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Abstract, Paper & CV

**Multidimensional properties of money, real
economy and new technology**

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Bismillah ir-Rahman ir-Rahim

Multidimensional properties of money, real economy and new technology

Abstract

Using unity-of-knowledge methodology, Islam has been identified as the powerful force which, interacting with progressive forces on the edge of conventional thinking, creates the *Major New Paradigm* of the 4th Industrial Revolution.

The paradigm provides a new way of understanding physical, economic, moral and political reality so that the effects of automation may be addressed and a solution found for deprivation, poverty and environmental stress.

Moreover, the paradigm reveals the practical mechanism for the large-scale creation (by the national bank) of interest-free money which is then lent to the banking system for the purpose of spreading the real economy and new technologies to every person in society. This cannot be inflationary – the money is repaid and cancelled, leaving behind in existence the physical asset.

Furthermore, the way is also open for the large-scale use of low-cost financing for new technologies giving worldwide environmental benefit to humans, fauna and flora.

The technologies basically divide into three broad categories:-

- A. Highly desirable **existing** technologies whose implementation is at present prevented by the effects of compound interest but which can be implemented with interest-free financing.
- B. Highly desirable **new and proven** technologies which already exist and whose speedy development and introduction can be progressed.
- C. Technologies **which go beyond** the present scientific paradigm.

This paper should be read in conjunction with the papers:-

- *The Major New Paradigm of the 4th Industrial Revolution* by Rodney Shakespeare.
- *Implementing the Major New Paradigm of the 4th Industrial Revolution* by Dr. Talib Warsi & Rodney Shakespeare

Both presented at this Conference.

1. Unity-of-knowledge methodology and trans-disciplinary analysis

Unity-of-knowledge methodology starts by observing that Allah created the world and so all things are part of His Creation and connected.¹ As a consequence, and crucially, therefore, unity-of-knowledge methodology rejects Western reductionism which separates academic subjects.

That does not mean, of course, that the methodology denies the value of specialisation – after all, each subject contains a vast amount of information and there is a limit to what one human being can absorb and understand.

However, it *does* mean that an academic subject has no excuse for continually ignoring major matters elsewhere in Allah's creation with which it is logically, practically and morally connected. **Specialisation can never be an excuse for gross negligence.**

Unity-of-knowledge methodology, therefore, is that methodology which, as far as possible, always takes into account what ought to be taken into account. This essentially means remembering that we must never ignore our moral obligations to each other, to flora and fauna, and to the world in general. In short, we must always have a sense of Allah's Creation and His Purposes.²

The result is ***a trans-disciplinary analysis and foundation*** for the study of science, finance, society, and economics which finds connections, gives them new meaning and, in particular, creates the *Major New Paradigm* thereby opening the way for big, new, world-renovating policy.

2. The Major New Paradigm

The *Major New Paradigm* establishes that:-

There is no physical or intellectual barrier to the large-scale, non-inflationary creation (by the national bank) of interest-free money lent to the banking system for the purpose of spreading the real economy to every person in society.

Crucially, the loans ensure that ALL individuals, over time, acquire an income from connection to, or association with, productive capital. This is essential for a world in which computers and associated technology are doing more and more of the work and destroying jobs.

Moreover, the loans enable, over time, the implementation of **Say's Theorem** ('Law') that supply should equal demand (which is not the case at present). Furthermore, in a world of increasing capital productiveness, computer technology and automation, ownership of capital, and access to capital technology, is increasingly necessary.

The loans are repayable and cancelled leaving behind in existence the productive assets. Therefore they cannot be inflationary.

¹ Masudul Alam Choudhury, *The Universal Paradigm and the Islamic World-System*, (2007).

² Masudul Alam Choudhury, *The Islamic World-System*, (2004).

Moreover, a key aspect of the situation is that the supply of interest-free money also opens the way for many new, clean and low-cost technologies to benefit humans, fauna, flora and environment.

3. The new technologies

The new technologies divide into three broad categories:-

A. Highly desirable existing technologies whose implementation is at present prevented by the effects of compound interest but which can be immediately implemented with interest-free financing.

i) An example is a **sewage treatment plant**. In the world every day, thousands of people die from the effects of dirty water. The situation is shocking yet easily remediable. However, sewage plants take time to build and, from the moment of doing the first planning, compound interest is rapidly building and so the cost soon becomes un-repayable.

But the cement exists; the mechanical diggers exist, the technicians and workers exist, and so there is no reason why the sewage plants cannot be built. However, at present, the present system of global finance (which is based on usury and designed to enable a small elite to continually rip off wealth for its own benefit and nobody else's) prevents necessary construction of sewage plants. Indeed, it is shameful that the world tolerates pain, illness and death for millions of people because it listens to the insidious whisper which says:-

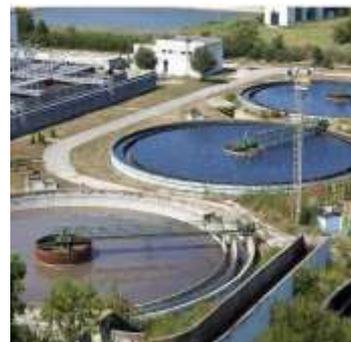
“The present system is perfect; no further substantial change is possible or desirable; compound interest is a good thing; and building more sewage plants is not possible.”

BUT THAT IS WRONG and with courage the situation can be corrected.

ii) Another example is a **tidal lagoon**. Wherever there are tides there is opportunity for the large-scale generation of clean electricity. By placing the lagoons appropriately the generation can even be continuous with little or no inter-tidal hiatus.

The lagoons consist of concrete walls in which there are slowly revolving turbines which do not affect the passage of fish. Both concrete and turbines are well-understood existing technologies. But the construction of a tidal lagoon inevitably takes years and, long before completion, the cost (because of compound interest) will have rocketed so that it can never be repaid.

The extraordinary thing is that a tidal lagoon is capable of producing massive amounts of a highly saleable product (i.e., electricity) and will do so *for one hundred years or more with very little maintenance required*. Viewing the



situation, any businessperson sees a colossally profitable project but, alas, simply, one that can never be profitable at present because of the compound interest arising from the financing.

Underwater turbines operating in tidal races are a further example of what is easily possible with interest-free financing.

iii) There are many other examples, all of them using existing technologies and providing for human need. Looked at from one angle, the most extraordinary of them all is the **housing situation**. Although modern houses should embody the latest energy-saving solutions, housing still uses existing technology and readily available resources. It is outrageous that humans are denied proper shelter.



There are also **roads, bridges, railways and transportation systems**, all of which give major physical benefit and use existing technologies and all of which are often denied because of the grip of usurious banking.



B. Highly desirable new and proven technologies which already exist and whose speedy development and introduction can be forwarded.

There are then many promising new technologies which are denied financing because their development can take time and because there may not be an immediate prospect of profit. Yet, at the same time, these technologies are of obvious and huge benefit to the human race.

Some extraordinary examples are set out below.

i) The elimination of Ebola and other pathogens from water and touch surfaces



There are two methods:-

a) Spray-on surface coatings

Hi-Bond's **spray-on surface coatings** have a durable life expectancy of thirty years for the elimination of all pathogens including Ebola from touch surfaces such as hand rails in hospitals, operating theatres, in public offices and on public transport.

b) Inline filtration units

The insides of the pipes have spray-on coatings and can instantaneously eradicate all waterborne viruses found in drinking water, storage tanks and swimming pools thereby eliminating the use of any and all chemicals such as chlorine.

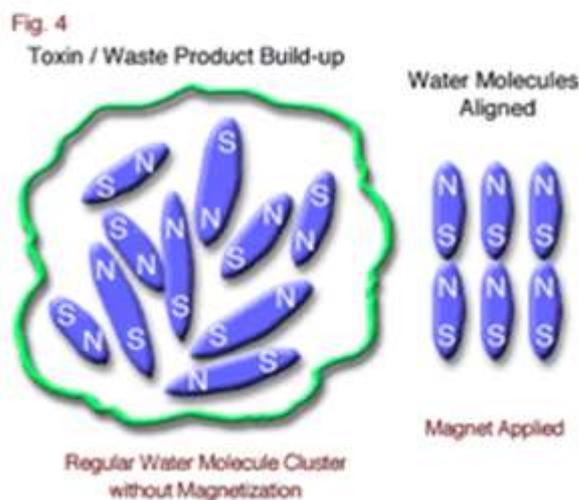
Field trials carried out in Pakistan, Spain and Australia confirm the laboratory findings carried out at the Biomedical Research Centre, Sheffield Hallam University.

Findings by Dr Jamie Young in 2014 are set out in Appendix One.

ii) Magnetized water technology

Water is passed through a magnetic field and the effect on the molecular structure is shown below:-

CHAOTIC & MAGNETIC WATER



The effect of aligning the molecules is to increase the way and speed in which water flows (both of which have remarkable consequences).

A simple demonstration is **a fountain** in Dubai. It had a spout height of 82 metres but, when magnetised water was used, the height rose to 98 metres (making it the third highest in the world). The point to notice is simply that the magnetised water was moving more easily and quickly through the system. *Something had changed!*

Empirical Evidence from the UAE showing some of the physical changes caused by passing liquids – in this case water – through a magnetic device: The Sharjah Fountain's original height was 82 meters; after being retrofitted with a magnetic device - it then reached a height of 98 meters making it the 3rd highest in the world

Regular Water Molecule Cluster without Magnetization

82 METERS

Water Molecules Aligned

Magnet Applied

98 METERS

The World's #1 Magnetic Authority
Professor Yuri Tkatchenko

Magnetic technology also improves the throughput of all liquids with consequences including improved fuel efficiencies for all internal combustion engines and reduction in the emission of noxious gases. Thus the Sidney bus company in Australia reported an average increase in mileage for their vehicle fleets of some fourteen to seventeen kilometres per tank of fuel.

Using the basic magnetic technology, the performance of gas-powered vehicles and all types of water boilers can be improved.

Moreover, on a longer time-scale, magnetised water **prevents the build-up of scale** in boilers and heat exchangers thereby dramatically improving plant efficiency. An example is the Dubai Cement works which, within three months from the installation of three magnetic flanges, went from 68% to 98% efficiency.

iii) **MAGRICULTURE**

But perhaps the most dramatic use of magnetic technology is **Magriculture** which involves the magnetic treatment of seed and water to produce some remarkable organic effects.

The technique is simple -- magnets are placed around the seeds or around a water pipe. Just like that! The cost is minimal but the results are usually improved yields of up to 40%.

Sometimes, however, the results are extraordinary. In Australia a field was divided into two halves having the same soil and the same irrigation water. However, one half was given magnetised water and it produced an extra 30,000 melons as compared with the half having non-magnetised water. Video evidence is available.

Furthermore, crops come to harvest 15 to 20 days earlier than their non-magnetised counterparts. They thereby come to market 15 to 20 days before the competition and, in the process, there is a saving of up to 15 to 20 days of expenditure on labour, water, diesel fuel and electricity.

Of the many implications of the magnetising process, one is that **GMO (Genetically Modified Organism) seeds are completely unnecessary.**

CABBAGES GROWN IN THE SAME SOIL AND PLANTED ON THE DAY



LEFT NON-MAGNETIC - RIGHT MAGNETIC SAMPLE

CUCUMBER PLANTS IN INDONESIA



Improved Citrus Yields Due to Magnetic Water



PROFESSOR YURI TKATCHENKO THE FOUNDING FATHER OF MODERN MAGNETIC TECHNOLOGY



- iv) Yet the organic benefits do not stop with more rapid, healthier growth. Magnetic technology allows **the use of brackish (salty) water for agriculture!**

PROFESSOR YURI TKATCHENKO WITH ORGANIC BANANAS GROWN IN SHARJAH UAE WITH WATER CONTAINING 6000PPM OF SALT



شجرة موز مثمرة في الشارقة تسقى بالماء الممغنط
Banana Tree In Sharjah Irrigated With Magnetic Water

- v) Oh yes! We must not forget **how to clean polluted rivers and the way that sturgeon love magnetised water** – they mature in five years instead of the usual seven!

RIVER CLEAN UP IN RUSSIA



FISH LOVE WATER BUT PREFER
MAGNETIC WATER – E.G. STURGEON
MATURE IN 5 YEARS NOT 7



C. Technologies which go beyond the present scientific paradigm

The frontiers of science and technology continually move forward. We should have an open mind about, and give financial encouragement to, technologies which, although at first sight breaking the present scientific paradigm, have obvious potential for advance. Examples include possible 'free' energy devices.

Appendix One

Sheffield Hallam University	Biomedical Research Centre
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Bacterial Analysis of Filter Efficacy
By Dr Jamie Young, on behalf of Sheffield
Hallam University
February 2014

**Biomedical Research Centre
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Business Development Manager: Dr Jamie S Young

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Cultures of *Escherichia coli* and *Staphylococcus aureus* were incubated overnight at 37°C. Following this 500 ml of each culture was added to a feeder tank containing 500 litres of water.

The feeder tank was mixed and samples removed for analysis. Samples were also removed before the addition of bacterial species. This sampling took place on the 27th of January 2014

Water was allowed to filter through the device and sample collected from the post-filter storage tank on the 29th of January 2014

100 µl of each sample was plated in triplicate onto LB agar plates and incubated overnight at 37°C. Following this, bacterial colonies were counted and recorded.

Results

Sample	Colony forming units per ml of sample
Tap Water	BLD*
Feeder tank	2.5×10^4
Post filter	BLD*

*BLD = Below Limits of Detection

The results show that the filter process resulted in the removal of 2.5×10^4 cfu/ml of a mixed bacterial population comprising of *E. coli* and *S. aureus*

About the Author

David Musa Pidcock was born in Sheffield UK, in 1942. He is married with two children. A former Roman Catholic, he became a Muslim in 1975 and is a founder member and, since its inception, the Leader of the Islamic Party of Britain.

David is a machinery consultant, valuer and author who lectures across the UK and abroad particularly on Islamic economics.

An honorary member of the Economic Research Council and a director of the Institute for Rational Economics, David is a co-founder of the National Association for Victims of Fraud and Banking Malpractice. His book *Satanic Voices - Ancient and Modern* is known as the definitive reply to Salman Rushdie's *Satanic Verses*.

Now long completed is David's *Dark Knights of the Solar Cross*, the confessions of G.B. Smith (a former 'Grand Baphomet' of the Ordo Templi Orientis), rescinding Smith's highly acclaimed earlier work *Knights of the Solar Cross*, and showing the similarities and origins of witchcraft, freemasonry and the occult New Age movement. David also co-operated with Martin Short on *Inside the Brotherhood (Further Secrets of Freemasons)*.

David organised the translation from French into English of *Napoleon et L'Islam* by Christian Cherfils (published in 1914) which chronicles Napoleon Bonaparte's conversion to Islam in 1798. The conversion led to his *Code Napoleon*, the French civil law adaptation of Islamic law, 94% of which he took from the Fiqh of Imam Malik and which continues to form the basis of European Jurisprudence to this day.

David has now completed and published *The Other Road to Serfdom* (a history of the abuse of money from Plato to NATO) by the late Arthur Swan and several more.