

## Is the work cost illusion?

How much does the work of a sanitary worker cost? In new European union countries it costs 100 eur for two days work to reinstall the water pipes in bath and kitchen, and in old European country to suck sewage from the ground sewer costs 300 eur for 10 min, and sanitary hourly work is about 70 eur.

One can ask why is so huge difference? The materials are the same, the technology is the same. What makes that difference?

Is the cost of work just an illusion as Karl Marx wrote in [1] that capitalists manipulate so well.

In this article, we show that there is a Law that proves that **Work Cost is Illusion**.

We present the results as Definition-Theorem for the sake of clarity.

Let us define as a system some economical organization (example, Soviet Union or Business Company) together with its rules that make this system to produce something (do some work).

### **Theorem on Rules.**

The system rules exist only to charge (accumulate) money to the system.

#### **Proof.**

Since system is economical organization that produces something, any rule in such system exists only to charge money. Any other rule is redundant and has no value for such system.

QED

### **Theorem on Work Cost.**

The costs of human work is proportional to the number of rules of underlying system, ie how big is the bureaucrat apparatus that produces those rules.

#### **Proof.**

The worker needs to obey the rules he is applying in his work and personal life that are created by bureaucrats. Each rule costs a certain amount of money to overcome (kind of open the door) it. The bigger is the number of rules the bigger is that amount that the worker would like to charge in order to survive and is charging in the end.

QED

Let us assume that the system has an equivalent conversion between money and work or goods produced. So, further we will speak in terms of money.

### **Definition.**

Consumer is someone or something in the system that consumes more money from the system than produces and gives back to the system.

### **Definition.**

Giver (donor) is someone or something that produces more money to the system than consumes from it.

### **Theorem on Consumers and Givers.**

Any system has consumers and givers at some point.

Eventually all become consumers.

Eventually the system shuts itself down (there are no rules anymore that make this system to produce something).

**Proof.**

There is a giver at some point otherwise already all are consumers and system would be shut down by this since all are only consuming money. It is easy to see that in such system there do not exist any rule. Why? It follows from Theorem on Rules. Since otherwise there would be a rule and this would mean that the system is still accumulating money. This mean that there would exist a giver.

If there are only givers all the time, there would be no sense in such system since money would be redundant.

Hence there is a consumer at some point in this system.

Let us prove this.

Since the system is economical (based on arithmetic) by Gödel theorem ( see [2]) there will be an exception statement that can not be proved or disproved by the system rules. Hence this statement is taken as a new rule for the system, otherwise this rule would break the system. Over time the number of such rules grows. Hence at some point there should be nominated someone or something that starts to write down those rules because the number of rules is huge that no one remembers them.

This someone or something is a consumer since it produces no money but only consumes because its work is only to write down the rules.

After this point if there is any giver in the system, the donor needs to work harder and harder because consumer gets bigger and bigger – it writes the rules all the time and the number of rules grows.

At some point giver becomes empty and can not produce money anymore or donor realizes that there are consumers around.

So, the giver realizes that the only way to exist in such consumer system is to become consumer itself in order not to self-destruct itself.

By this we proved that all become consumers after some time. The system that is only self-consuming the money will eventually shuts down since the money gets no sense in such system.

QED

**Examples:**

Soviet Union became such consumer system that shut down itself. The last givers were Latvia, Lithuania, Estonia, Armenia, Georgia and other smaller parts that understood that they worked only to grow Moscow bureaucrat apparatus.

Internet is a consumer system that exist to collect money by creating obscured dummy web sites and produces no values (just reprints the existing free work of givers).

This explains the existence of corruption in all countries and it also proves that the corruption will always exist while the money exist - no matter what the people do.

**Literature.**

1. Karl Marx. Capital
2. Wikipedia. Gödel theorem