

Manufacturing, Engineering and Related Services **SETA**



DEPARTMENT OF TRADE AND INDUSTRY MANUFACTURING CLUSTER

27 SEPTEMBER 2019

THE FOURTH INDUSTRIAL REVOLUTION

LEADERS IN CLOSING THE SKILLS GAP

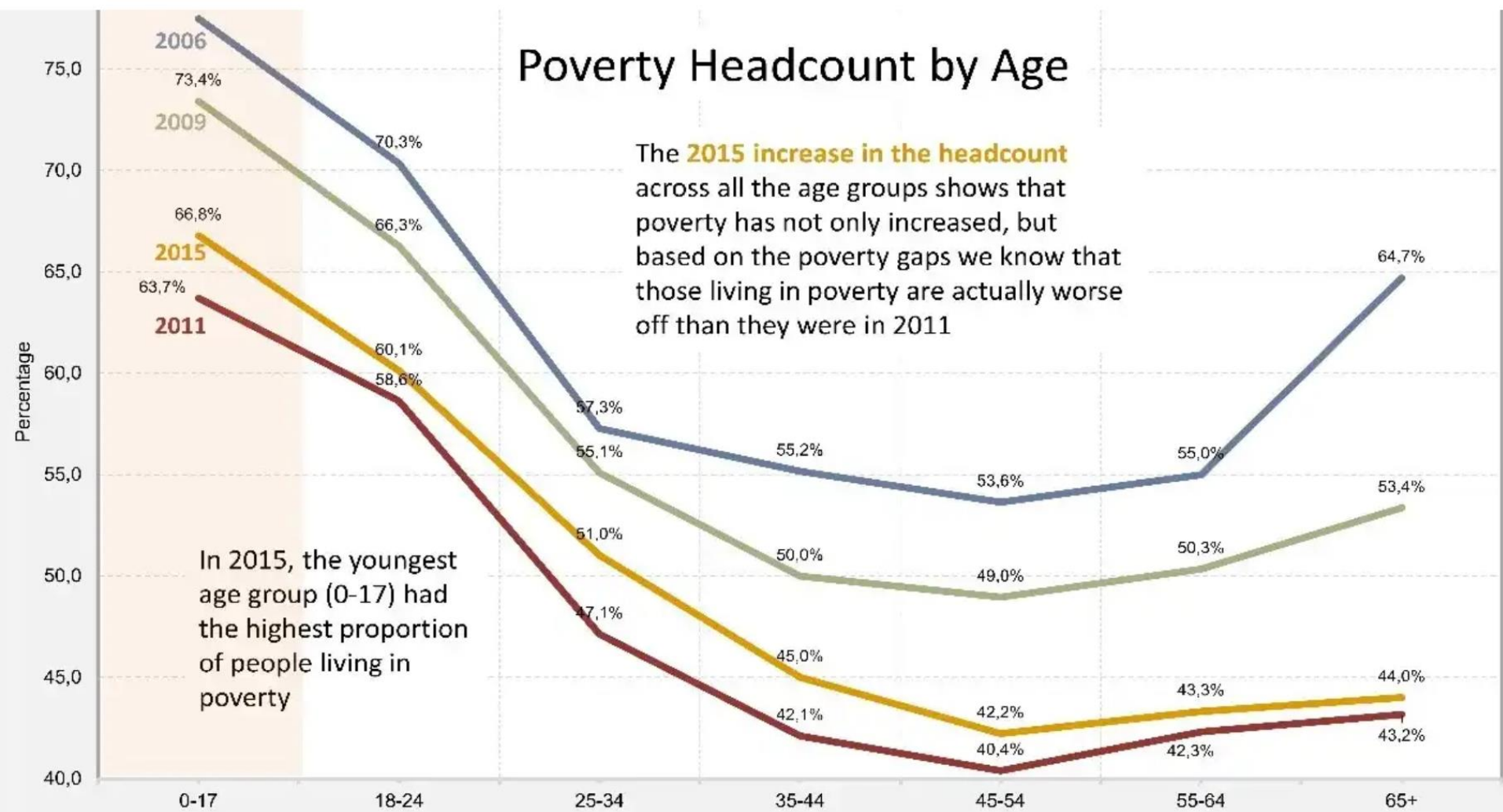
CURRENT AND FUTURE TRAINING NEEDS QUESTIONS TO BE ASKED !!

HOW DO WE POSITION OUR COUNTRY WITHIN THE CONTEXT OF :-

- Skills development in our volatile political environment?
- ..In a diverse community within the growing industrial demands for high level skills.
- Needs of upskilling people also in the RURAL regions
- Prepare our country in terms of Green Skills Needs.
- How do we support our people with handicaps to become productive participants.
- How do we ensure we capitalise on Fourth Industrial Revolution and are not left Marginalized by it.

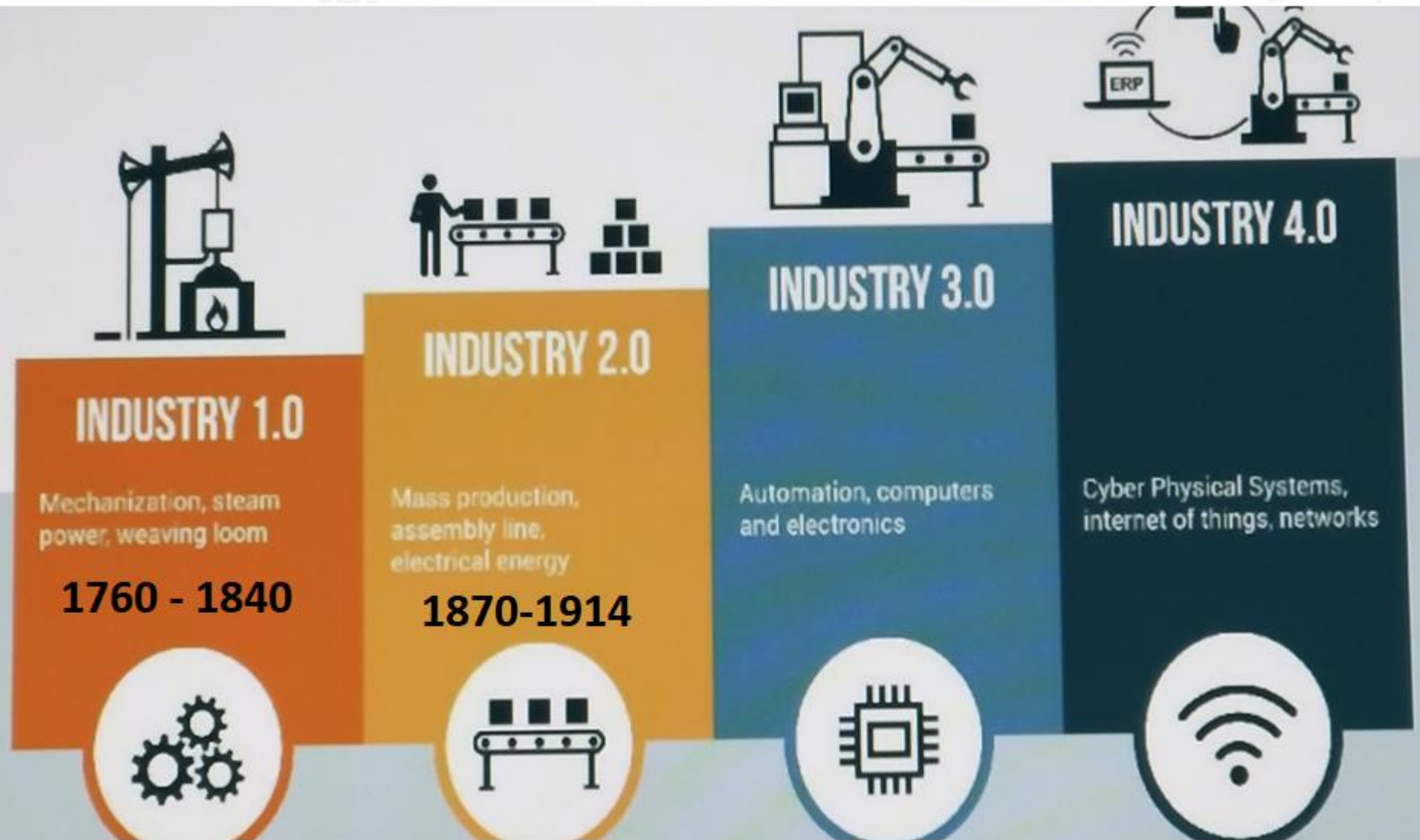


SOUTH AFRICAN POVERTY BASED ON R992 /PERSON



LEADERS IN CLOSING THE SKILLS GAP

WHY FOURTH INDUSTRIAL REVOLUTION



LEADERS IN CLOSING THE SKILLS GAP

THE **GOOD** IN THE FOURTH INDUSTRIAL REVOLUTION..



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[Video](#)



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Driverless Cars

Flying Cars

Additive Manufacturing / 3-D Printing

Internet of Things

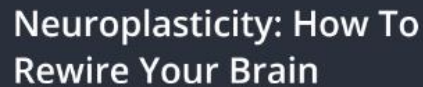
Medical Advances – **SHOW !**

Electric Cars



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How to develop mental flexibility, change habits, stop procrastination and alter memories based on neuroscience research



Enter the new era of Hybrid AI Models
optimized by Deep NeuroEvolution, with a
complete toolkit of ML, DL & AI models



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ROBOTIC'S



CODING

ALGORITHM THINKING

MICROBOTIC'S



TRAIN
WORK

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WHAT IF WE IGNORE THE FOURTH INDUSTRIAL REVOLUTION..



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There has never
been a time of
greater
promise, or
greater peril

Professor Klaus Schwab
Founder and Executive Chairman
of the World Economic Forum



MORROW

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Hello, Mr Slabbert



it's now free to
use our app on
telkom mobile



Our app is the most convenient and affordable way to bank.



Did we also mention that Telkom Mobile subscribers now join those on Vodacom, MTN and Cell C in paying zero data fees when using our app for banking?

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Standard Bank is closing more than 100 branches - here's the full list

Business Insider SA

Jun 04, 2019, 05:38 AM



Standard Bank.

TODAY'S
OR TOMORROW





Hello,

I do know your passwords (check this email subject for one of the passwords), I do know about your daily life, I do know about your internet activities but you do not know anything about me, and you must be wondering why you are getting this email, right? I installed a malware on the adult (porn) website and guess what, you visited this website to have fun (you know what I mean!). While you were watching the porn, your web browser started functioning as an RDP+keylogger, which gave me access to your display screen and camera. Right after that, my software collected all of your contacts from your Facebook account, Messenger account, and email account, then, **I created a double screen video. The first part shows the video you were watching (you have a nice taste lol), and the second part shows the recording of your camera (it is you!).**

You have two options -

1. First option is to ignore this email. In this case, I will send the recorded video clip of yours to all of your contacts and just imagine the humiliation you will feel from this. Don't forget that this can also affect your relationship as well.
2. Second option is to pay me \$1000. We will call it a donation. In this case, I will right away delete your video and all of your information I have about you (including your contact lists) and you will never hear from me again. You can continue your daily life like this never happened.

You will make the payment via Bitcoin. If you do not know about Bitcoin, search Google for "how to buy bitcoin". You can also get the Bitcoin from sites like Bitstamp, Coinbase, Kraken, Localbitcoins, etc.

Bitcoin (i.e. BTC) address to which you need to send is -

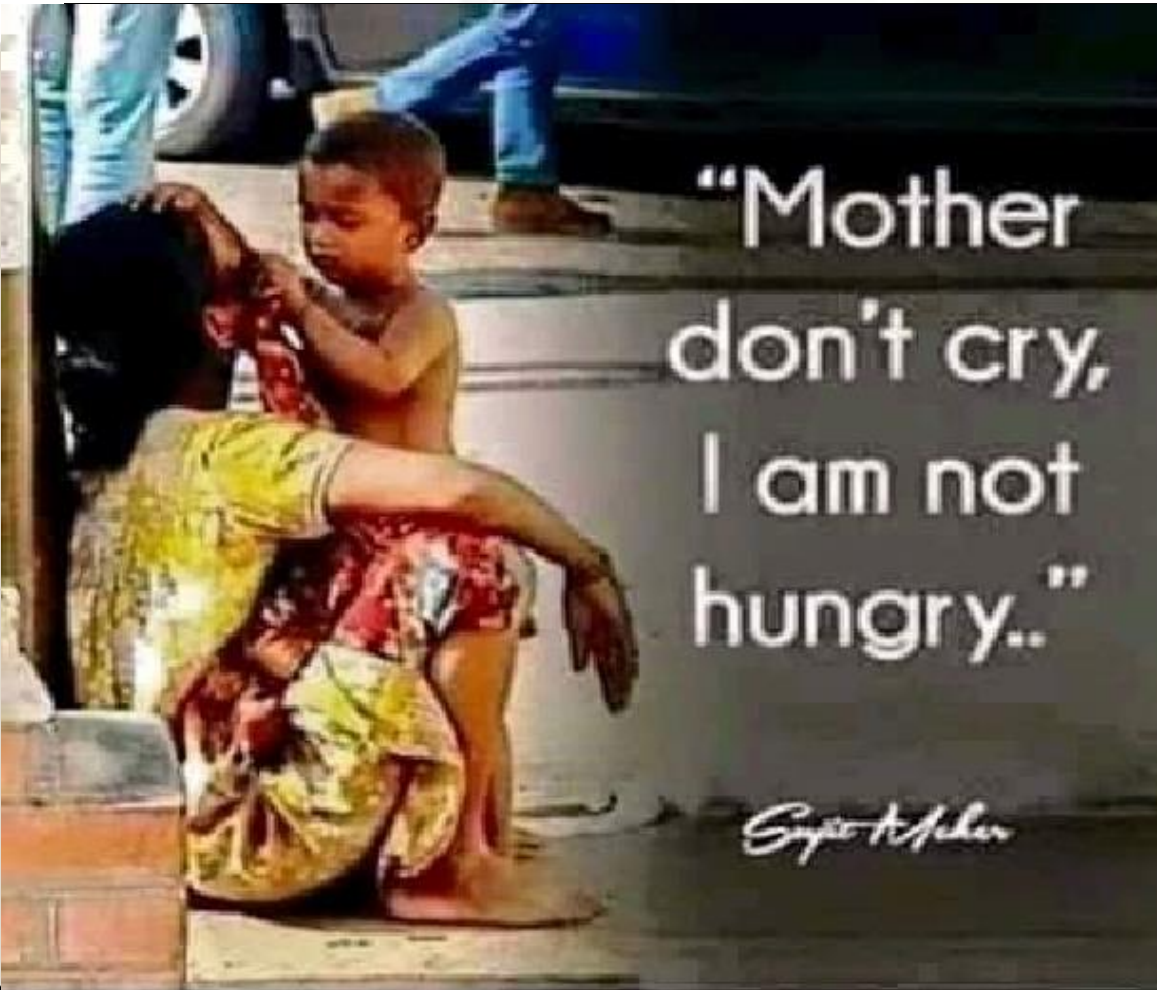
113ioG4RFd9pRVfJVKauCbg7QH3oUe6URa

It is Case-Sensitive, so make sure to copy and paste it. or, you can also scan this QR image to get the BTC

WHAT IF WE IGNORE THE FOURTH INDUSTRIAL REVOLUTION..



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Chinese Factor

Spaniards

Import of Skilled people

WORKERS FOR TOMORROW

Growing unemployment

Growing ??????

Slaves ?

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WHAT NOW ???

The province must develop a Pro Active Integrated Framework Strategy on how to approach the exiting challenges that comes with the 4th Industrial Revolution...

OR

Face the consequences of ignoring this phenomenon and allowing the explosion in technology, and the rest of the world to enslave us into poverty and becoming prostitutes where everyone will come and TAKE - Take our land, our resources, our Infrastructure and leave us with NOTHING but hunger, shame and poverty

IDEAS ??????

**HIGHEST MANDATE FROM THE PREMIER OF THE PROVINCE TO INTERVENE –
RESEARCH AND MAKE PROPOSALS TO CAPATILISE ON INDUSTRY 4.0
TO WELCOME THIS IS THE MOST AMAZING OPPORTUNITY IN RECENT HISTORY.**

**ESTABLISH a high level TASK TEAM which will be responsible to infiltrate ALL
spheres of Government and industry in the Free State Province – to make proposals to
the Premier, Chief Directorate and HOD's of various departments in activities related
to Industry 4.0.**



LEADERS IN CLOSING THE SKILLS GAP

**THANK
YOU !**

