

ESSENTIALS OF QUANTUM ECONOMIC SCIENCE

The quantum economic space is a quantifiable input-output circuit of natural resources (energy, matter), money, time and production.

It is not a perpetual motion of households, firms and banks where income is produced via labor and capital, i.e. the canonical text-book liturgy of 19th century mathematics, classical mechanics and static statistical charts.

In the modern monetary production economy, all needs are reduced into the need for money; economic systems evolution has reached a value creation circle where money and energy (the primary natural resource for economic production) have become inter-changeable.

This technical simplification comes with a high price for the eco-logical and human environment as natural resources are more valuable than money, i.e. the increase of the monetary volume (via fiat credit and interest=not existing value) demands increasing energy consumption (existing value) and accelerates herewith the economic production cycle.

The eco-energetic circuit reads: energy/quantifies/time; time/quantifies/production; money/quantifies/energy. It goes without saying that such an artificial accounting system is not sustainable (unstable) because it lacks the brake of a natural ratio.

As most economic knowledge is derived from private wealth management or central policy planning, the *profession* falls short of balancing the distinct levels (micro-macro-meta-economics) for a science of human economic action (interplay of value preferences and physical effects).

Rent-seeking, monetary excess and artificial accounting have resulted in a global conflict for natural resources (land value) that cannot be balanced via technical capital formation and human creative ingenuity, because infinite mathematical calculations cannot substitute for finite physical resources.

Quantum economic science holds that the cyclical return of crises (bubbles) is due to the lack of insight into the natural laws of human progress, thus depressions and regressions occur as a not necessary (avoidable) result of unsustainable debt levels that accompany a new technological wave.