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***Miaka 58 ya Uhuru: Wajibu na
Mchango wa Wanataaluma
katika Maendeleo ya Taifa.***

– Udas2019

***Taswira ya Jamii kuhusu Nafasi
na Wajibu wa Mwanataaluma
katika Maendeleo ya Taifa:
Mategemeo na Uhalisia.***

Yaliyomo/ Mgawanyo

☐ Maadui Watatu

☐ Tulipo sasa

☐ Wapi tunataka kwenda

☐ Mategemeo na Uhalisia

☐ Hitimisho

Maadui Watatu - Umasikini Ujinga, Maradhi

UMASIKINI; Tathimini ya hali ya umasikini Tanzania bara iliyotolewa juzi na Benki Ya Dunia inaonyesha kua kati ya mwaka 2007 had 2018 umepungua kutoka asilimia 34.4 hadi 26.4

Viashiria vya kupunguza umasikini kulinganana ripoti tathimini ya umasikini kwa Tanzania bara kati ya mwaka 2012 - 2018.

☐ Asset Ownership; simu(57-78), TV(16-24), Fridge(7-10), laptop(2-4)

Maadui Watatu - Umasikini Ujinga, Maradhi

- ☐ **Increase in Access to basic Services; Umeme(18-29), Maji(8-16), Vyoo(7-17), Jamii iliofikiwa na Mtandao wa Barabara (51-66).**
- ☐ **Increase in Educational attainment; Msingi(71-85), Kidato 1mpk 4(31-34), Secondary (2-2.4).**
- ☐ **Employment shifts out of Agriculture into Services and Industry; Ajira wtk Kilimo(75-58), Biashara zisizo za Kilimo(9.4-14.4).**

Maadui Watatu - Umasikini Ujinga, Maradhi

- ☐ **Ujinga (Elimu (Kusoma na kuandika?), Ujuzi (Skills set), Taarifa?)**
- ☐ **Maradhi (Magonjwa, Kinga, Matibabu (Bima), Mazingira?)**

Key Indicators from Household Budget Surveys, Tanzania Mainland, 2007 and 2011/12

Indicator (percent)	2007	2011/12
Water, Housing, Sanitation and Communication		
Households with modern roofs	55	68
Households with modern walls	35	46
Households with electricity	13	18
Households with protected water sources	52	60
Households within 1 km of drinking water	57	71
Households using toilets	93	88
Households owning radios	66	54
Households owning a telephone	25	57
Education and Health		
Adult men with any education	83	87
Adult women with any education	71	76
Literate adults	73	77
Primary school net attendance ratio	84	77
Children aged 7-13 years studying	86	-
Secondary net enrolment ratio (Forms I-IV)	15	29
Households within 6 km of primary health facility	76	-

Note: HBS is normally done after every five years

Source: National Bureau of Statistics; Household Budget Surveys 2007 and 2011/12

Maadui Watatu - Umasikini Ujinga, Maradhi

**Je tunapoadhimisha Miaka 58, karibu 60
ya Uhuru Wetu maadui hawa
wamebadilika?**

Hii vita imefikia wapi?

Changamoto za wakati

- **Business Environment (policy, laws/Acts)**
- **Entrepreneurship ecosystem**
- **Skills set**
 - **Hard (technical) and soft Skills**
 - **Entrepreneurial Skills**
- **Attitude**
- **Level of Technological advancement**
- **Fear**
- **Unemployment (largely attributed to lack of skills)**
- **Education system**
- **Health**
- **Environment**

Tulipo sasa

Uchumi wa Kati na wa Viwanda

- ☐ **Agenda Kubwa ya kitaifa tulionayo - Uchumi wa kati Viwanda (Mipango mbali mbali iliopo na Dira ya Maelendeleo 2025)**
- ☐ **Viwanda gani tunataka? Je Mother Industries, Asembling, or what? - Tumejizatiti wapi?/ Nini focus yetu?**
- ☐ **Na je tukijitafakari uwezo wetu na ukuaji wa teknolojia tunaelekea huko? kama ndio kwa kiasi gani tumefanikiwa, tunaweza jipima? na kama hapana tufanye nini? tatizo liko wapi?**

Wapi tunataka kwenda

Je Uchumi wa Viwanda kuwa na Majengo tu?

- ☐ **Je tuna nguvu kazi ya kutosha?**
- ☐ **Elimu yetu? kwa kiasi inaakisi na kuandaa jamii na nchi kuujenga uchumi wa viwanda?**
- ☐ **Teknolojia?**
- ☐ **Nguvu ya watu kununua (buyer power)**
- ☐ **Uwanja mpana wa ajira, kujiajiri na kuajirika (employment possibilities)**

Wapi tunataka kwenda

Tujiulize Wanataaluma, is there a wheel that it is going to look like we are reinventing, more so, can we invent the wheel?)

- ☐ **Teknolojia? Je Viwanda ni competitive advantage yetu?**
 - ☐ **Je tunaweza kushindana Afrika Mashariki, Afrika na Duniani?**
 - ☐ **Nani tunamtazama kama industry leader wa kumfuatia?**
- ☐ **Nini tunaweza kufanya cha kutuweka namba moja duniani?**
 - ☐ **Agriculture (Organic foods?), Geographical Location?, Service Industry au Nguvu Kazi (is it skilled enough?).**

Pyramid ya Ujuzi iko Juu-Chini

Level	2011/12	2016/17	2017/18	2018/19	MICA Ratio
Professional	166,418(1.0)	-	207,363(1.0)	181,867(1.0)	1.0
Technicians	155,705(0.9)	128,121	128,940(0.6)	113,427(0.7)	1.25
Vocational	124,343(0.7)	130,079	119,184(0.6)	222,683(1.2)	2.63
*MICA Middle Income Countries Average	● Basic Education Statistics (BEST, 2012) with modifications ● Education Sector Performance Report (ESPR 2018/19) MEST ● MICA Pyramid is up-right ● Tanzania Pyramid is upside down (save for 2018/19) ● MICA Countries Include China, Egypt, India, Indonesia, Korea, Malaysia, Vietnam, Jordan, Morocco, Thailand, Phillipines				

The Jobs Landscape in 2022

emerging
roles,
global
change
by 2022

133
Million

Top 10 Emerging

1. Data Analysts and Scientists
2. AI and Machine Learning Specialists
3. General and Operations Managers
4. Software and Applications Developers and Analysts
5. Sales and Marketing Professionals
6. Big Data Specialists
7. Digital Transformation Specialists
8. New Technology Specialists
9. Organisational Development Specialists
10. Information Technology Services

declining
roles,
global
change
by 2022

75
Million

Top 10 Declining

1. Data Entry Clerks
2. Accounting, Bookkeeping and Payroll Clerks
3. Administrative and Executive Secretaries
4. Assembly and Factory Workers
5. Client Information and Customer Service Workers
6. Business Services and Administration Managers
7. Accountants and Auditors
8. Material-Recording and Stock-Keeping Clerks
9. General and Operations Managers
10. Postal Service Clerks

Taswira ya Jamii kuhusu Nafasi na Wajibu wa Mwanataaluma katika Maendeleo ya Taifa: Mategemeo na Uhalisia.

Wajibu Wetu ni nini? (Mategemeo 'Je tunaleweka?')

- ☐ **Kutoa Elimu kufanya wahitimu wetu kua washindani ndani na nje**
 - ☐ **Elimu lazima iwe msingi wa kujenga competency**
 - ☐ **Lazima ijikite katika kuwapa wahitimu ujuzi (skills set)**
 - ☐ **Elimu lazima imkomboe mtu kua huru kifikra, kiuchumi, kimaendeleo**
- ☐ **Dhana ya kuelimika ni ipi, lazima kama wasomi tuiishi kwa vitendo!**

Taswira ya Jamii kuhusu Nafasi na Wajibu wa Mwanataaluma katika Maendeleo ya Taifa: Mategemeo na Uhalisia.

Wajibu Wetu ni nini? (Uhalisia; Je tunachofanya kinaakisi/ gusa jamii?)

- ☐ **Tafiti zenye kujibu changamoto za wananchi(maji, umeme, usafiri, biashara, uchumi, afya nk)**
- ☐ **Tuna jukumu la kurahisha uelewa wa masuala mapana ya kitaifa kuhusu uchumi na maendeleo katika nyanja zote.**
- ☐ **Tuwe kimbilio kwa taifa (a centre of excellence), sehemu ambapo majawabu yanaweza kupatikana, kutafutwa.**
- ☐ **Academic freedom ??**

Mategmeo Vs Uhalisia

Idadi ya watu katika nchi za Afrika Mashariki

- 1. Tanzania: 59M**
 - 2. Kenya: 50M**
 - 3. Uganda: 44M**
 - 4. Rwanda: 12.9M**
 - 5. Burundi: 11M**
 - 6. South Sudan: 12M**
- Total Population: 176.9M + 12M**

Tanzania Case

- 0-14 years: 23M (44%)**
- 15-24 years: 11M (20%)**
- 25-54 years: 16M (30%)**
- 55-64 years: 2M (3.5%)**
- Over 64 years: 2M (2.5%)**

Source (UN. WB, NBS, UKAid)

Mategemeo Vs Uhalisia

- **Market/ Soko (176M +12M people)**
- **Technology and Internet**
- **Existence Business Opportunities through the country and across sectors**
- **Average age in Tanzania 17.7**

Hitimisho

- ☐ **Tuwaze pamoja kwa sauti!**

***“Sisi tunataka kuuwasha Mwenge
na kuuweka juu ya mlima
Kilimanjaro umulike hata nje ya
mipaka; ulete tumaini pasipo na
matumaini; upendo pasipo na
upendo; na haki palipo na
uonevu”***

–Mwl. Julius Nyerere, 22 Oktoba 1959



***“Ama tutaleta na kuchochea
mabadiliko ya kweli au
tutakuwa tumewaangusha
Watanzania.”***

Ahsanteni sana