

The Committee on Climate Change UK

Call for Evidence

February 2020

The Need for Everyone  
Journalists Politicians Scientists  
and Important People  
who have The Privilege  
of addressing The UK Population  
in The UK News Services  
to revise  
Your Standard Educational Vocabulary  
which You use in The UK News Services  
for The UK Population  
and for The UK UNFCCC COP26

by

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Wednesday 5 February 2020

## Index

Title Page	1
Index	2

### Part One Introduction

(1.1)	About Me	3
(1.2)	Educational Vocabulary - A Critique of The UK News Services	4
(1.3)	The Purpose of This Essay for The Committee on Climate Change	8

### Part Two Educational Vocabulary for The UK News Services

(2.1)	Understanding Our World	10
(2.2)	Understanding The Environment	16
(2.3)	Understanding The Science of Energy	18
(2.4)	Understanding The World Carbon Energy Economy	23
(2.5)	Understanding Global Warming and Climate Change	26
(2.6)	Understanding Photosynthesis and Carbon Capture and Storage	31
(3.0)	Conclusion	37
	Notes	40

#### **The CCC launches Call for Evidence to inform advice on UK's Sixth Carbon Budget**

[www.theccc.org.uk/2019/12/05/ccc-launches-call-for-evidence-to-inform-advice-on-uks-sixth-carbon-budget](http://www.theccc.org.uk/2019/12/05/ccc-launches-call-for-evidence-to-inform-advice-on-uks-sixth-carbon-budget)

[www.theccc.org.uk/the-sixth-carbon-budget-and-welsh-emissions-targets-call-for-evidence](http://www.theccc.org.uk/the-sixth-carbon-budget-and-welsh-emissions-targets-call-for-evidence)

5 December 2019.

The Deadline for Responses, is Wednesday 5 February 2020.

## Part One - Introduction

### (1.1) About Me

I am only One of The UK Home Population.

I only live A Home Life. I live in Brighton, in The UK.

I am 54 Years Old. I have my O Levels and A Levels from School.

Everything that I write about, in This Essay, for You,  
is compatible with, The Educational Content, and The Educational Vocabulary,  
of UK Schools' O Levels and A Levels Education.

I only listen to BBC Radio 4.

I would describe myself as A Science and Humanities News Researcher.

I would describe, that, what I do, is,

I observe The UK News Services, through BBC Radio 4.

BBC Radio 4 are representative of The UK News Services.

I work on Non Commercial Homework Projects, All The Time,  
under The Creative Commons - Attribution - Non Commercial - Share Alike - Licence,  
which You can find here, as Public Domain: [ukmjenkins.wordpress.com](http://ukmjenkins.wordpress.com)

I write about Climate Change, and Other Subjects of National Concern,  
on Twitter, which is also Public Domain: [www.twitter.com/ukmjenkins](http://www.twitter.com/ukmjenkins)

I am A Caring Courteous Person, so, while I may disagree with what People say,  
that is, People who have The Privilege of speaking and writing in The UK News Services,  
I do actually respect All The People who are in The UK News Services,  
and I am actually caring towards All These People, in Person.

## (1.2) Educational Vocabulary - A Critique of The UK News Services

I have developed A Non Hurtful Critique,  
of The BBC Radio 4 News Services,  
which addresses, Everything that BBC Radio 4 omit.

BBC Radio 4 are representative of The UK News Services,  
therefore This Critique, applies to The UK News Services as A Whole, as well as BBC Radio 4.

In Principle, Everyone who speak and write in The UK News Services,  
that is, Journalists, Politicians, Scientists, and Important People,  
have The Privilege, of addressing The UK Population, Every Day.

The This Privilege is Huge, and cannot be underestimated.

I can write to The UK News Services, until I am Blue in The Face,  
and Not One Word, of what I write or say, will be learned,  
and Not One Word, of what I write or say, will be relayed in The UK News Services.  
Therefore, I am Not One of The Privileged.

In Principle, The Vocabulary,  
of Everyone, who do have The Privilege,  
of speaking and writing, in The UK News Services,  
who do therefore have The Privilege,  
of addressing The UK Population, Every Day,  
governs The Intelligence of The UK Population.

The Baseline of what Intelligence is, is, It is Intelligent to Care.  
People who Care, are Intelligent People,  
because, to Care, takes Thought, and Effort, and Learning.

The Original Motto of The BBC,  
was, "To Educate, To Entertain, and To Inform."

BBC Radio 4, do reliably inform The UK Population,  
about The News, of what is happening, in Our Country, and in Our World,  
and This in itself, is An Education.

I do feel well informed about Our Country, and Our World,  
and I do respect All The Hard Work, that Everyone in BBC Radio 4 do,  
to relay This News, to The UK Population, Every Day.

However, my Critique of BBC Radio 4, is based on my Observation,  
that The Educational Vocabulary,  
which is used, in The BBC Radio 4 News Services,  
by BBC Radio 4 Journalists, as well as, Politicians, and Scientists, and Important People,  
who thereby have The Privilege,  
of addressing The UK Population, in The UK News Services, is 'Very Thin'.

I have reliably observed that there are Omissions,  
in The Educational Vocabulary, of The BBC Radio 4 News Services.

Culturally, The BBC Radio 4 News Services, are representative of The UK News Services,  
therefore, The Same Omissions, are present,  
in The Educational Vocabulary, of The UK News Services, as A Whole.

In Some Respects, The Educational Vocabulary, of The BBC Radio 4 News Services,  
and The UK News Services, does not meet UK Schools' O Levels and A Levels Education.

Our Country has provided, O Level and A Level Education,  
to The UK Population, for at least 50 Years.

The UK Population are Fairly Well Educated,

and are able to understand Many Things, within Literacy and Numeracy,  
both of which depend on Vocabulary.

In Principle, The Basis of Science,

which is introduced to Children, in O Level Science, is:

"Science in English, learning to learn by Observation,  
and learning to put into Words, what has been observed."

Therefore, Educational Science,

can depend entirely on Observation and Vocabulary,  
which depends on The Choice of Words.

When You think, what School Teachers do, for Their Classes of Pupils,  
They address Their Classes of Pupils, in Person, in speech, Every Day,  
and They put Their Subject Knowledge before Them,  
with Their Spoken Vocabulary.

School Teachers are Incredibly Considerate People.

When They address Their Classes of Pupils,

They compose what They say, in The Words of Their Vocabularies,

so that Their Subject Knowledge, is reliably and fully, relayed to Their Classes of Pupils.

When You think, of The O Levels and A Levels Education,

that School Children receive in UK Schools,

for Examples, in English, Geography, Art, Languages, Maths, and Sciences,

This Education is A Miracle, School Teachers effectively train Their Pupils,

to think, and to work, in These Subjects,

School Teachers give Their Pupils, Brain Power.

I am really sorry, to have to say,

that I have observed, that in The UK News Services,  
There is An Air of Informality, in The Vocabulary,  
especially within Science, and The Science of Global Warming and Climate Change,  
which does not do, Justice, or Respect, to The Privilege,  
that Journalists, and Politicians, and Scientists, and Important People, have,  
who do have The Privilege,  
of addressing The UK Population, in The UK News Services, Every Day.

This Informality, makes The Vocabulary of The UK News Services, Non Educational.

For Example, There is The Matter of The Word "We".

All The People who have The Privilege, of speaking and writing,  
in The BBC Radio 4 News Services, and in The UK News Services,  
always say The Word "We", when They mean, The UK Population,  
or, The Whole Population of The Whole World.

For Example, They speak or write The Words, "We need to reduce Our Carbon Emissions."

Who are "We" ?

"We" are The UK Population, and, "We" are The Whole Population of The Whole World.

To say The Word "We" in The BBC Radio 4 News Services, and in The UK News Services:

(1) Is Informal and Subjective and Indefinite and Non-Educational.

(2) Indicates that All The People, who do speak and write, in The BBC Radio 4 News Services,  
and The UK News Services, have not thought, and have No Concept,  
that They are addressing A Population, The UK Population,  
and, that, These Problems, Global Warming and Climate Change,  
and Biodiversity Loss, and Plastic Pollution, are All Actually Effects,  
of how We, The UK Population, and The Whole Population of The Whole World,  
live, as Populations. And, so far, They will not learn, to use The Word "Population".

### (1.3) The Purpose of This Essay for The CCC

I understand, that The Role, of The UK Committee on Climate Change, is to reliably inform, and to advise, Her Majesty's Government, on how Her Majesty's Government, and The UK Population, may effectively address The Reality of Global Warming and Climate Change, and, The Reality of The Cause of Global Warming and Climate Change, which is The Continuous Magnitude of The World Carbon Energy Economy, and, The Need, for Her Majesty's Governments, and The UK Population, to help prevent Global Warming and Climate Change.

The Purpose of my Essay, for The Committee on Climate Change, is to provide This Critique of The UK News Services, to The Committee on Climate Change, who can then provide This Critique, to Her Majesty's Government, who can then provide This Critique, to The UK News Services, who can then improve Their Educational Vocabulary, which may then improve The Caring Intelligence of The UK Population.

Because, as We shall see,  
All The Adverse Global Planetary Effects,  
that We are learning about in The UK News Services,  
( Global Warming and Climate Change, Biodiversity Loss, & Plastic Pollution, which is Litter ),  
are All Adverse Global Planetary Effects,  
which are being caused, to The Natural Planet Earth, and to All Life on Earth.  
by, The Human World, and, how The Human Population live, as A Population,



The UK Population, live, as A Population.

The Whole Population of The Whole World, live, as A Population.

And, It is as Populations,

that, We, The Human World Population,

are affecting The Natural Planet Earth, and All Life on Earth.

Therefore, Many of The Solutions,

to This Whole Series of Adverse Global Planetary Effects,

shall come, from The Human World Population,

learning to be Intelligent, and learning to Care,

to not cause All These Adverse Global Planetary Effects.

That is why, The Educational Vocabulary, of The UK News Services, is Important,

because, We, Our Country, and Our World, needs, An Intelligent Caring Population.

We, The UK Population, and The Whole Population of The Whole World,

do live in A Good World, and Our World is meant to be A Good World.

We, The UK Population, live in A Free Country, in A Free World.

And, Our UK News Services, and Our World's News Services,

are Free News Services, who have The Freedom of Speech, and The Freedom of Expression.

We, The UK Population, and The Whole Population of The Whole World,

are learning, in The UK News Services, and All The World's News Services,

that, The Human World, is causing All These Adverse Global Planetary Effects,

to The Natural Planet Earth, in Good Time,

so that, We, The UK Population, and The Whole Population of The Whole World,

may have A Good Chance, of solving All These Problems, for The Rest of All Eternity.

## Part Two - An Educational Vocabulary for The UK News Services

### (2.1) Understanding Our World

I believe Our World, is A Good World, and is meant to be A Good World,

We, The UK Population, live in A Free Country,

We, The Whole Population of The Whole World live in A Free World.

We, The UK Population,

and, We, The Whole Population of The Whole World,

have Free News Services, which are A Good Thing,

so that, clearly, at This Time, in The History of The World,

We, The UK Population, and We, The Whole Population of The Whole World,

are learning, from Our News Services, about All The Adverse Global Planetary Effects,

that Our Human World, is causing, to The Natural Planet Earth,

Global Atmospheric Warming and Global Climate Change,

Biodiversity Loss, and Plastic Pollution.

Although, All These Problems are Real and True Concerns,

It is important to recognise, The Dynamic,

that, We, The UK Population, and We, The Whole Population of The Whole World,

are learning, that Our Human World,

is causing These Problems to The Natural Planet Earth, in Good Time,

which means, that Our Human World,

has A Good Chance, of solving All These Adverse Global Planetary Effects,

so that Our Human World, no longer causes All These Adverse Effects,

to The Natural Planet Earth, for The Infinite Future, and for All Life on Earth.

Therefore, It is important to recognise,  
that The UK News Services, and, All The News Services of The Whole World,  
are acting, as A Helpful Correcting Feedback Mechanism,  
to The UK Population, and to The Whole Population of The Whole World.

This means, that All The Privileged People,  
who speak and write, in The UK News Services,  
and in All The News Services of The Whole World,  
who do have The Privilege of addressing The UK Population,  
and The Whole Population of The Whole World, Every Day,  
Themselves, need to recognise:

(1) That, They are addressing The UK Population,  
and The Whole Population of The Whole World.

(2) That, All These Adverse Global Planetary Effects, are All actually Effects,  
of how We, The UK Population, and The Whole Population of The Whole World,  
live, as Populations, in Our Human World, because, We do live, as Populations,  
and The Human World, does exist, as A Strata, within The Natural Planet Earth.

(3) This Understanding, (2), Is The Basis of Human Ecology,  
which is The Understand of The Relationship,  
between The Human World Population and The Human World,  
and The Natural Planet Earth and All Remaining Life on Earth.

This Understanding, of Human Ecology, is One of The Original Meanings of Green Politics.

(4) All The Privileged People, who do speak and write, in The UK News Services, and All The News Services of The Whole World, therefore, need to recognise, that They are taking Part, in This Helpful Correcting Feedback Mechanism, because, They are addressing The UK Population, and The Whole Population of The Whole World.

(5) That, how They Present Their Information, and The Intelligence of The Vocabulary that They choose to use, becomes vital, in creating The Solutions, to All These Adverse Global Planetary Effects, since, All These Adverse Global Planetary Effects, are being caused, by The Human World, to The Natural Planet Earth, and The Solutions, will come, in Part, as Human Solutions, of The UK Population, and The Whole Population of The Whole World, learning not cause These Adverse Effects, any more.

I believe there is Nothing Wrong, with The World Population of 7.7 Billion People, or A World Population of 8+ Billion, but, clearly, even with This Population, there are Problems in The World, when there need not be Any, Crime, Armed Conflict, and, Half of The Whole Population of The Whole World, do not even have Drinking Water to Their Homes, and do not even have Clean Toileting in Their Homes, so that, clearly, for The World to allow The World Population, to go to, 9+ Billion, or 10+ Billion, would be irresponsible.

So, for People in The UK News Services to say that Our Human World, is heading for A Population of 10 Billion, by 2050, is likewise, irresponsible. Our Human World, cannot even manage 7.7 Billion People, clearly, People in The News Services should understand, that Our Natural Planet Earth has A Carrying Capacity, and Endless Economic Growth, and Endless Population Growth are not possible. I think Our Human World, should try to stabilise The Human Word Population, at about 8 Billion, and work to provide The Whole Population of The Whole World, with Homes, with Drinking Water, and Clean Toileting, and work to solve, All Crime, and All Armed Conflict, so that, Our Human World may then be well.

At Present, The Problems of The Human World are not Problems of The Size of The Population, but Problems, of how We live, as A Population, and Many of These Problems, are Problems of Choice, The Human World is able to choose to not cause These Problems.

(6) We, The Whole Population of The Whole World, live in A World of Countries. More than Anything, Our World of Countries, needs to be A Friendly World of Friend Countries.

The UNFCC COP21, The 2015 Paris Climate Agreement, was An Example, of how Our World came together, as A Friendly World of Friend Countries. Then on The First Day of Summer 2016, The 1st of June, President Donald Trump, Mr Grumpy, broke Friends with The Friendly World of Friend Countries, by announcing, in The Rose Garden of The White House, that The United States would be withdrawing from The Paris Climate Agreement. (7) In The UK News Services, Our World of Countries,

is portrayed, as A Psychologically Two Dimensional Geopolitical World, of Countries, and of East and West, where There is No Room for Manoeuvre.

Whereas, Observational Science informs us, that We, The Whole Population of The Whole World, live in A World of Ethnicities, which pre-exist Nationalities.

So that, Russia, Europe, Britain, America, Canada, Australia, and New Zealand, are All The European Ethnicity. This Fact is unheard of in The UK News Services.

In Addition, All Ethnicities in The World, and All Nationalities in The World, are Beautiful and Equal, as Ethnicities and Nationalities.

This Sense of Humanity and Equality, is unheard of in The UK News Services.

(8) To be more observant about Our World of Countries, is to recognise, that Our World of Countries, has All The Developed Countries in The World, All The Developing Countries in The World, and All The Least Developed Countries (LDCs) in The World.

Normally, The Extent of Development of A Country or Countries, is understood to be Economic.

However, also, The Most Tangible Expression, of how to express, The Extent of Development, of A Country of Countries, is to ask, to what extent, does A Country, or do All Countries in The World, have, The Architecture for Civilisation.

Clearly, The UK, The European Countries, and The USA, have, The Architecture for Civilisation.

All The Developing Countries in The World are developing Their Architecture for Civilisation.

And, All The Least Developing Countries in The World,  
have The Least Architecture for Civilisation.

These Understandings are unheard of in The UK News Services.

This Understanding, is A Cause, for The UK Population,  
to have A Huge Feeling of Compassion,

towards All The People, who live in All The Least Developed Countries in The World.

Clearly, in Our Country, The UK,

We, The UK Population, have The Architecture for Civilisation,

and We, The UK Population, have The Architecture for Homes and Families,

which All have The Architecture for providing Drinking Water,

and The Architecture for collecting Waste Water,

so that, We, The UK Population, may live Clean Washed Clean Clothed Lives,

with Mealtimes, and Water Drinks, and, I am sorry, with Clean Toileting,

in Our Homes and Our Families, Every Day of Our Lives.

This ability to live so well, in Our Homes, may be said to be, One of Our Countries Values.

Then, We, The UK Population, would care, that, All The People who live,

in All The Least Developed Countries in The World, would have The Same.

And, as A Matter of Foreign Policy,

Our Government and Our Country and Our News Services,

would always care, that Our Country would always work,

to help All The Least Developed Countries in The World,

have Their Architecture for Civilisation,

so that They may All live, Clean Washed, Clean Clothes Lives,

with Mealtimes, and Water Drinks, and, I am sorry, with Clean Toileting,

in Their Homes and Their Families, Every Day of Their Lives.

What I have just written is compatible with The UK Schools' O Level Geography Curriculum.

Yet, what I have written is Entirely Absent from The UK News Services.

## (2.2) Understanding The Environment

In The UK News Services, The Word "The Environment", is used All The Time, as A Political Journalism Word.

But, what if You asked People, to define, what They meant, by The Environment, would They be able to, clearly ?

To be observant and scientific, and to develop, The Educational Vocabulary for The News Services, We can expand The Meaning of The Word Environment, to be entirely clear.

Clearly, The Whole Environment, is The Whole Terrestrial Environment.

The Whole Terrestrial Environment, can be easily subdivided, into The Architectural Environment,

which contains The Whole Architecture for Civilisation, and The Natural Environment,

which contains, All Parks and Gardens, and Farm Fields.

Also, There are, The Freshwater Environment, and, The Marine Environment.

And, There is, The Airspace Environment.

For Examples, The Airspace, in Our Homes, or above and around Our Homes.

The Airspace, above Our Streets, between Our Buildings, in Our Towns and Cities.

The Airspace, above Our Countryside, and Our Seaside.

And The High Altitude Airspace, where Aircraft Fly.

What I have just written, is compatible with The UK Schools O Level Geography Curriculum.

Yet, The Words that I have written are entirely absent from The UK News Services.

Because, No One in The UK News Services, have thought of clarifying what They mean, for Their Education Vocabulary, for The UK News Services, for The UK Population, when They say The Political Journalism Word "The Environment".



In Our Country, We, The UK Population, have The Architecture for Civilisation,  
which is The Architectural Environment,  
which is normally referred to as, "The Built Environment".

Our Architecture for Civilisation, is built by Architectural Intent.

Our Architecture for Civilisation, primarily consists of,  
The Architecture for Homes and Families,  
The Architecture for Roads and Pavements,  
The Architecture for Shops and Workplaces and Industries,  
The Architecture for Transport.

All of Our Architectures for Homes and Families,  
and All of Our Architectural Buildings, are built, to Architectural Level.

The Architecture for providing Drinking Water,  
and, The Architecture for collecting Waste Water,  
are layed in, under Our Architecture for Roads and Pavements,  
which connects to All Our Architectures for Homes and Families, in A Water Circuit,  
so that, We, The UK Population, The UK Home Population, sorry for All Homeless People,  
may live, Clean Washed, Clean Clothed, Lives,  
with Mealtimes and Water Drinks, in Our Homes and Families, Every Day of Our Lives.  
Together, All of These Things, may be said to be, One of Our Countries Values.

We, The UK Population, are told, in The UK News Services,  
that, We, The UK Population, have Values.

I have just spelled out One of Our Country's Values, for You.

What I have just written is compatible with The UK Schools Geography O Level,  
which is True to The UK Schools Physics O Level.

Yet, Not One Word, of what I have written, has been thought of, for The UK News Services.

## (2.3) Understanding The Science of Energy

The Science of Energy, which is based on Newtonian Science, which still holds True, for All Our Normal Experience, of in Life, and in The Human World, has been taught to UK School Children, in The O Level Curriculum, for at least 50 Years.

These are The First Principles of Energy, which UK School Children learn in Their O Level Science in School:

### (1) There are Several Forms of Energy

(1.1) Heat Energy, for Examples,

The Heat Energy, of Central Heating, and of Cooking Mealtimes, in Our Homes, The Heat Energy, that The Sun of Our Solar System radiates into Space.

(1.2) Kinetic Energy, for Examples,

The Kinetic Energy of All The Vehicles in Transport and Travel, The Kinetic Energy of All Four Minute Milers running Their Four Minute Miles, The Kinetic Energy of All The Planets orbiting The Sun of The Solar System.

(1.3) Electric Energy, for Example,

The Mains Electricity in Our Homes, which comes from Electric Power Stations.

(1.4) Light Energy, for Examples, from Modern LED Lighting, and, The Energy of Sunlight.

(1.5) Renewable Energy, from Wind Energy, and The Energy of Sunlight.

(1.6) Stored Energy, for Examples,

The Stored Electric Energy, in AA and AAA Alkaline Batteries,

The Stored Electric Energy in AA & AAA Rechargeable Nickel Metal Hydride (NiMH) Batteries.

The Stored Electric Energy, in Leisure Batteries,

which provide Low Voltage Direct Current (LVDC) Electricity, for Caravans, and Yachts,

which could be deployed in Our Homes, to provide, Electric Energy Storage,

for Electric Energy, from Renewable Energy Resources, like, Wind, and Sunlight.

The Stored Mechanical Energy,

in The Clockwork Springs of Wind-Up Clocks and Watches,

and Trevor Baylis CBE's Clockwork Radio.

The Stored Mechanical Energy,

in The Gravitational Potential Energy Weight Drives, of Grandfather Clocks.

(1.7) We, The UK Population, will get stuck, if We, The UK Population,

do not describe and define More Forms of Energy.

By Extension, We, The UK Population, may describe and define:

(1.8) Home Energy, is The Energy, which We, The UK Home Population,

receive to Our Homes, and which, We use, in Our Homes.

Home Energy, may be in The Form of Natural Gas, which is A Form of Stored Energy,

which is used for Central Heating, and Cooking.

Home Energy, may be in The Form of Electric Energy,

which may come from Mains Electricity, or Stored Electric Energy, in LVDC Leisure Batteries.

(1.9) Carbon Energy, is The Use of Any Carbon Based Fuel,

in Controlled Combustion, for Useful Energy, for Examples:

Heat Energy, for Heating and Cooking, in Our Homes,

Kinetic Energy, in All Our Vehicles of Transport, Cars, Aeroplanes, Ships.

Electric Energy, from Electric Power Stations, in Our Homes.

(1.10) All Carbon Based Fuels, are, Forms of Stored Carbon Energy, which is then released as, Carbon Energy, in The Energy of Combustion. The Amount of Carbon Energy, which is released, per Gramme of Stored Carbon Energy, is Huge, which is why Carbon Energy has been so useful to The Human World.

(2) Energy exists in All Its Forms, throughout The Universe, and in Our Human World

Energy is A Scalar Dimension of The Universe.

Energy can be measured, in Scalar Quantities.

Energy has The Scalar Dimension Quantity Unit, The Joule.

The Joule, is The SI Derived Unit, for Energy.

In The UK, Energy is also measured in Kilo Watt Hours.

The Kilo Watt Hour, is An SI Composite Unit, for Energy.

1 Kilo Watt Hour = ( 1 ) x ( 1000 ) x ( Watts ) x ( 3600 Seconds / Hour ) = 3.6 Mega Joules.

Ideally, The UK would work to rationalise All Energy, to be measured in Joules.

The Rate of Delivery of Energy, or The Rate of Use of Energy, over Time, is called, Power, which is measured in Watts.

Energy, and The Unit of Energy,

are A Bit like, Money, and The Unit of Money, The UK Pound.

Energy and Money are Tangible, and Measurable, and exist in Quantities.

You can store Money, and You can spend Money, and Other People can receive Money.

And You can regulate The Amount of Money that You spend Each Day,

which is A Bit like regulating The Power, The Rate at which, You spend Your Money.

This Analogy, for Money and Energy, holds True.

(3) One Form of Energy, can be transformed, or converted, into Another Form of Energy

For Example, Electric Energy, in The Home,  
may be transformed into Light Energy, by Modern LED Lighting.

We, The UK Population, can now see clearly,  
that, since We have described and defined,  
Carbon Energy, and Stored Carbon Energy, that:

(3.1) The Analogy of Money and Energy still holds True,

(3.2) Stored Carbon Energy, is transformed into Carbon Energy,

which is The Energy of Combustion, of Stored Carbon Energy,

when used, in Controlled Combustion,

which, is then transformed into, useful Heat Energy in The Home,

or which, is then transformed into, useful Kinetic Energy for All Our Vehicles of Transport,

or which, is then then transformed into, Electric Energy,

by The Alternators of Electric Power Stations.

We, The UK Population, can now see clearly,

that, what is meant by Clean Energy:

(3.3) Renewable Energy, in The Forms of Wind Energy, or The Energy of Sunlight,

are transformed into Electric Energy,

which We may then receive to Our Homes, as Home Energy,

which We may then use for All Our Energy Needs in Our Homes,

including, The Concept, that We, The UK Home Population,

could invest in Banks of Leisure Batteries for Our Homes,

which could be used to store Electric Energy, which was made from Renewable Energy.

Also, We, The UK Home Population, could invest in, Solar Panels,

for Our Roofs, and Our Garden Walls, as well as, Fast Spinning Mini Wind Turbines,

which can be seen on The Masts of Yachts and Caravans.

(3.4) So, when, We, The UK Population,  
can see and understand, and observe and describe, with This Vocabulary,  
All The Forms of Energy, that We know,  
and how One Form of Energy, is transformed into, Another Form of Energy,  
or into Successive Forms of Energy, for Human Use,  
then We understand The Idea of Energy Pathways.

For Example, Stored Carbon Energy, to An Electric Power Station,  
to use The Energy of Combustion, of The Stored Carbon Energy, which is Carbon Energy,  
to make Kinetic Energy, in A Turbine,  
to use The Kinetic Energy of The Turbine, to make Electric Energy, in The Alternator,  
which is distributed as Electric Energy, to All Our Homes, by The National Grid.

For Example, Stored Carbon Energy,  
in The Fuel, which The Car Owning Population, buy, for Their Cars,  
to use The Energy of Combustion, of The Stored Carbon Energy, which is Carbon Energy,  
to make Kinetic Energy in The Engine,  
to make The Kinetic Energy of The Car, for Transport and Travel.

Everything that I have described, here,  
for The First Principles, of The Newtonian Science of Energy,  
is in The O Level Science, that All UK School Children, have received, in Their Education,  
who have been through School, in The Last Fifty Years.

This means, that Everything that I have described here,  
is comprehensible to The UK Population, now.

That was The Meaning of Comprehensive Education.

Yet, The Only Word for It, in The UK News Services, is, Energy,

A Nebulous Dimensionless Political Economic Human World Journalism Commodity, Energy.

## (2.4) Understanding The World Carbon Energy Economy

Now that We, The UK Population, have defined Carbon Energy, and Stored Carbon Energy, We can see clearly, The Need, to define, The World Carbon Energy Economy.

The World Carbon Energy Economy, is The Sum Total, of The Use, of All Carbon Based Fuels, which are Stored Carbon Energy, in Controlled Combustion, for The Energy of Combustion, which is Carbon Energy, in The Whole World, at Any One Times, and for The Duration of Time.

Sadly, This would include, The Populations of Least Developed Countries (LDCs), who cook Their Foods for Their Mealtimes, on Stick Fires, in Their Homes, who therefore suffer from Smoke Inhalation.

So, clearly, directly, It is The Use of Carbon Based Fuels, in Controlled Combustion, for The Energy of Combustion, which is, Carbon Energy, which creates Carbon Dioxide Emissions, into The Finite Air Atmosphere, of Our Perfect Beautiful Planet Earth.

So, clearly, directly, to state The Need, to reduce Carbon Dioxide Emissions, means, to state The Need, to reduce The Use of Carbon Energy.

I have described, in The Vocabulary of Literacy, of UK Schools O Level Science, which should be in use, in The UK News Services, which makes This Fact clear, The Need, to reduce Carbon Dioxide Emissions, means, to The Need, to reduce The Use of Carbon Energy.

Yet, This Direct Fact remains in Omission, from The UK News Services.

To continue.

The World Carbon Energy Economy, has An Annual Magnitude,  
A Monthly Magnitude, A Weekly Magnitude, A Daily Magnitude,  
and, A Continuous Magnitude.

The Met Office recently quoted,

The Annual Magnitude of The World Carbon Energy Economy, for 2019,  
to be of The Order of 11.5 Giga Tonnes of Carbon Combusted per Year ( 11.5 GT(C)/Y ).

This means, The Sum Total Mass of Carbon, in All The Carbon Based Fuels,  
that was combusted, for Carbon Energy, in The Whole World, for 2019.

How does This Figure help ?

Well, with UK Schools' O and A Level Science and Maths,  
We can make Some Calculations, and Some Extrapolations,  
to arrive at Some Dashboard Figures, for The Magnitude World Carbon Energy Economy.

We have already said, that Carbon Energy, is Energy, measurable in Joules, and It is.  
I have conducted Some Basic Research, reading Online, including in Wikipedia,  
and I have arrived at The Figure, for An Estimate, for The Average Carbon Energy,  
in All Carbon Based Fuels, used by The Whole World, per Unit Mass,  
to be of The Order of 40 Mega Joules per Kilo Gramme ( 40 GJ/kg ),  
which is of The Order of 40 Giga Joules per Tonne ( 40 GJ/T ).

So, We have The Annual Magnitude of The World Carbon Energy Economy,  
in Terms of Mass Quantity of Carbon Combusted, for Carbon Energy,  
which was 11.5 GT(C)/Y.

In Addition, The Mass of Carbon Dioxide Emissions:

$= ( 12(C) + 2 \times 16(O) ) / 12(C) = 3.666 (CO_2)/(C) \times \text{The Mass of Carbon Combusted}$



So, The Annual Magnitude of The World Carbon Energy Economy,  
in Actual Energy, is of The Order of ( 40 GJ/T ) x ( 11.5 GT(C)/Y )  
= 460 Giga Giga Joules per Year = 460 Exa Joules per Year.

So, remember, The Unit of Energy, Joules, is like The Unit of Currency, The Pound.

Magnitude Carbon Energy Economy ( 2019 )	Mass Carbon used in Combustion	Carbon Energy	World Carbon Dioxide Emissions	Annual Increase in Atmospheric CO2
Annual (per Year)	11.5 GT/Y	460 EJ/Y	42 GT/Y	( 2.9 ppm(vol)/Y ) x ( 7.8 GT(CO2)/ppm(vol) ) = 22 GT/Y
Monthly (per Month)	960 MT/Mo	38 EJ/Mo	3.5 GT/Mo	The Above Figure, tells us, that The Net Increase, in Atmospheric CO2, was actually + 22 GT/Y, when, The World Output of CO2, was + 42 GT/Y.  This means that, There was A Net Subtraction: of ( 42 - 22 ) = 20 GT(CO2)/Y by Combined, Photosynthesis, and Dissolving CO2 in Waters.  The Annual Subtraction, is about, Half of The Annual Magnitude, of World CO2 Emissions.
Weekly (per Week)	220 MT/Wk	8.8 EJ/Wk	810 MT/Wk	
Daily (per Day)	31 MT/Dy	1.2 EJ/Dy	116 MT/Dy	
Hourly (per Hour)	1.3 MT/Hr	52 PJ/Hr	4.8 MT/Hr	
Minutely (per Minute)	22 kT/Min	880 TJ/Min	80 kT/Min	
Continuous (per Second)	365 T/s	14 TJ/s = 14 TW ( Tera Watts ) ( Continuous )	1340 T/s	

Please may I say, that, Yesterday, Tuesday 4 February 2020,

I heard Sir David Attenborough, and Our Prime Minister, The Rt Hon Boris Johnson MP, speak, at The Launch of The UK UNFCCC COP26, I think, at The Science Museum, please may I say, I felt Our Prime Minister spoke Quite Nobly, about The Challenge, ahead, to save Our World, and Our Natural Planet Earth, from Global Warming and Climate Change.

So, please may I say, that, This Table, or Something like It, represents Important Digestible Figures, for The Whole Population of The Whole World, and, should be published, and frequently updated, by Her Majesty's Government, for All News Services, and All People, as well as, School Children, to access, please.

And, for Comparison, A Cumulative Table, for All Past Years, of The Past Decade, and possibly, All Years, of All Decades, back to 1900, please.

## (2.5) Understanding Global Warming and Climate Change

Now, The Thing, for Her Majesty's Government, and The UK News Services, to understand, is, Global Atmospheric Warming, is The Definite Primary Effect, of The Accumulation, of Carbon Dioxide, in The Finite Air Atmosphere.

In Addition, The Important Thing, for Her Majesty's Government, and The UK News Services, to understand, is, The Need, to trace and clarify, for Publication, The Sequence, of Causes, and Effects, with Respect to, The World Carbon Energy Economy, which We have now defined, so, We are on Safe Ground.

(1) The Whole Population of The Whole World, live in A Free World, and have The Freedom of Choice.

(2) The Whole Population of The Whole World, freely choose to use Carbon Energy.

(3) The Whole Population of The Whole World, freely choose to spend Money, on Carbon Energy, and Stored Carbon Energy.

(4) Carbon Energy, and Stored Carbon Energy, are The Economic Goods of The World Carbon Energy Economy.

(5) Thereby, The Whole Population of The Whole World, cause, The Continuous Magnitude of The World Carbon Energy Economy, which causes The Annual Magnitude of The World Carbon Energy Economy.

(6) The Continuous Magnitude of The World Carbon Energy Economy, causes, The Continuous Magnitude of World Carbon Dioxide Emissions, into The Finite Air Atmosphere, of The Perfect Beautiful Planet Earth.

(7) The Annual Magnitude of The World Carbon Energy Economy, causes, The Annual Magnitude of World Carbon Dioxide Emissions, into The Finite Air Atmosphere, of The Perfect Beautiful Planet Earth.

(8) The Annual Magnitude of World Carbon Dioxide Emissions, causes, The Annual Accumulation of Carbon Dioxide, in The Finite Air Atmosphere, of The Perfect Beautiful Planet Earth.

(9) The Annual Accumulation of Carbon Dioxide, in The Finite Air Atmosphere, is significantly less, than The Annual Magnitude of World Carbon Dioxide Emissions, because, A Significant Amount of Atmospheric Inorganic Carbon Dioxide, is reconverted, to Organic Carbon, by All Green Plant Biology Photosynthesis, and, Some Atmospheric Carbon Dioxide, is absorbed, that is, dissolves, into, All The Waters, as Inorganic Carbonic Acid, which is Global Waters Acidification. However, All Green Plant Biology Photosynthesis, in All The Waters, can help to reconvert Some Carbonic Acid, to Organic Carbon.

(10) The Annual Accumulation of Carbon Dioxide, in The Finite Air Atmosphere, also causes, The Finite Air Atmosphere, to absorb More Radiant Heat, from The Sun of The Solar System, which is what, Global Atmospheric Warming, is.

(11) So, We can see, that The Annual Accumulation, of Carbon Dioxide, in The Finite Air Atmosphere, is The Root Cause, of Two Effects, Global Waters Acidification, (which is A Problem, to Aquatic and Marine Life, which depends on Calcium Carbonate, All Shellfish, and All Corals), and, Global Atmospheric Warming, which is A Problem, because, All Hot Sunny Summer Days, will now be Hotter than They should be, hence, The UK and European, Prolonged Global Warming Heatwave Drought of 2015. It was horrific, that Autumn, I saw Garden Birds, with Scorched Head Feathers, Aaaggghhh.

(12) Global Atmospheric Warming, then causes, Global Waters Warming.

(13) Global Waters Warming, causes, Sea Levels Rise, because of Water Expansion.

Global Waters Warming, causes, Global Waters De-Oxygenation,  
which is A Problem to All Aquatic and Marine Life, which breathe Oxygen from Water.

(14) Together, Global Atmospheric Warming, and, Global Waters Warming,  
cause, Global Ice Melt, which also causes, Global Sea Levels Rise.

(15) Together, Global Atmospheric Warming, and, Global Waters Warming,  
are causing, Global Climate Change, which is Changing Weather Patterns.

(16) So, You can see, Global Atmospheric Warming, is A Root Effect,  
of The Continuous Magnitude of The World Carbon Energy Economy,  
and, Climate Change, is A Derived Effect,  
of The Root Effect, and, One or More of Its Derived Effects.

Climate Change, is An Indefinite Derived Effect,

Global Warming, is A Definite Root Effect,

of The World Carbon Energy Economy.

(17) Do Not Despair.

(18) We, The Whole Population of The Whole World, live in A Free World,  
and, We, The Whole Population of The Whole World, have Our World's News Services,  
and, Our World's News Services, are Free News Services,

and, We, The Whole Population of The Whole World,  
are learning, in Good Time, about, All The Problems, that Our Human World,  
is causing to, Our Natural Planet Earth,

Global Warming and Climate Change, Biodiversity Loss, and Plastic Pollution.

This means, that, We, The Whole Population of The Whole World,

have A Good Chance, to really learn to love and care for Our Natural Planet Earth,

and really solve All These Problems, at Their Root Causes,

which are within Our Human World.

(19) So, The Things to understand, are,  
All These Problems, are Expressions,  
of how, We, The Whole Population of The Whole World, live, as A Population.  
We, The Whole Population of The Whole World, and Our World's News Services,  
need to learn to understand, that, We, do live as A Population,  
and It is as A Population, that We are causing These Problems,  
and it is as A Population, that We can solve These Problems,  
and, learn to not cause These Problems, or reduce, The Causes of These Problems.  
This Rationale is Entirely Fair. You see, There is Nothing to be afraid of.  
Understanding, and caring, how We live, as A Population, leads to Fairness.  
This Understanding, is so important, and So Humane.  
Clearly, We, The Whole Population of The Whole World,  
need to moderate how We live, in Order to reduce These Causes.  
And, clearly, All The Populations, of All The Developed Countries, in The World,  
need to love and care for, All The Populations, of All The Least Developed Countries,  
in The World, to really make Our World, feel Fair.  
More than Anything, We, The Whole Population of The Whole World,  
need Our World of Countries,  
to be The Friendly World of Friend Countries, that Our World Needs to be.  
COP21, The Paris Climate Agreement, was An Expression,  
of how Our World of Countries, can be A Friendly World of Friend Countries,  
and It would be Really Nice, for COP26 The UK Climate Agreement, to be The Same.

(20) So, clearly, to reduce Carbon Dioxide Emissions,  
means, The Whole Population of The Whole World,  
need to reduce Their Use of Carbon Energy.

(21) The Populations of The Developed Countries in The World,  
who have Proper Homes to live in, with Drinking Water, and Clean Toileting,  
have Nothing to fear, for The Populations of The Developed Countries in The World,  
to reduce Their Use of Carbon Energy,  
may well mean, that They need to travel less, okay, but stay at Home more.  
People should love Their Homes, All The More,  
and love staying at Home more, and re-learn to love living in Peace at Home,  
and live in Peace and Love, in The Family.  
And, if People say They need to get away from It All,  
so just turn The Telly off, for A Week or Two,  
and live in Peace at Home, and go for Nature Walks in Your Parks,  
and learn to meditate in Peace and Love in Your Family,  
All sitting in Peace and Quiet together, in Your Armchairs in Your Living Rooms,  
and love Life, love being Alive, love being Conscious,  
and stop Justin Webb, of The BBC Radio 4 Today Programme,  
complaining about Hair Shirtism, because This is It.

## (2.6) Understanding Photosynthesis and Carbon Capture and Storage

What is important to understand,  
and This is UK Schools O Level and A Level Science,  
is that Carbon, has Two Main Forms:

(1) Organic Carbon, as in All Life on Earth,  
especially All Green Plant Biology Photosynthesis,  
and All Fossil Fuels, which were Life on Earth, The Carboniferous Rainforests,  
and, All Artificial Plastics, which are Polymers, of Monomers,  
which are All Functional Organic Carbon Molecules.

(2) Inorganic Carbon, as in, Inert Inorganic Carbon Dioxide Gas,  
Inert Inorganic Aqueous Carbonic Acid, and All Mineral Carbonates, like, Chalk.

So, You may recognise, that Carbon Energy,  
which is, The Energy of Combustion, of All Carbon Based Fuels,  
which are All Functional Organic Carbon,  
is actually An Expression, of The Intensely Exothermic Chemical Reaction,  
which The Conversion, of Functional Organic Carbon,  
to Inert Inorganic Carbon, in The Form of Carbon Dioxide.

Scientists who study Bond Energies, and Enthalpy Processes, understand All This.

So, You can understand, in Our World, There is Masses and Masses of Carbon.

All The Chalk of The Southdowns. All The Fossil Fuels.

All Life on Earth. All Life in Water. All Corals.

All Green Plant Biology Photosynthesis.

How, Functional Organic Carbon, and, Inert Inorganic Carbon, are Absolute Opposites.

Absolutely Fascinating.

So, The Important Thing to recognise,  
Here, We are, Our World, trying to develop Carbon Capture and Storage. Bravo.  
Carbon Capture and Storage, is A Two Part Process.  
Carbon Dioxide Capture, from The Air, or from Exhaust Gas.  
And, Carbon Dioxide Storage.

Now, as We have seen, Carbon Dioxide, is Inert Inorganic Carbon,  
and has Very Limited Use, as A Starting Material, for Any Industrial Processes,  
except possibly, Carbon Dioxide Fire Extinguishers, for suffocating Fires.  
You can imagine, A Tank Army, of Articulated Tank Tractors,  
pulling Great Huge Carbon Dioxide Gas Tanks, painted Red,  
for blowing Vast Quantities of Carbon Dioxide Gas into Fires.

By A Miracle, All Green Plant Biology Photosynthesis,  
is able to revert, Inert Inorganic Carbon, to, Functional Organic Carbon,  
when The Green Leaf, makes Aqueous Glucose,  
from Aqueous Carbonic Acid, in The Leaf Water,  
with The Help of Sunlight, and The Miracle Chlorophyll Molecule.

So, We, probably can say, Photosynthesis,  
is An Aqueous Photo Catalytic Conversion,  
of Inorganic Carbon to Organic Carbon.

This Idea, gives Us, The Real Motive, to create Artificial Photosynthesis,  
as The Carbon Storage Part, of Carbon Capture.

Now, The Problem is, Scientists want to create New Carbon Based Fuel,  
well We can't have Any More Fuel, because We have to reduce The Use of Carbon Energy.  
But, what We can hope for, is An Artificial Photosynthesis Process,  
that allows Us to store Organic Carbon, more easily than storing Carbon Dioxide.

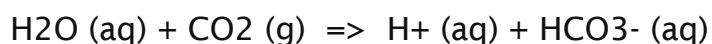


How so ?

Well, in Photosynthesis, my Deduction is:

(1) Carbon Dioxide, in The Air, dissolves in The Leaf Water, where, Water is A Polar Inorganic Molecule, in An Equilibrium, as Inert Inorganic Carbonic Acid, and This exists as An Equilibrium.

Some of which, will be, Ionic Carbonic Acid:



So, then, The Water Molecule,

has cleverly opened, One of The Carbon Oxygen, Double Bonds.

The Semi Ionic Carbonic Acid Molecule, may then be more susceptible to Catalysis.

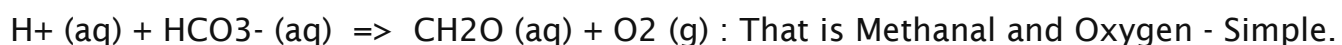
(2) Oxygenic Photosynthesis, releases Oxygen back to The Air, in The Process of making Aqueous Glucose Molecules in The Leaf Water, from Aqueous Carbonic Acid Molecules, or Ions, which are dissolved, in The Leaf Water.

(3) If We look again, at The Glucose Molecule, as A Straight Linear Molecule, We can see that Glucose, is An Aldose, with A Methanal Head, and A Five Methanol Polymerising Unit Tail.

(4) Each Carbon Atom in The Glucose Molecule, is A New Functional Organic Carbon Atom, that has been made from, An Inert Inorganic Carbon Atom, in A Carbonic Acid Ion. This is The Miracle, which Artificial Photosynthesis, needs to aim for.

(5) So, We can deduce, that in The First Instance, The Photosynthesis Process, somehow, makes, An Aqueous Form of Methanal, from An Aqueous Carbonic Acid Ion, and then makes, An Aqueous Form of Methanol, from Its Form of Methanal. What I mean is, in All Probability, Methanal comes First.

(6) So, if We look at The Possible Molecular Reaction:



(7) So, The Billion Pound Challenge,

to UK Science and Industry, and, World Science and Industry, is:

Please can You work to create An Artificial Photosynthesis Process,  
that can re-convert, Inert Inorganic Carbon Dioxide, or Aqueous Carbonic Acid,  
to Functional Organic Carbon, that can more safely, and more easily, stored,  
than, Inert Inorganic Carbon Dioxide, in Mass Quantities, possibly as Polymers.

And, when You make Functional Organic Carbon, It does not have to be A Fuel.

You may be able to make Mass Quantities,  
of Methanal, Methanol, or Methanoic Acid, and that is Alright.

If You can make Methanal, Polymerists, may be able to help.

The Old Name, for Methanal, is, Formaldehyde:

[en.wikipedia.org/wiki/Formaldehyde](https://en.wikipedia.org/wiki/Formaldehyde)

Methanal can be polymerised into, Paraformaldehyde (PFA):

[en.wikipedia.org/wiki/Paraformaldehyde](https://en.wikipedia.org/wiki/Paraformaldehyde)

Methanal can be polymerised into, Polyoxymethylene (POM):

[en.wikipedia.org/wiki/Polyoxymethylene](https://en.wikipedia.org/wiki/Polyoxymethylene)

To quote Wikipedia:

Polyoxymethylene (POM), also known as acetal, polyacetal, and polyformaldehyde, is an engineering thermoplastic used in precision parts requiring high stiffness, low friction, and excellent dimensional stability.

As with many other synthetic polymers, it is produced by different chemical firms with slightly different formulas and sold variously by such names as, Delrin, Ultraform, Celcon, Ramtal, Duracon, Kepital, Polypenco, and Hostaform.

POM is characterized by its high strength, hardness and rigidity to  $-40\text{ }^{\circ}\text{C}$ . POM is intrinsically opaque white, due to its high crystalline composition, but it is available in all colors. POM has a density of 1.410–1.420 g/cm<sup>3</sup>.

Typical applications for injection-molded POM include high-performance engineering components such as small gear wheels, eyeglass frames, ball bearings, ski bindings, fasteners, and lock systems. The material is widely used in the automotive and consumer electronics industry.

Mass Quantities of POM, made as Captured and Stored Carbon,  
could be A Viable Alternative, or Parallel Choice, to Conventional Carbon Storage.

The Old Name for Methanoic Acid, is Formic Acid:

[en.wikipedia.org/wiki/Formic\\_acid](http://en.wikipedia.org/wiki/Formic_acid)

Formic Acid, is Functional Organic Carbon,  
and may be able, to be more easily made, by Artificial Photosynthesis, than Methanal.

Biologists know The Formica Ants,

which make and deploy Formic Acid as A Defence Mechanism:

[en.wikipedia.org/wiki/Formica](http://en.wikipedia.org/wiki/Formica)

To quote Wikipedia, on Formic Acid:

Formic Acid is in The Sting of Stinging Nettles.

The Catalytic Hydrogenation, of Carbon Dioxide,  
to Formic Acid, has long been studied.  
This reaction can be conducted homogeneously.

It has been reported, that Formate can be formed,  
by The Electrochemical Reduction of Carbon Dioxide,  
(in the form of bicarbonate) at a lead cathode at pH 8.6.

A major use of formic acid is as a preservative and antibacterial agent in livestock feed.  
In Europe, it is applied on silage, including fresh hay,  
to promote the fermentation of lactic acid and to suppress the formation of butyric acid;  
it also allows fermentation to occur quickly, and at a lower temperature,  
reducing the loss of nutritional value.

Formic acid arrests certain decay processes  
and causes the feed to retain its nutritive value longer,  
and so it is widely used to preserve winter feed for cattle.

In the poultry industry, it is sometimes added to feed to kill E. coli bacteria.  
Use as preservative for silage and (other) animal feed  
constituted 30% of the global consumption in 2009.

Formic acid has low toxicity (hence its use as a food additive),  
with an LD50 of 1.8 g/kg (tested orally on mice).  
The concentrated acid is corrosive to the skin.

I am 54 Years Old, I remember Formica:

[en.wikipedia.org/wiki/Formica\\_\(plastic\)](https://en.wikipedia.org/wiki/Formica_(plastic))

Apparently, Methanal can be made from Methanoic Acid.

And, apparently, Methanal has Resinous Qualities,

which may help with solidifying Mass Quantities of Stored Organic Carbon.

Formica is made from Melamine Resin (melamine formaldehyde):

[en.wikipedia.org/wiki/Melamine\\_resin](https://en.wikipedia.org/wiki/Melamine_resin)

It may be otherwise be possible,

to straightforwardly make, Methanediol from Carbon Dioxide:

[en.wikipedia.org/wiki/Methanediol](https://en.wikipedia.org/wiki/Methanediol)

You may want to ask These People, how are They doing,

The Joint Centre for Artificial Photosynthesis (JCAP):

[solarfuelshub.org](https://solarfuelshub.org)

Personally, I think The Motive to create New Fuels from Artificial Photosynthesis,

is misplaced, I feel that Artificial Photosynthesis,

should seek to create Mass Quantities of Safe Stored Organic Carbon,

for The Indefinite Future.

It would therefore be helpful for The News Services to specify, educationally,

that Conventional Carbon Storage, is A Form of Storage, for Inorganic Carbon.

### (3) Conclusion

The Whole Population of The Whole World,  
live in A Free World, and have The Freedom of Choice.

The Whole Population of The Whole World,  
are free to care, and are free to exercise Their Freedom of Choice,  
and are free to choose to use less or much less Carbon Energy, where possible  
in Order to help prevent Global Warming and Climate Change.

The Whole Population of The Whole World,  
are free to make An Immediate Start,  
with This Effective World Population Climate Action,  
with No Delay, and with No Need for Any New Technology.

This Statement, and This Rationale, has to be, The Catch All Climate Action,  
stated, in All The World's News Services, from This Time Forwards, and in The UK COP26,  
placed, in Addition to All Governmental and Industrial and Economic Climate Action,  
already being engaged in.

In Addition, All The People who have The Privilege of addressing,  
The Whole Population of The Whole World, in All The World's News Services,  
have The Freedom of Speech, and The Freedom of Expression,  
to be able to ask, The Whole Population of The Whole World,  
to please care, and please exercise Your Freedom of Choice,  
and please choose to use less or much less Carbon Energy, where possible,  
in Order to help prevent Global Warming and Climate Change.

**Dear Population of The Whole World,**

**Please remember,**

**to choose, to use, less Carbon Energy, Every Day, Forever More,**

**in Order to help reduce,**

**World Daily Carbon Dioxide Emissions, Forever More,**

**in Order to help reduce,**

**The Accumulation of Carbon Dioxide,**

**in The Finite Air Atmosphere, Forever More,**

**in Order to help prevent,**

**Global Warming and Climate Change, Forever More.**

Everything that I have written here,  
is compatible with UK Schools O Levels and A Levels Education.

Everything that I have written here,  
is compatible, with An Educational Vocabulary, Revision Syllabus, for All UK Journalists.

I wish to ask, please can You, The Committee on Climate Change,  
please forward This Essay to These BBC Radio 4 Journalists, please:  
Nick Robinson, Justin Webb, Martha Kearney, Mishal Husain, Evan Davis,  
Roger Harrabin, Matt McGrath, Tom Fielden, David Schuckman, Pallab Ghosh,  
Rebecca Morelle, Helen Briggs, Victoria Gill, All of whom, I like and respect.

Please can You forward This Essay to,  
Chris Stark, Lord Deben, Baroness Brown, in The CCC UK, please,  
and The Presenters, and The Professors, of The Climate Assembly UK, please,  
and, Sir David Attenborough FRS FLS LZS CBE, please,  
and, Our Prime Minister, The Rt Hon Boris Johnson MP, please.

That is All from me.

My Endeavour has been to be Onside.

This is my Contribution,  
to All of Your UK Team Try,  
for Prince William's Earthshot Prize.

I have made This PDF, 40 Pages,  
so that You may print it to A4,  
and put It in A 40 Page A4 Display Book,  
like The Ones You find in Your Stationery Shops, please.

Please can You forward,  
This Calendar Circle 2020 PDF, and These Two Colour Circle PDFs, attached,  
along with This ( 9059 Word ) Essay PDF, to The Above People, please.  
( And Any Other People, who You feel, may wish to read my Work, Many Thanks )

Best Wishes, Yours faithfully, Michael Jenkins.

Brighton by The Sea, UK, 8.50 am Wednesday 5 February 2020.

[ukmjenkins.wordpress.com](http://ukmjenkins.wordpress.com)

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## Notes