Theoretical Groundwork

History and theory of moneyless exchange systems

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In the early ages of mankind, long before the concept of money existed, people relied on direct trades of items such as food, clothing, tools and weapons. Such direct exchanges of goods or services are called barter. Bartering has one obvious disadvantage: It requires a double coincidence of wants. If one person owns a hammer that they want to trade for a bag of rice, they need to find somebody who not only wants to obtain a hammer, but also has a bag of rice to offer in return. Otherwise a trade can not take place. Another problematic aspect of bartering is the lack of common measures. Without money or another standardized form of measurement, it is often difficult to determine and negotiate the value of goods or services, which might result in a disadvantage for one of the involved parties.

These commonly recognized drawbacks of direct bartering systems eventually led to the introduction of metal as a standardized representation of value. Around 2500 BC, copper rings were a common form of payment in ancient Egypt. The first recorded evidence of money as an accepted means of payment in exchange of goods dates back to around 600 BC, when the first stamped coins were minted in Lydia, an ancient nation located in an area that is now a part of Turkey.

Over time, money evolved into an increasingly abstract concept, establishing a convenient and widely accepted means of payment and thus providing the basis for rapid economic growth of modern societies, while simultaneously raising new severe issues: The possibility to accumulate wealth without any maximum limits and the general concept of interest along with banks growing into powerful and insufficiently supervised institutions are only some of the problems that have created a grave crisis for the monetary system, the effects of which are perceptible more than ever in current times.

(continue with how barter system have still existed alongside monetary system)