

MECHANISATION & MODERNISATION

In the Forestry Value Chain **Reaction**

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6 November 2013





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**Always better
on the Big
Screen!!**



WHAT WENT WRONG?

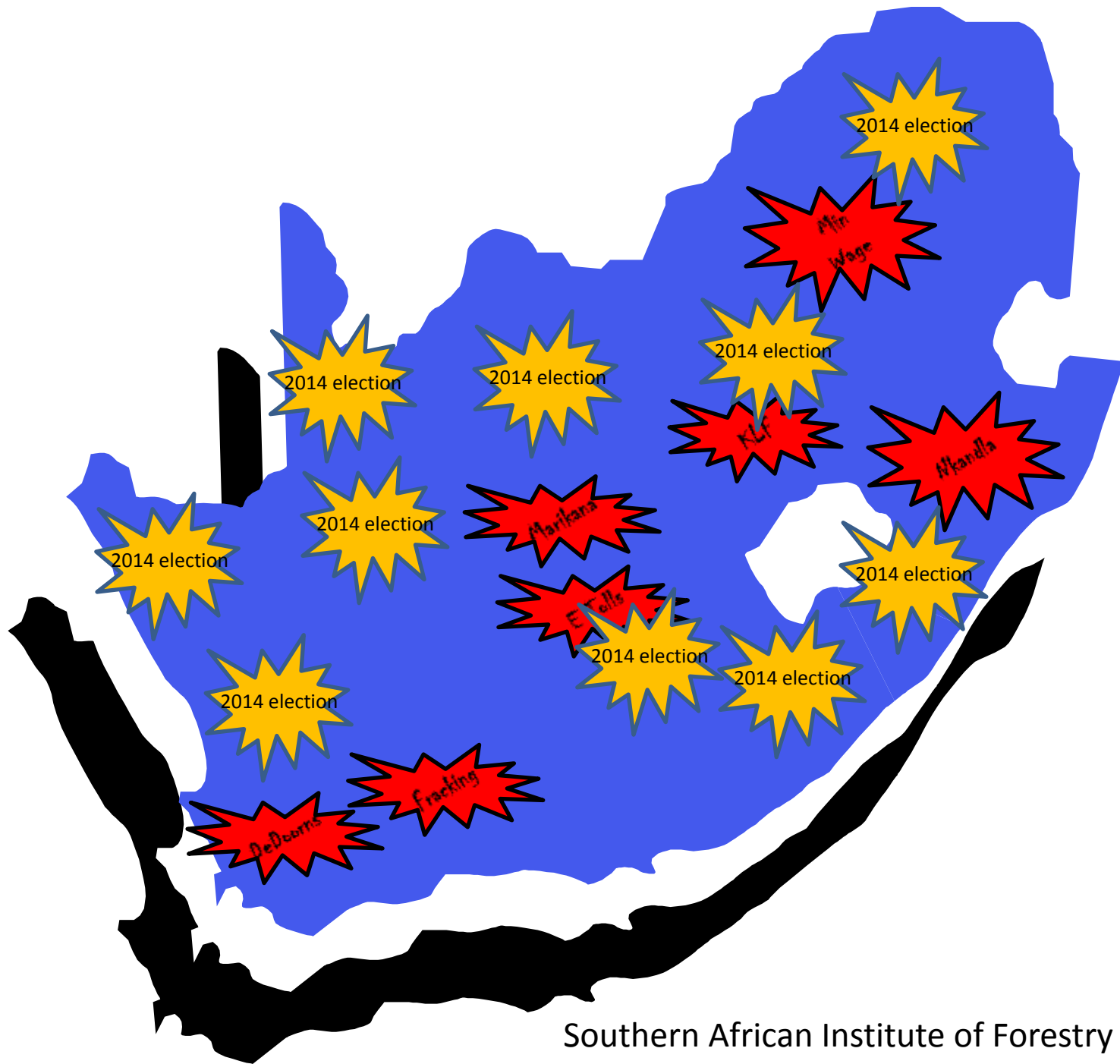
DRIVERS

- distracted
- unhealthy
- not qualified
- did not know the terrain
- careless

TRUCKS/FREIGHT

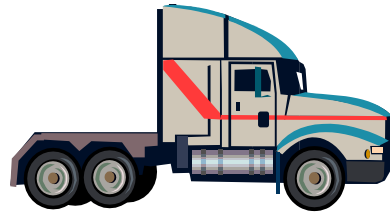
- not roadworthy
 - badly loaded
- dangerous freight
 - unsafe
- wrong location/route



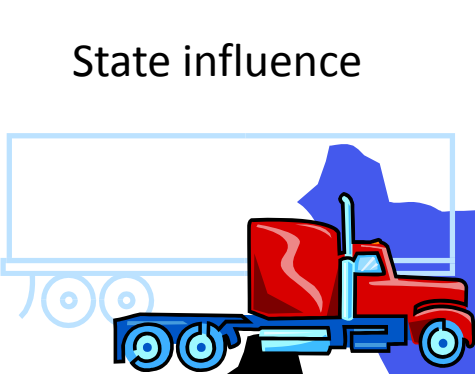




Social
awakening



State influence

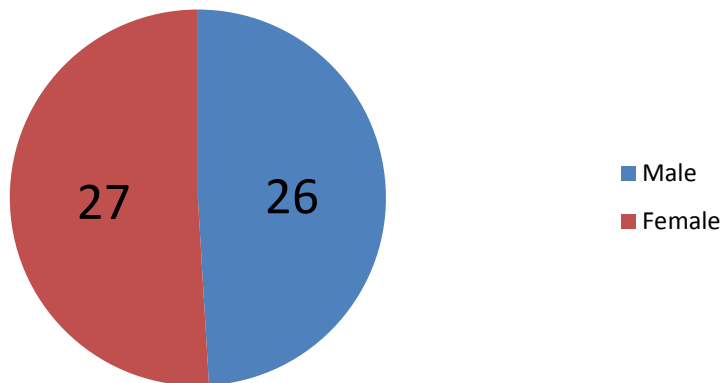


Commercial
forestry
enterprise

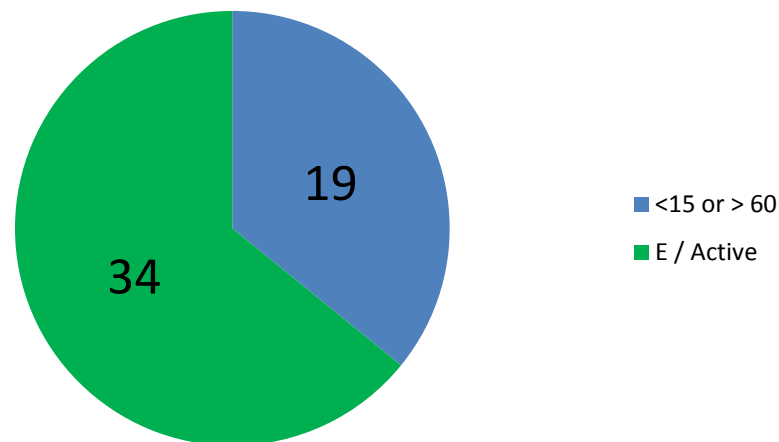


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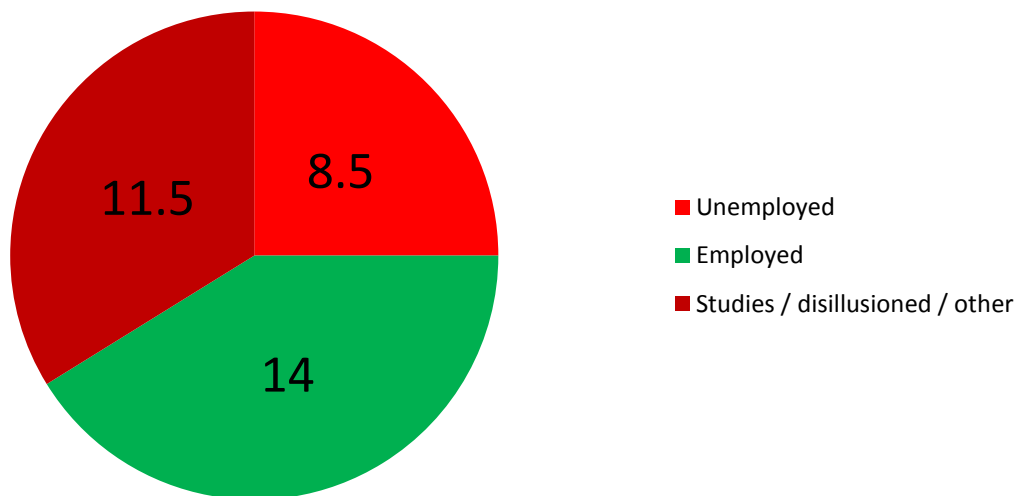
Gender breakdown of population 53 million



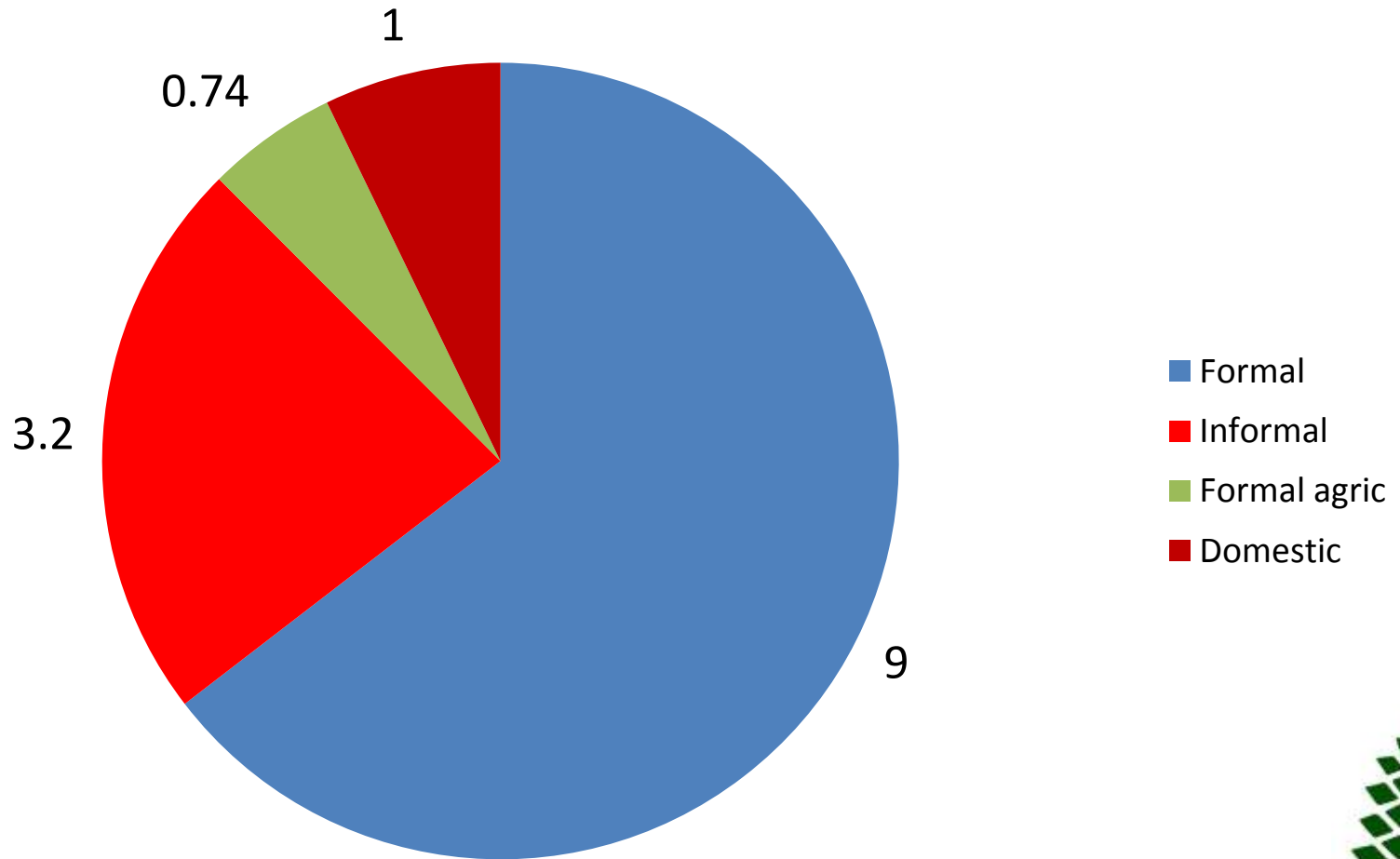
Age distribution of 53 million people

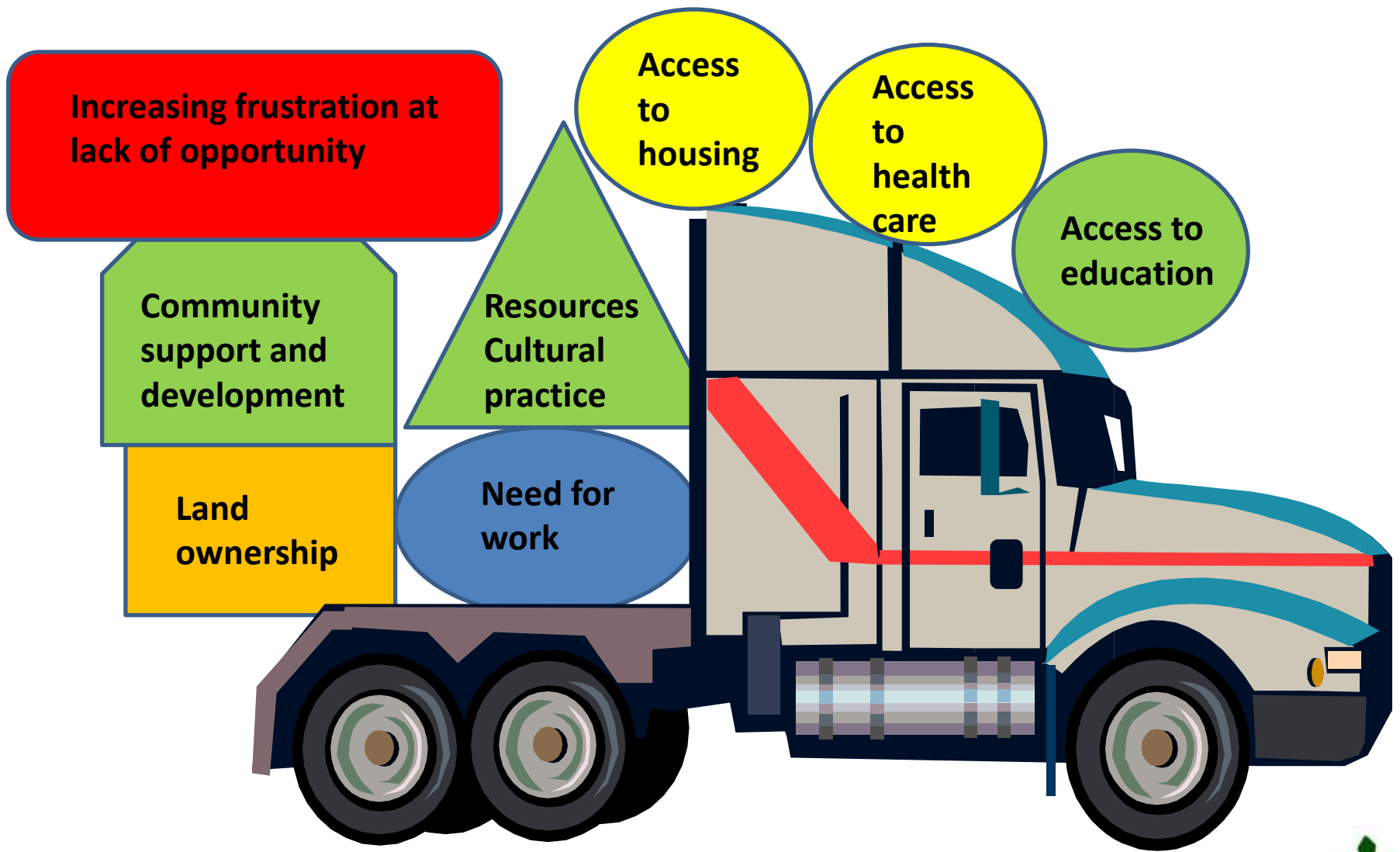


Employment data 34 million "potentially" employable people



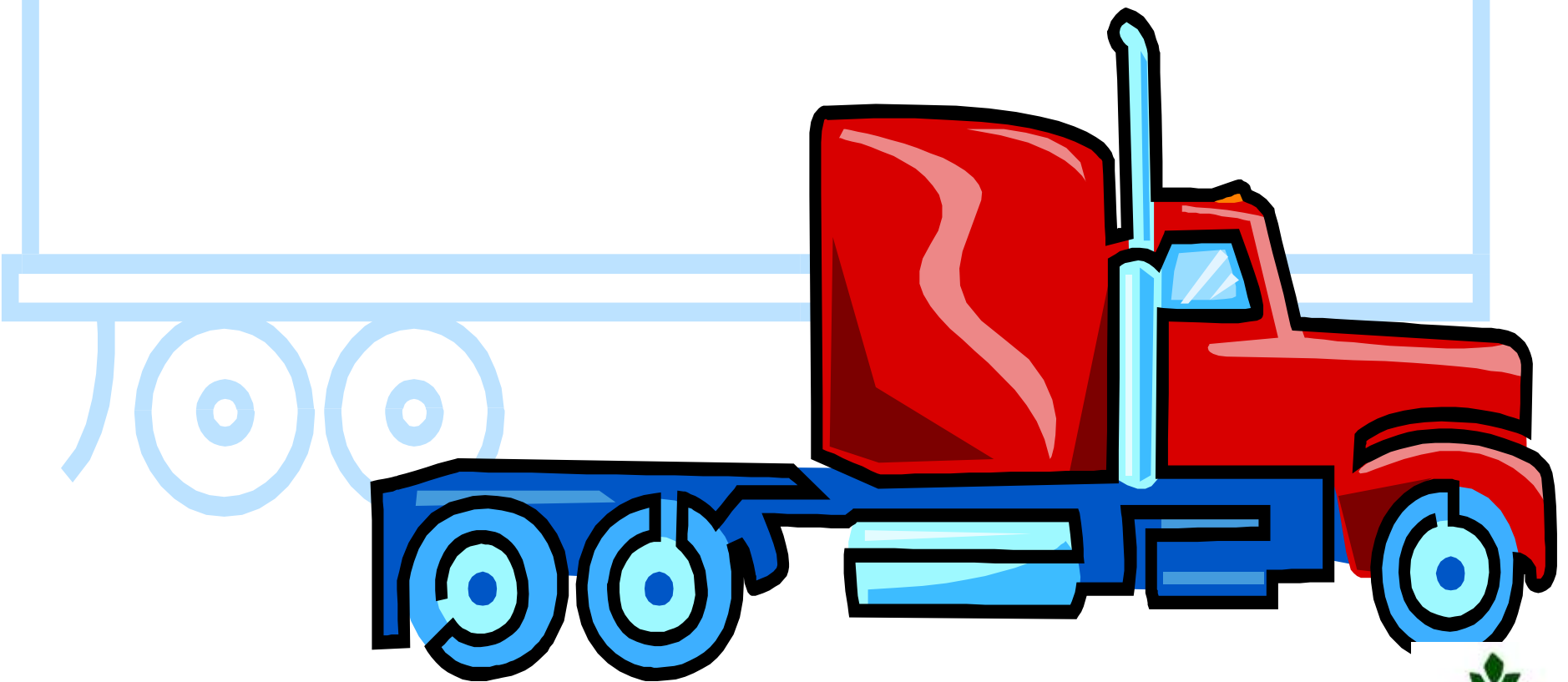
Employment distribution of 14 million employed people





Social awakening truck





State influence

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**Water
licenses**

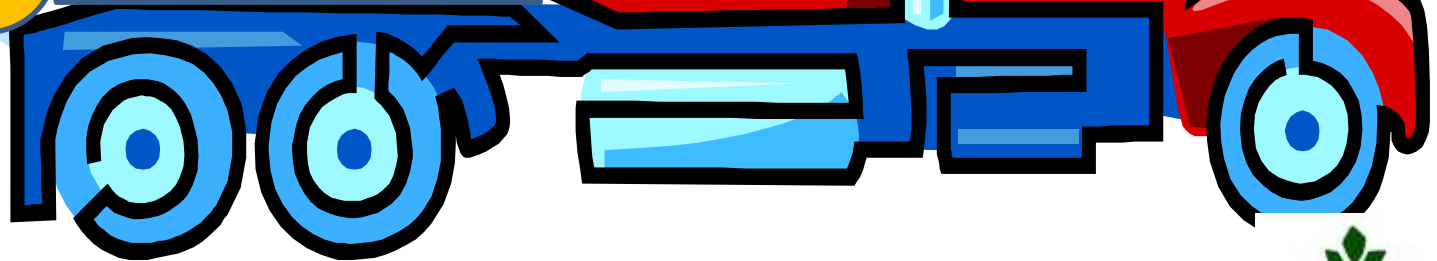
**State
agendas**

Support

Minimum wage

**Approach
to BBBEE**

**Land
reform
process**



State influence

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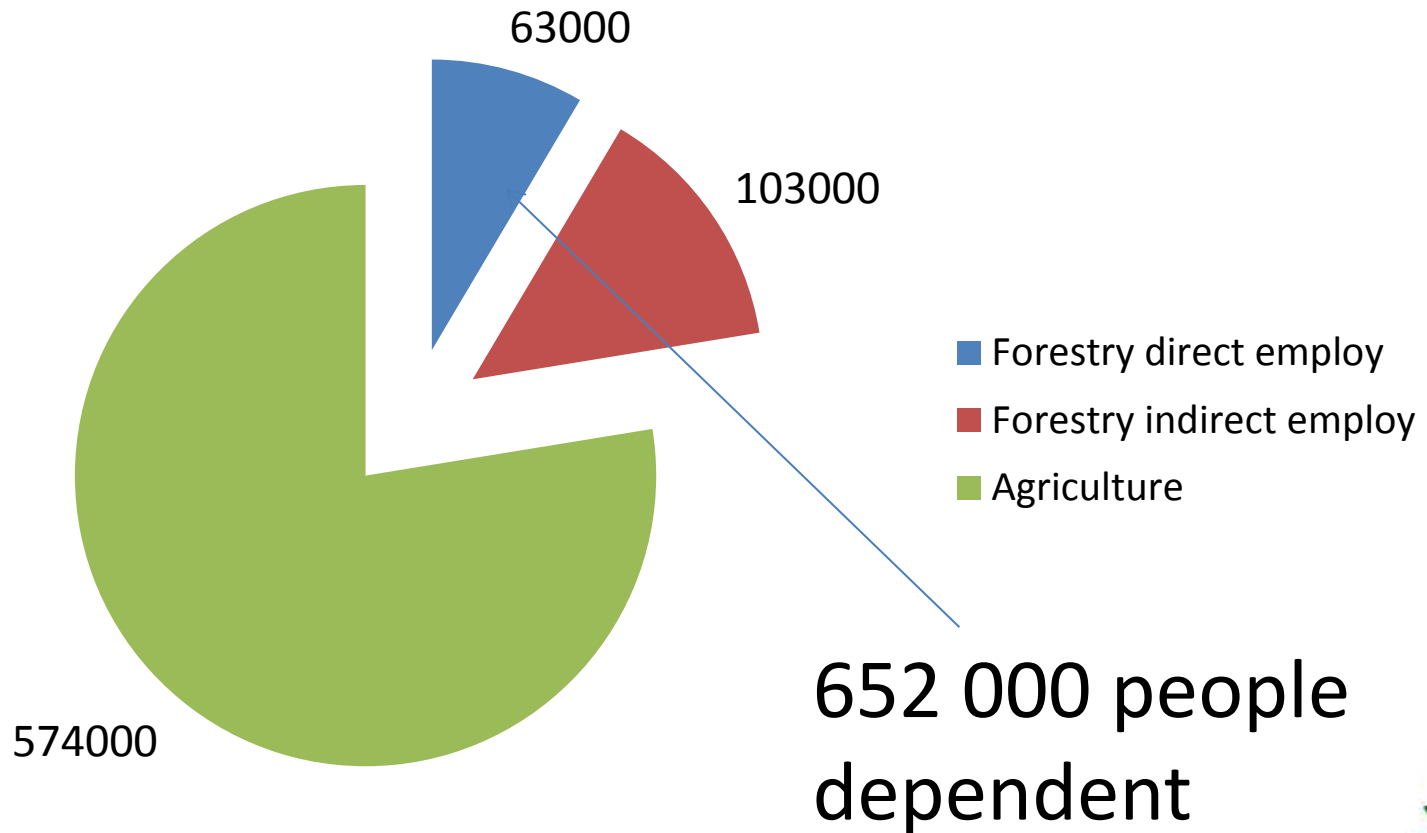


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Breakdown of people employed in agricultural type sector



MECHANISATION

Improving production and
sustainability



Efficient mechanical
implements

Systems

Equipment



MODERNISATION

ENSURE INTERNATIONAL COMPETITIVENESS



Good Practice



Sustainability



Performance standards

- Lower operational costs
- Safer workplace
- Decent work /higher skills/ ergonomics
- Consistent & efficient workforce
- Long term relationship with contractors

Zero harm in the workplace

Retrench ? = Retrain and redeploy



Why would we deploy the tools of mechanisation and or modernisation?

- **Safety of the workforce**
- **Unreliability of rural labour**
- **Poor health and nutrition**
- **Tough work on the body**
- **Very restrictive labour legislation**
- **Unionisation of labour**

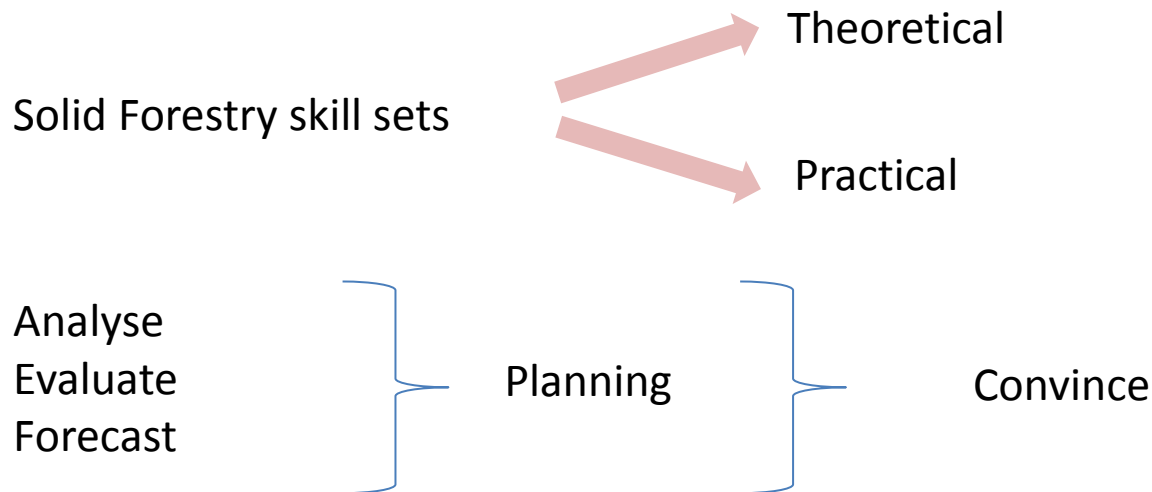
Efficiency of mech
ops!!

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SKILLS SETS AND ATTRIBUTES

- Team ~~X~~ player
- Self ~~X~~ starter
- Can operate ~~X~~ under pressure
- I really need ~~X~~ the job



ACCOUNTABLE

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**Before loading and
setting out**

**Employ the best
Analyse and assess
Consult and involve (internal and external)
Search for opportunity
Implement appropriate change at an
appropriate level
Be accountable for the change**



**Commercial forestry
enterprise**

**If it ain't broke..don't
fix it!**



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- distracted
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TRUCKS/FREIGHT

- not roadworthy
 - badly loaded
- dangerous freight
 - unsafe
- wrong location/route



WHAT WILL GO RIGHT?

DRIVER/STAFF

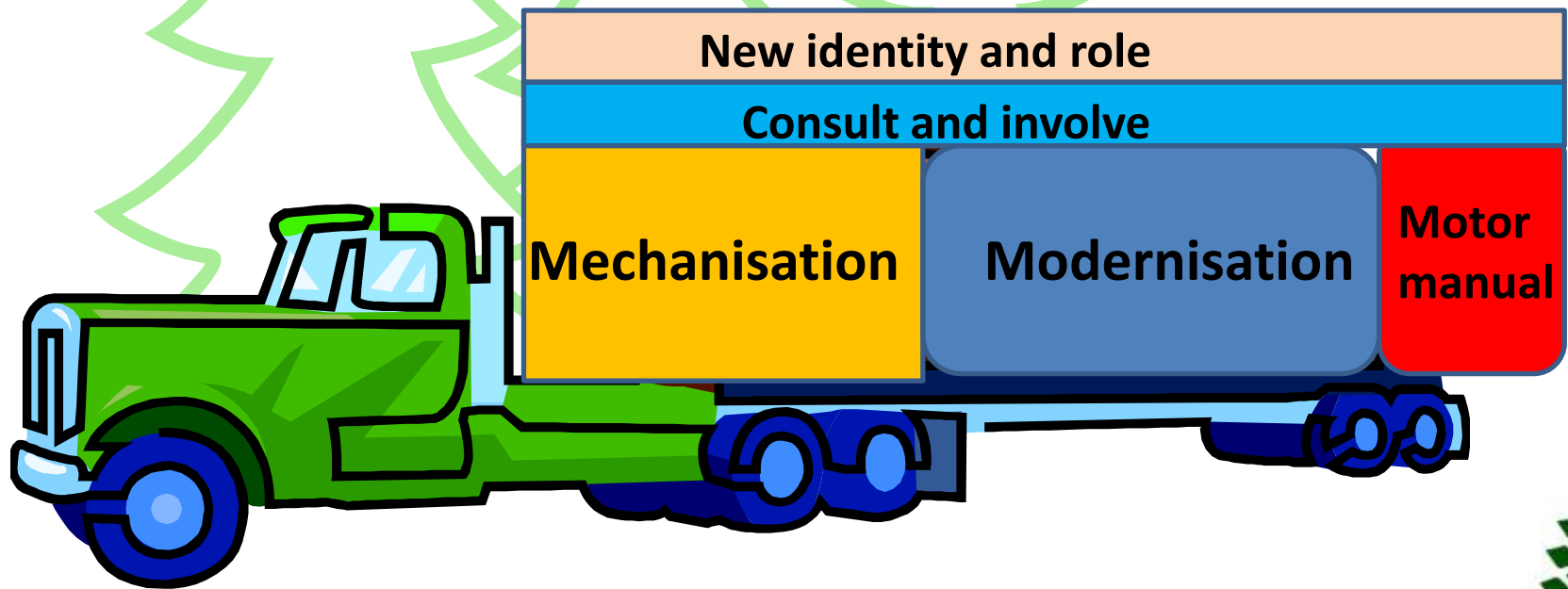
- Focussed
 - Fit
- Qualified
- Know terrain and communities
 - Careful
- Accountable

TRUCK/FREIGHT

- Roadworthy
- Well loaded
- Freight safe and stowed
- On the right route



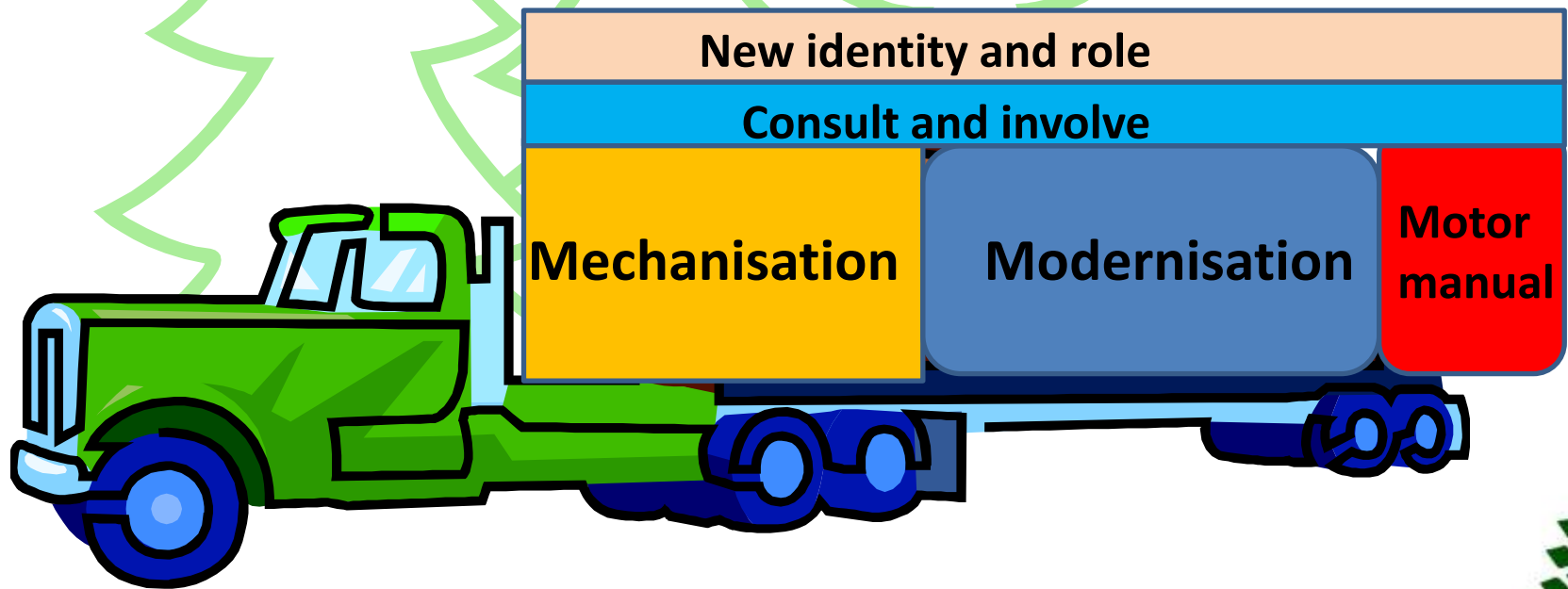
We have choices on what
to load up



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We have choices on what
to load up



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Communities are no longer just neighbours to our enterprise.

- They are owners,
- landlords,
- stakeholders,
- service providers,
- clients,
- dependants
- and most importantly have to become and remain our friends!



