



“INTERNATIONAL FINANCE (AFU 08504)”

Dr. Kaaya, I.D (Ph.D., CPA),
indiael.kaaya@ifm.ac.tz; +255 767 428496
November, 2023

EXCHANGE RATE SYSTEM !

...LifeIsOn. Conquering tomorrow is an art of mind. Get it right. Be positive.

#IndiaelsInnerWisdom

#HekimaYaNdaniYaIndiael

#InspirationalQuotes





Exchange Rate Systems

International Financial Management



The International Monetary System!



■ IMS is the **institutional framework** within which *international payments are made*, the *movements of capital* accommodated and exchange rate determined.

- ▶ The Represents **system** of international arrangements, **rules , policies, institutions** in regard to exchange rates, international payments and capital flows.
- ▶ It facilitates **international payments , movement of capital globally** and **determination** of exchange rate.

The International Monetary System!

■ Evolution of International Monetary System



- The IMS can be traced through; **Bimetallism: pre – 1875**; Classical **Gold Standard: 1875 – 1914**; Interwar Period: 1915 – 1944; **Breton Woods System: 1945 – 1972** and Current Exchange Rate Regimes: 1973 – present day.

□ **Bimetallism: pre – 1875**

- Double standard commodity monetary system - where silver and gold were both used for **international payment** and local transactions.
- Gold and silver were used as **money** (coinage) and for **international debt settlement**.
- Under a bimetallic standard the silver/gold ratio was **fixed at a legal rate**.
- ❖ Under a bimetallic standard countries would experience "**Gresham's Law**" which is when "bad" money drives out "good" money.
 - The **more desirable, superior form of money is hoarded** and withdrawn from circulation, and people use the inferior or bad money to make payments.

The International Monetary System!

■ Evolution of International Monetary System

□ Classical **Gold Standard**: 1875 – 1914

- The underlying idea behind the gold standard was that governments guaranteed the **conversion of currency into a specific amount of gold**.
- The currencies of countries were **freely convertible into gold** and this enabled all international financial settlements to be made in gold.
- The money supply of a country was **constrained by its available supply of gold reserves** – such that an expansion of money supply would require an expansion of the **country's gold reserves**.



The International Monetary System!

❑ Classical **Gold Standard**: 1875 – 1914

- **Misalignment of exchange rates** and international imbalances of payment were automatically corrected by **Hume's 'price-specie-flow' mechanism** (cross-border flows of gold) – an automatic balance of payments mechanism which would balance international payments.
- Whereby any BoP surplus *caused an inflow of gold* into the central bank which enabled it to expand its domestic money supply (MS) without fear of having insufficient gold to meet its liabilities. The increase in the MS would **increase prices** resulting in **reduced demand for the country's exports** and, therefore, a fall in the balance of payments surplus.
- **With a balance of payments deficit the opposite could be expected** Supply and demand are automatically corrected.



The International Monetary System!

❑ Interwar Period: 1915 – 1944

- Redemption of banknotes in gold was **suspended by major countries**, which also placed **embargoes on gold exports**.
- There was a rise in **economic nationalism**, **instability**, **bank failures** and **panicky flights of capital across borders**, exacerbated by the ***Great Depression*** and the international financial crisis (late 1920s/early 1930s).
- Attempts were made to **restore the gold standard** but participants lacked the political will to 'follow the rules of the game'.

❖ The '**gold bullion standard**', adopted by the UK in 1945 - where gold bars were bought and sold by the Bank of England.

❖ The '**gold exchange standard**' - under which home currency would be exchanged for **certain other currencies rather than for gold itself**.



The International Monetary System!

❑ **Breton Woods System: 1945 – 1972**



- └ After World War II, a modified version of the gold standard monetary system, the Breton Woods monetary system, was created .
- └ This system was initially successful, but depended heavily on **gold reserves**, it was abandoned in 1971 when U.S president Nixon "closed the gold window."
- └ Named after a 1944 meeting of 44 nations at Bretton Woods the purpose was to design a **post-war framework** for a new international monetary system with ultimate goal of **ensuring exchange rate stability without the gold standard through Fixed Exchange rate system**.
- └ The result was also the creation of the **IMF and World Bank (BRETTON WOOD INSTITUTIONS)**.
- └ **The Bretton Woods system** was a **dollar-based gold exchange standard** designed to **create stability**, prevent a **recurrence of economic nationalism** and plays a positive role in the **rapid expansion of world trade**.

The International Monetary System!

└ Breton Woods System: 1945 – 1972



- └ The U.S. dollar **replaced gold** as the main standard of convertibility for the world's currencies
- └ The U.S. dollar became the **only currency that would be backed by gold** - this turned out to be the primary reason that Bretton Woods eventually failed.
- └ A system of **fixed exchange rates** on the adjustable peg system was established. Exchange rates were fixed against gold but since there were fixed dollars of gold (35 per ounce) the fixed rates were **expressed relative to the dollar**.
- └ The dollar became the **principal international reserve asset**.
- └ Only the USA **undertook to convert their currency into gold if required**.
- └ In the 1950's the US held the largest gold stocks in the world. Thus the **dollar became "as good as gold"** and countries were willing to use the dollar as their principal – This is the reason why the dollar is a vehicle currency.
- └ The international trade grew termed as **"golden age of capitalism"**, but the system collapsed in 1971.

ANY QUESTIONS!



**Sisi Ambao
Tunafunzwa Na
Ulimwengu
Tunafungua Lini
Shule?**



Mm naona kila sku tuko shule 🤔🤔

CURRENT EXCHANGE RATE SYSTEMS ! (1973 TO PRESENT)



- ▶ In 1973 **Flexible exchange rates** were declared by 14 countries and allowed their **currencies to float against the \$**.
- ▶ The regime was ratified by the **Jamaica Agreement** (January 1976) – where a *new set of rules for the international monetary system to achieve exchange rate stability was established.*
 - **But allowing every country to choose the best arrangement for them.**

CURRENT EXCHANGE RATE SYSTEMS ! (1973 TO PRESENT)



- ▶ Therefore the exchange rate can be **determined in different ways** referred as to exchange rate regimes.
 - **The exchange rate regime** represents the **system or methods** through which the exchange rate are determined or established around countries of the world.
- ▶ Different countries of the world apply and implement different approaches in **determining the value (price) of their currency relative foreign currencies.**
- ▶ The countries are supposedly required to decide on the **suitable exchange rate system** – it can substantially influence *international trade volume*, flow of **foreign investment** and capital.

The Current Exchange Rate Regimes!

- **Flexible (floating) Exchange Rate regime** allows the exchange rate to be determined by **market forces** of demand and supply of currencies, such that the **increased demand for a particular currency, other things remaining constant**, will lead to its appreciation and increase in its price relative to other currencies.
 - **Trade and capital flows** are the main factors affecting the exchange rate
 - In the long run, it is the **macro economic performance** of the economy (including trends in competitiveness) that drives the value of the currency)
 - No **pre-determined official target for the exchange rate** is set by the government.
- It is rare for pure **free floating exchange rates** to exist – most governments at one time or another seek to “manage” the value of their currency through **changes in interest rates** and other controls.





The Current Exchange Rate Regimes!

■ **Managed floating regime** - also referred as dirty float or hybrid exchange rate system. Under this system the exchange rate is ***allowed to fluctuate according to market forces*** but with **irregular and untimely interventions** by countries' authorities.

■ **Fixed exchange rate system** – the government maintain a **fixed exchange rate** at which it desires its currency to be exchanged against foreign currencies. Under this approach the central bank of the country **sets a fixed value** at which its domestic currency will be traded against the rest of the currencies.



The Current Exchange Rate Regimes!

■ **Pegged currency** - In some cases where a particular **country have regular transactions denominated in particular foreign currency** (ies), that country may decide to peg or fix the value of its currency against the selected foreign currencies.

- ⋮ E.g. Namibia and SAR. This is called the pegged exchange rate arrangement where the value of the country is attached or fixed to another foreign currency or to a basket of foreign currencies.

■ **Parallel exchange rates** - Some countries set different exchange rates for different types of transactions e.g. trade and tourism. **Official exchange rate may be set without regard to market forces** and this will lead to individual setting up non official markets.



Exchange Rate Regimes Applicable in Tanzania!

■ Similar to most of developing countries in the world, Tanzania **operates under the floating exchange system** which was adopted around 1990's.

- The exchange rate between Tanzanian Shillings (TZS) and foreign currencies is therefore **determined by the domestic inter-bank currency** transactions, that is demand for and supply of the TZS in the foreign exchange market.

■ It is discussed before, however, that it **almost impossible** to operate under a purely freely floating exchange rate system and therefore most of countries use hybrid system.

- Therefore the exchange rate is **market determined** but with irregular foreign exchange intervention aiming at **moderating the rate of volatility** and undue **fluctuations** in domestic currency's value.



Exchange Rate Regimes Applicable in Tanzania!

■ The depreciation of the value of Tanzanian shillings (TZS) against major currencies of the world such as US dollar (\$), Euro (€), Sterling pound (£), **have continuously witnessed over the recent past.**

■ For example the weight average exchange rate between Tanzanian Shillings and US dollar have changed from TZS 1280.30 (January, 2009) to TZS 2241.66 (January, 2018).

■ This **depreciation could substantially** be associated (i) high heavy **reliance on imports** and low volumes of exports (balance of payments deficit) (ii) decreasing **level of exports of agricultural products** such as sisal, cotton, cashew nuts, and (iii) the **fall in world prices of agricultural commodities.**

Any Questions Please?

**Mojawapo ya dalili za corona
ni mwanaume mzima kusema
piga kelele kwa kwio ake**

@ota255





WHATS MORE?!

- Explore the operation of single currency system (its possibility, advantages and drawbacks).

□ -----

- A number of economic blocks in Africa, including the East African Community, are now **considering having a single currency** in the future.

- **Required:**

- Using examples, briefly **discuss the importance** of a “single currency” for African economies.
- Highlight **key factors** that must be considered before embarking on a single currency.

Ready ?,ANY QUESTIONS



□ DISCUSS FACTORS AFFECTING THE VALUE OF TANZANIAN SHILLINGS, SUGGEST THE CURE for DETERIORATING VALUE OF TZS%

BLESSED.....

Asante!, Thank you!, Obrigado!,
Merci!, Cheers!.



End of presentation

