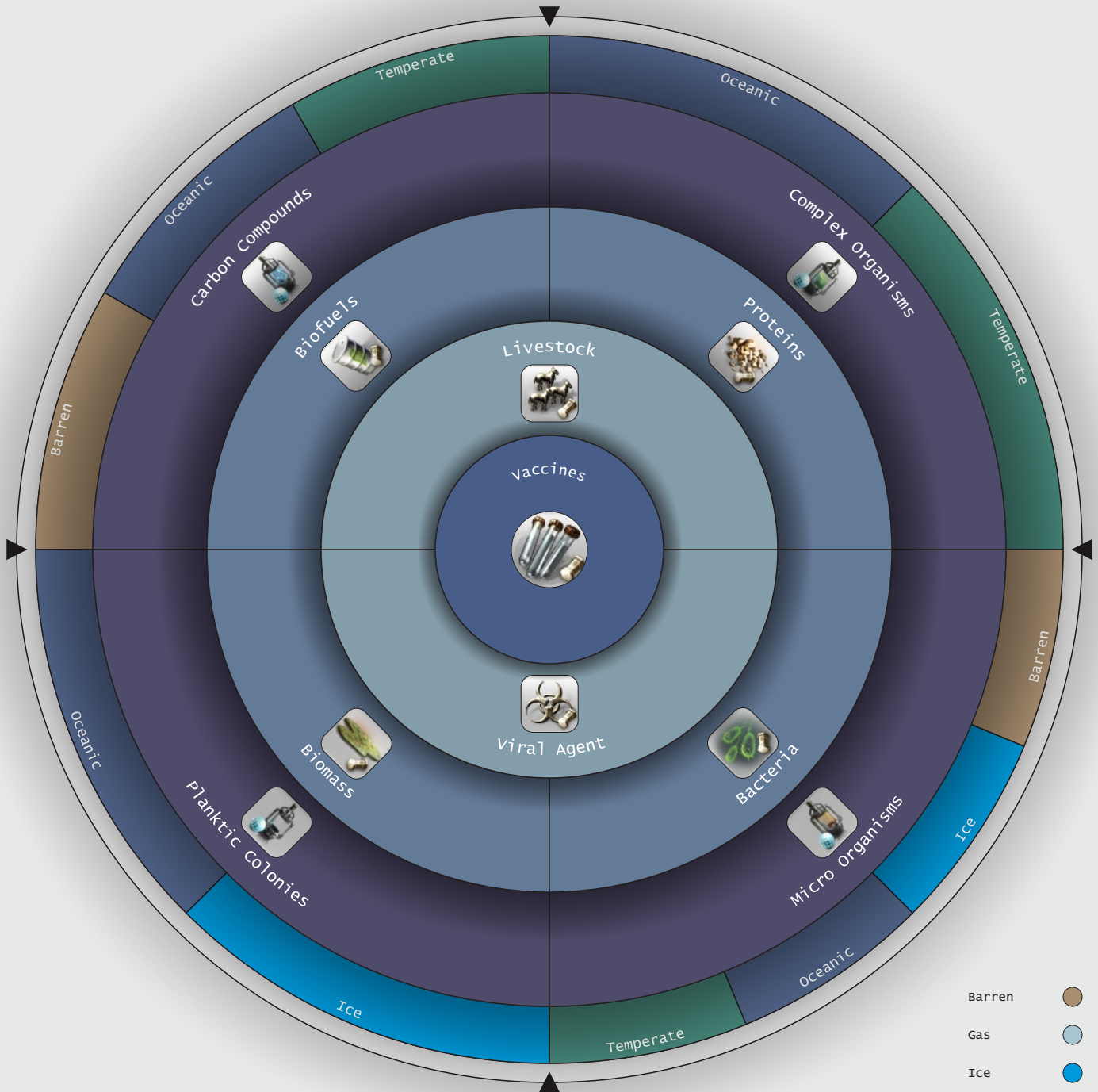


VACCINES

SPECIALIZED COMMODITIES

P3

PLANETS EQUATION : (BOT+OT) + (BIOT+IO)





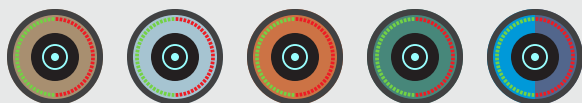
Advanced Commodities



PLANETS EQUATION : $[(GIS+IO)+(T+L)] + [(G+T)+(LPS+LP)] + [(BOT+BP)+(G+L)]$



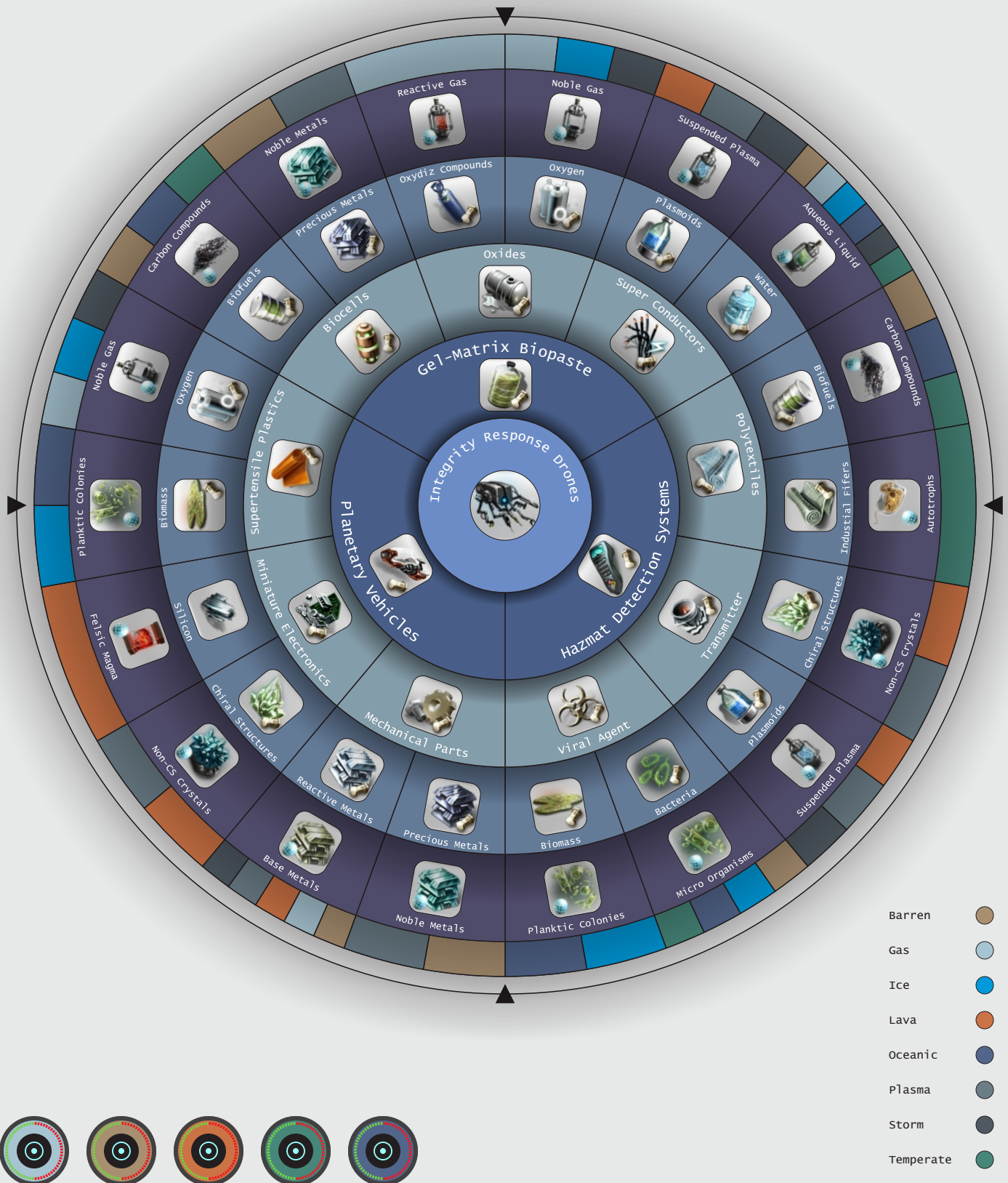
- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate





INTEGRITY RESPONSE DRONES

PLANETS EQUATION : $[(G+GIS)+(BOT+BP)+(LPS+BGIOST)] + [(BOT+T)+(BOT+O)+(LPS+LP)] + [(GIS+IO)+(BGLPS+BP)+(LP+L)]$





PLANETS EQUATION : $[(BIOT+OT)+(BOT+T)] + [(BIOT)+(BGLPS)] + [(GS+GIS) + (LPS+BGIOST)]$



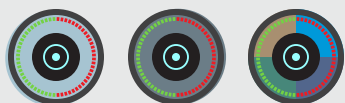


ORGANIC MORTAR APPLICATORS

PLANETS EQUATION : [(BIOT)] + [(G+GIS)+(GS+BGIOST)] + [(BGLPS+BP) + (ILP+LP)]



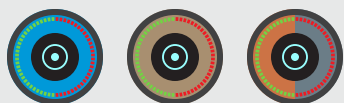
- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate





RECURSIVE COMPUTING MODULE

PLANETS EQUATION : $[(BGLPS+BGIOT)+(LPS+LP)] + [(GIS+IO)+(BIOT+BGIOT)] + [(BOT+BP)+(BIOT+BGLPS)]$





SELF-HARMONIZING POWER CORE

PLANETS EQUATION : $[(G+L)+(LPS+GS)] + [(G+T)+(OT+IO)] + [(T+L)+(BP)+(ILP)]$



- Barren
- Gas
- Ice
- Lava
- Oceanic
- Plasma
- Storm
- Temperate



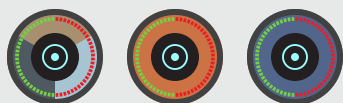


STERILE CONDUITS

ADVANCED COMMODITIES

P4

PLANETS EQUATION : [(BGLPS+ILP)+(LP+L)] + [(OT+BOT)+(BIOT+IO)] + [(BGIOST)]





PLANETS EQUATION : [(BIOT+BGLPS)+(OT+BOT)+(BGLPS+ILP)] + [(BIOT+BGIOST)+(GS+GIS)+(BIOT+OT)] + [(BGLPS+BGIOST)+(GS+BGIOST)+(ILP+LP)]

