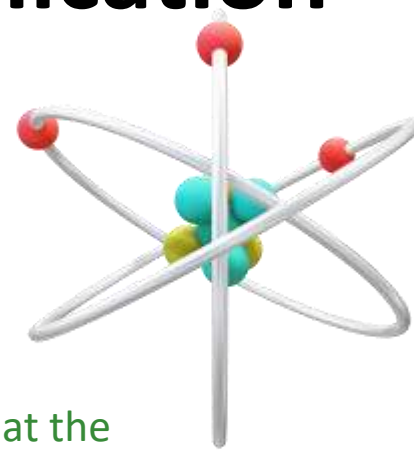


# FSA virtual and augmented reality chainsaw training application



A Presentation made at the

**Forestry Training Indaba**

Pietermaritzburg, South Africa

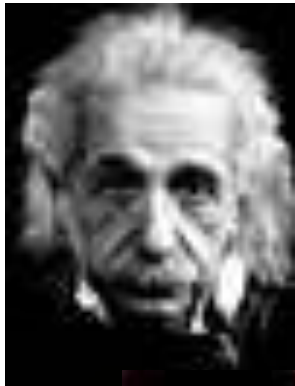
**05<sup>th</sup> October 2018**

by:

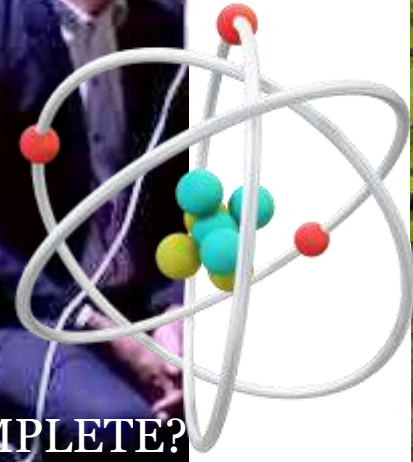
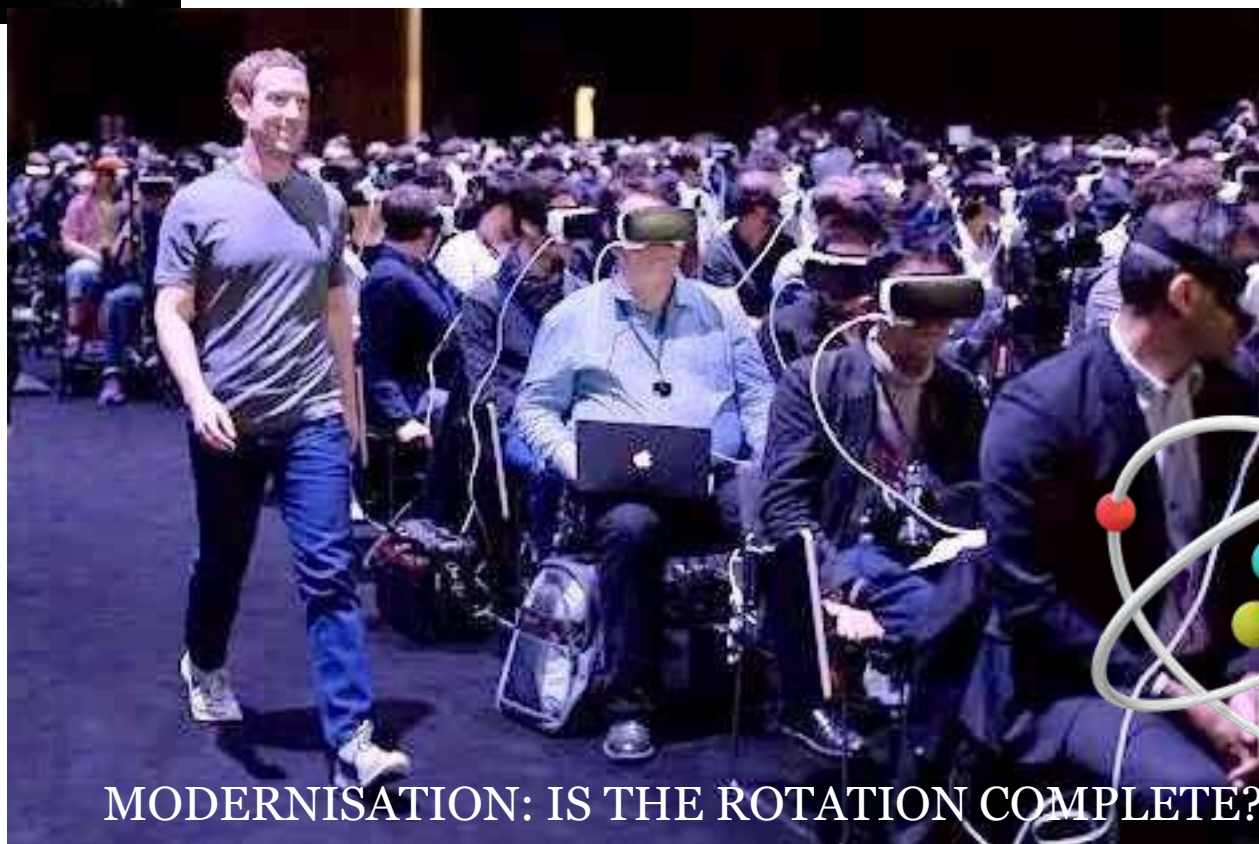
**Norman Dlamini**

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**FORESTRY SOUTH AFRICA**



**“The world as we have created it is a process of our thinking. It cannot be changed without changing our thinking.”  
— Albert Einstein**



**MODERNISATION: IS THE ROTATION COMPLETE?**



# The world is changing...

- Uber can get you to the closest medical centre before your fastest Ambulance



VS.



- A pizza will be delivered in your home before the police come in after reporting a crime



VS.



- The Banks can tell you more about criminals before the PA



VS.



# Challenge

## Skill/Competence



## Injuries & fatalities



## Cost of training



## Accessibility of training



# Solution



# From Gaming to Training

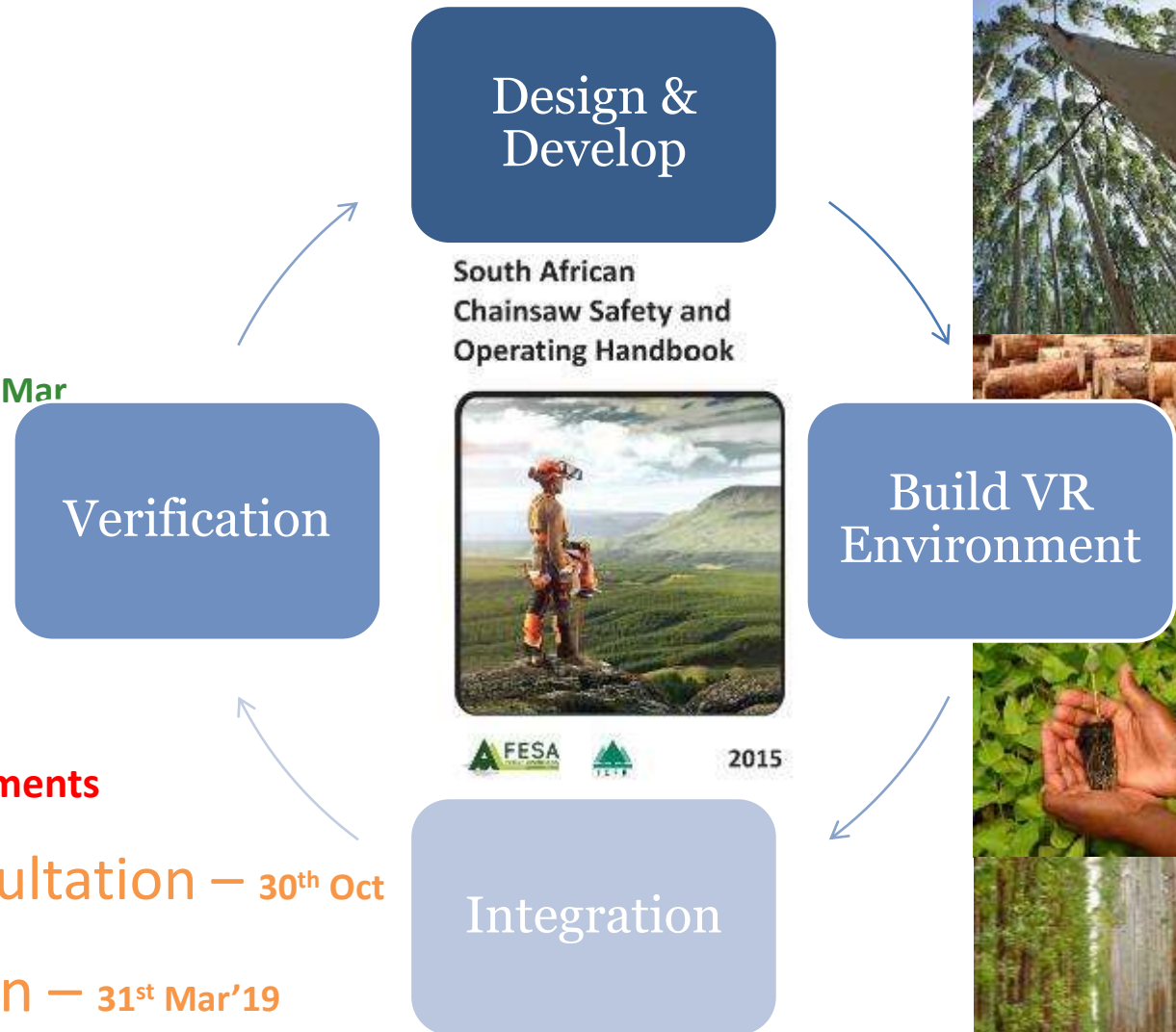


# Partners



# Progress

- **Speak Geek?**
  - Appointed – 19 Jan 2018
- **Sprints**
  - Hardware assembly – 2<sup>nd</sup> Mar
  - Home scene – 02<sup>nd</sup> Mar
  - Felling – 28<sup>th</sup> May
  - Debranching – 23<sup>rd</sup> Mar
  - Cross-cutting – 21<sup>st</sup> Jun
  - Maintenance – 17<sup>th</sup> Aug
  - **Tools & cutting attachments**
- **User groups consultation – 30<sup>th</sup> Oct**
- **Final modification – 31<sup>st</sup> Mar'19**





# Project Steering Committee

- Andie
  - John
- 
- sappi**  
Inspired by life



- Lynne
  - Nathi
  - Norman
- 
- BIZVANTAGE**  
ADVISORY SERVICES



- Roger
  - Shamim
- 
- Husqvarna**  
Global leader in outdoor power products



- Simon
- 
- ICFR



# Project Steering Committee

- Andie 
- John **Inspired by life**



- Lynne 
- Norman



- Roger 
- Shamim **Global leader in outdoor power products**



- Simon 



# Thank You

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- |            |                |               |               |                         |              |            |            |             |
|------------|----------------|---------------|---------------|-------------------------|--------------|------------|------------|-------------|
| Amakhaya   | Amahlathiwethu | Athole        | Brooklyn      | Clare                   | Craigburn    | Donderhoek | Driehoek   | Emaphepheni |
| Ezakheni   | Ezimakade      | Fhuluphelo    | Green Valley  | Imizamoyethu            | Ingogo       | Jabulane   |            |             |
| Konanani   | Libhaba        | Mahongwane    | Masibambaneni | MATMT                   | Mhlongomvula | Mkhondo    | Mokubulaan |             |
| Msibi      | Ozwathini      | Ratomobo      | Ntithane      | Paulpietersburg Timbers | Sizabantu    | Sukumani   | Suzzanahof |             |
| Tshitongwe | Ukhalokamsithi | Umzimkhulu GA | Vezipilo      | Vhembe Mbofhanu         | Zamokunzima  | Zaihoek    |            |             |



**FORESTRY SOUTH AFRICA**  
 Growing Together / Sikhulisa Ndawonye