



FOUNDATIONS FOR FARMING

Socio-Economic Aspects of Production (A Plan for the Poor)

ARGE Danube Countries and Working Group
Conference

Tulln - Austria

26-27 March 2014



FOUNDATIONS FOR FARMING

SOCIAL PRODUCTION (“SOPRO”) – AUSTRIA

FRANZ , BERNHARDT & DR ERWIN

- Connecting with People from Normal Enterprise
- With Social Outreach (Handicapped/Unemployed)
- Not only Those without Money
- But with Those without Hope
- And Those without Work
- Producing Items/things that People want/need
- Appreciation – Corporate Social Responsibility



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LOWER AUSTRIA and The DANUBE REGION

MY THIRD VISIT

- A beautiful country with genteel people
- FfF has been called to many nations & continents
- Message for these times
- Zimbabwe as a model into Africa









Banking & Retail Banking



Corporate Banking. Tre





STARVING
BILLIONAIRE





African minerals

This map of Africa displays the distribution of various mineral resources across the continent. Countries are labeled with their names in all caps. Mineral resources are indicated by colored dots: yellow for Asbestos, orange for Bauxite, black for Coal, pink for Copper, purple for Copper Cobalt, blue for Chrome, green for Diamonds, brown for Gold, grey for Graphite, light green for Natural Gas, light yellow for Iron, red for Lead-Zinc, light pink for Lithium, light blue for Manganese, dark blue for Petroleum, olive green for Phosphates, dark grey for Tin, dark green for Tantalite, and light green for Uranium. Orange shaded regions represent priority zones for mineral development. The map also shows the Atlantic Ocean to the west and the Indian Ocean to the east.

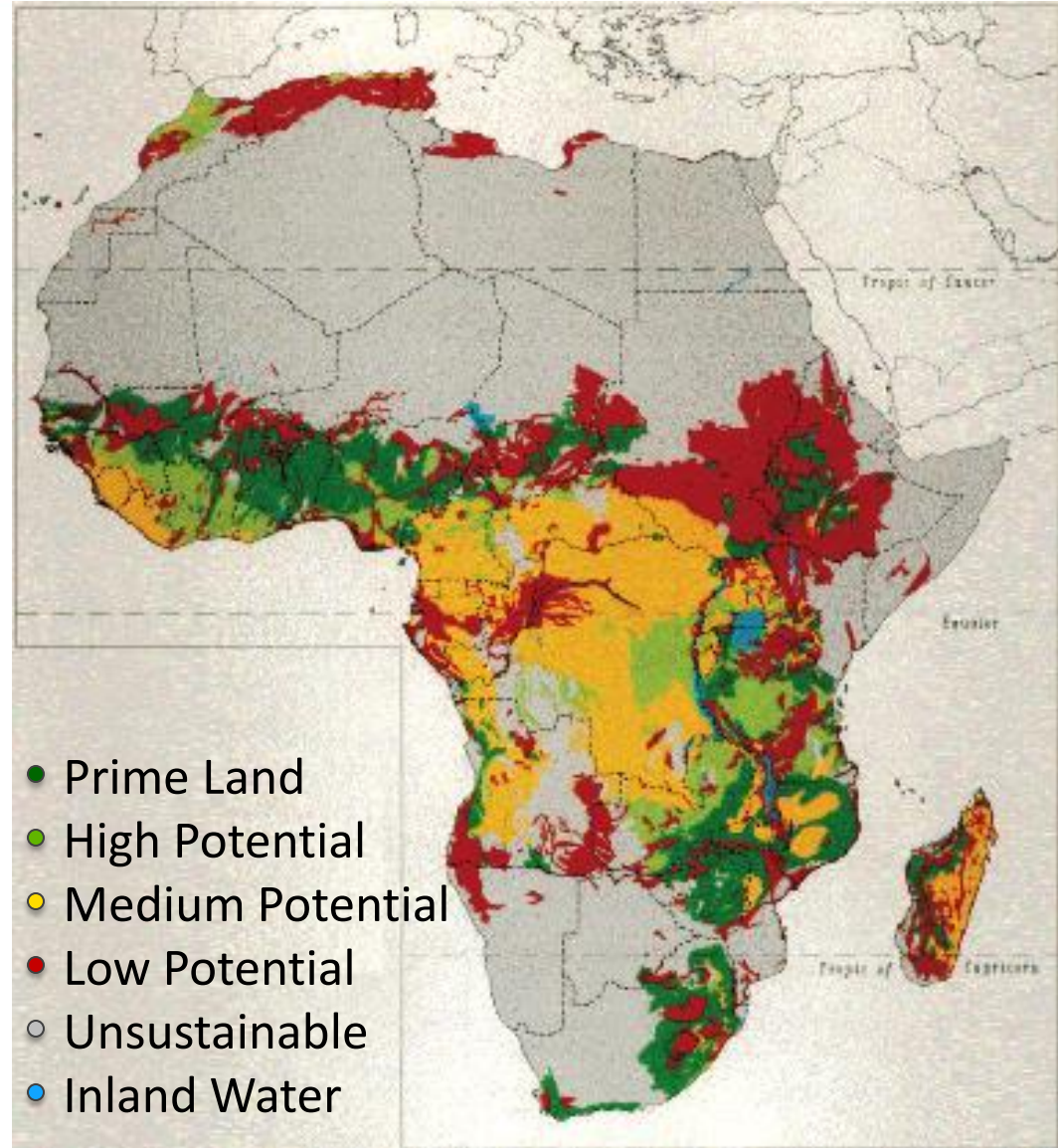
Legend:

- Asbestos
- Bauxite
- Coal
- Copper
- Copper Cobalt
- Chrome
- Diamonds
- Gold
- Graphite
- Natural Gas
- Iron
- Lead-Zinc
- Lithium
- Manganese
- Petroleum
- Phosphates
- Tin
- Tantalite
- Uranium
- Priority zones for mineral development



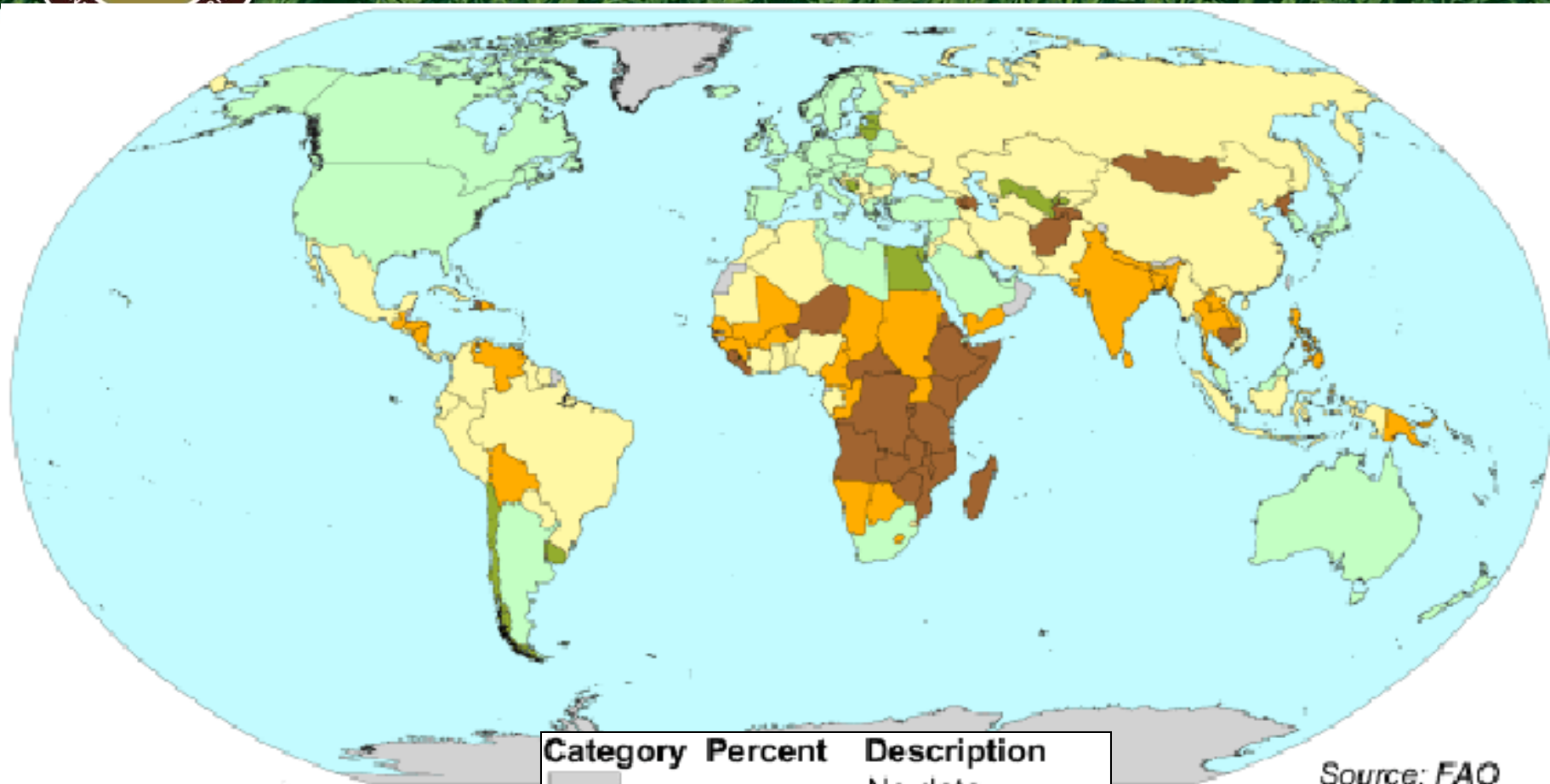
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Agricultural Potential





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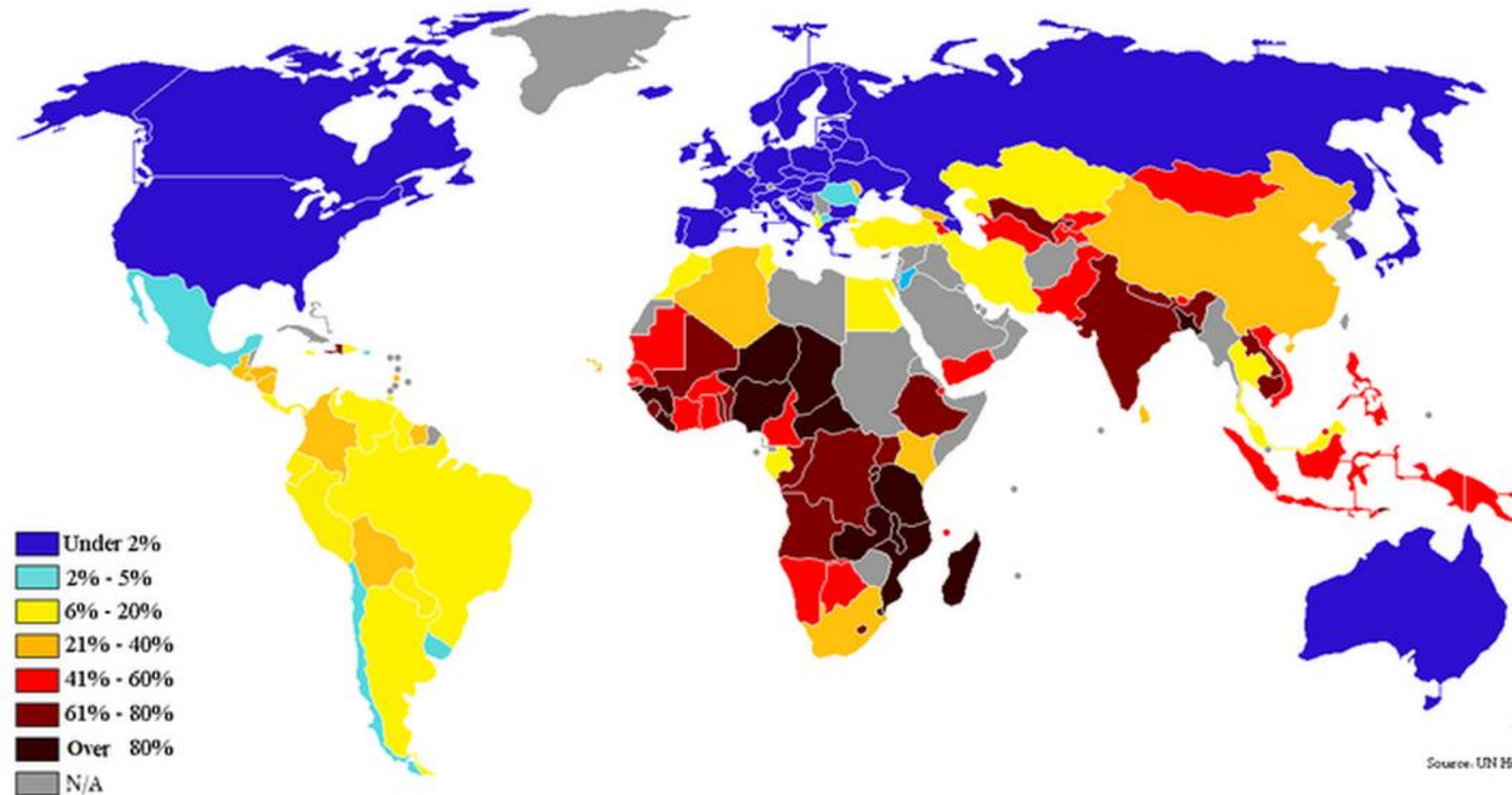
Category	Percent	Description
		No data
1	< 2.5	Extremely low
2	2.5-5	Very low
3	5-20	Moderately low
4	20-35	Moderately high
5	>35	Very high

Source: FAO



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Percentage Population living on less than \$2 per Day



Worlds Total Wealth

223 Trillion Dollars

1 % of World Pop. have 43% of
Wealth (96 Trillion Dollars)

80 % of World Population
have only 6% of Wealth





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People are the Problem

- Previous focus on Biophysics and Biochemistry
- The Need for a Study of Socio- Economic aspects
- Two major Crises in the world (Currently)
 - World Economic Down Turn
 - Climate Change and Environmental Crisis
- People ARE the Problem
- Sociology is a Science (Need for Research)
- Introducing the story of our experience:



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ZERO TILLAGE

30 years ago Started Investigating

The Feasibility of Zero Tillage for Africa

- Farm going out of business (1982/83)
- Yields down & Costs up
- Burning off Crop Residue, Deep Ploughing
- Academic & Extension Community - Negative
- Natural Creation – Sustainable Model
- Experimentation Began - 1983

Simulated Storm Trial

63 mm RAIN

30 Minutes

4% Slope

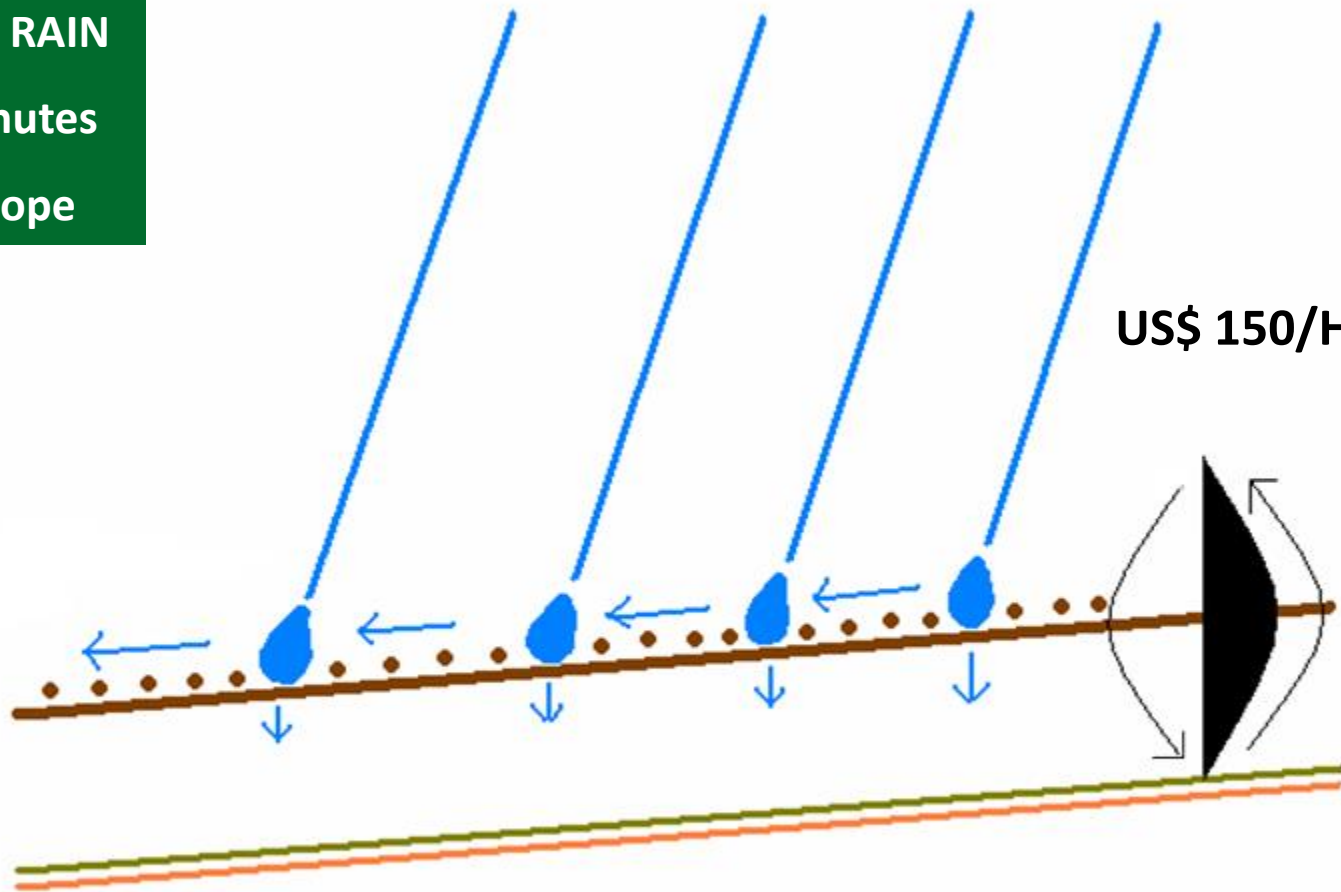
US\$ 150/Ha

90%

10%

28.5 tonnes topsoil/Ha

**Cedara Research Station
KwaZulu Natal**

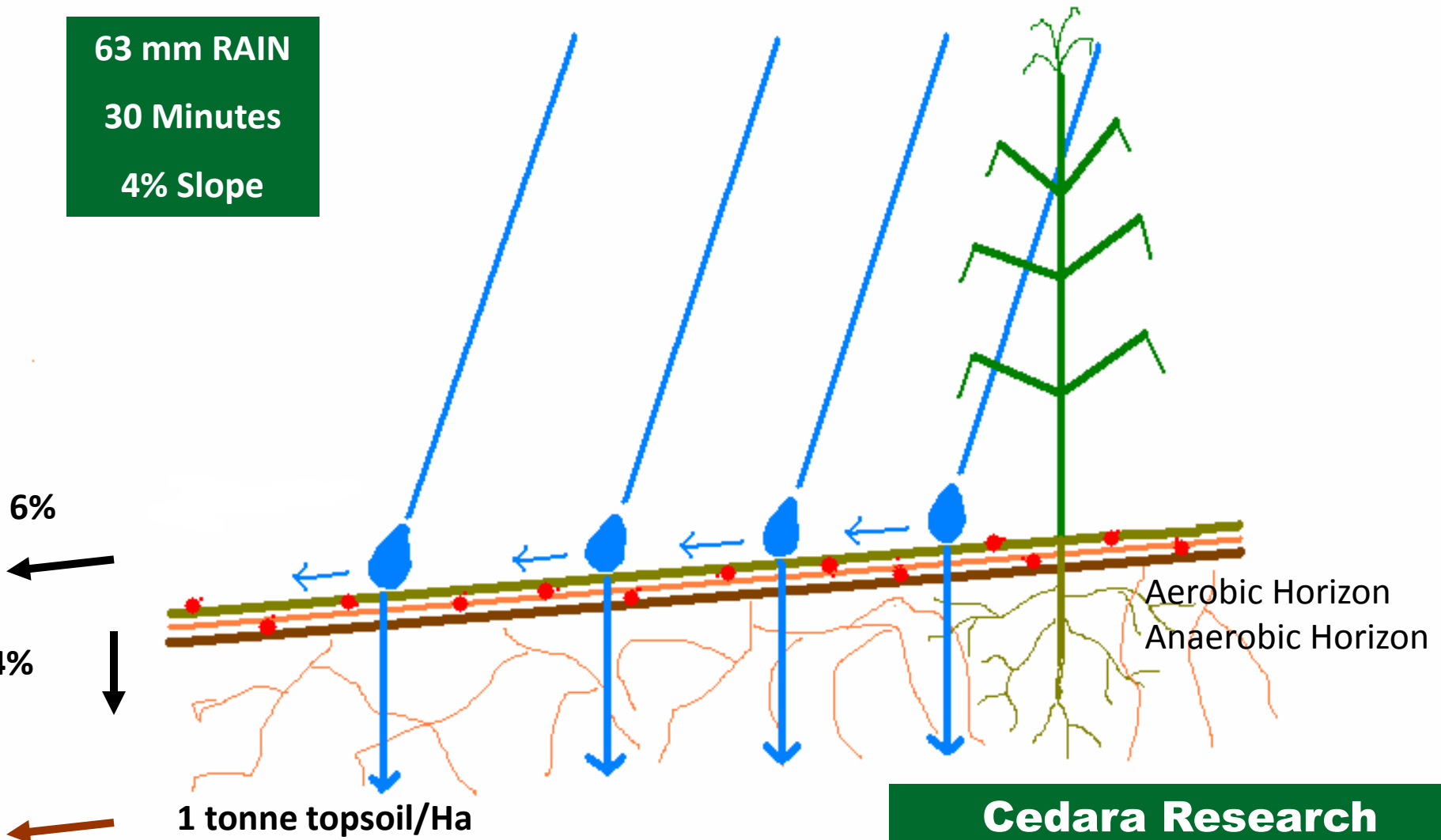


Simulated Storm Trial

63 mm RAIN

30 Minutes

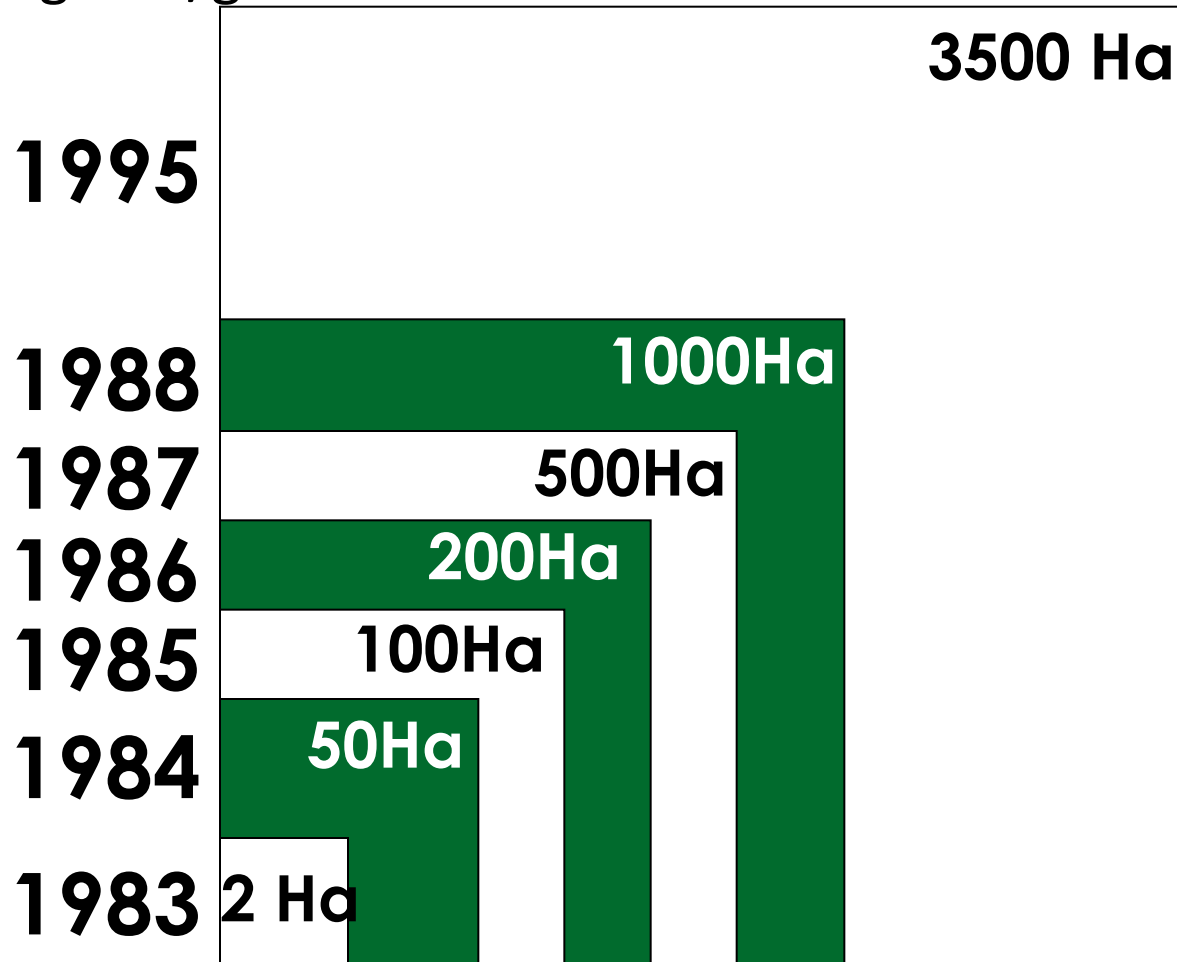
4% Slope



**Cedara Research
Station KwaZulu Natal**

Our Increase

 1,300 wheat; 1,000 maize; 1,000 soya; 200
cotton/sorghum/groundnuts



Yield Results



Yields increased immediately & stabilised

MAIZE 4.5t/Ha < 9.5 t/Ha

SOYAS 2 t/Ha < 3.5 t/Ha

WHEAT 6 t/Ha < 8 t/Ha

COTTON 2.5 t/Ha < 3.5 t/Ha

EARLY TESTS – NO MORE BURNING & PLOUGHING



IMMEDIATE INCREASED YIELDS & REDUCED COSTS





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WE BEGIN SHARING WITH SMALL-SCALE FARMERS

ONE OF AFRICA'S GREAT PROBLEMS

(and for most poor & suffering people everywhere)

WE HAVE TO TRANSLATE THEORY INTO PRACTICE



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IMPLEMENT MANAGEMENT

- On Time



FOUNDATIONS FOR FARMING

IMPLEMENT MANAGMENT

- On Time
- At Standard



FOUNDATIONS FOR FARMING

IMPLEMENT MANAGEMENT

- On Time
- At Standard
- With Minimum Wastage



FOUNDATIONS FOR FARMING

IMPLEMENT MANAGEMENT

- On Time
- At Standard
- With Minimum Wastage

= PROFIT



FOUNDATIONS FOR FARMING

IMPLEMENT MANAGEMENT

- On Time
- At Standard
- With Minimum Wastage
- With Joy

= PROFIT

(The Simplicity OF GOD)



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ONLY TWO OTHER WAYS FOR SURVIVAL
OTHER THAN A PROFIT:

- THE BEGGING BOWL
- THEFT

BOTH END IN POVERTY



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- A SIMPLE TECHNOLOGY
- A SIMPLE MANAGEMENT SYSTEM
- BOTH REMAIN THEORIES UNTIL PRACTICED
- HOW DO WE TRANSLATE THEORY INTO PRACTICE?



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VISITING THE POOR WHERE THEY ARE OBSERVATIONS

- Failed Crop full of weeds
- Hunger – Poor Health and little energy
- Lacking Self Worth
- In Captivity to Poverty – Hopelessness
- Inability to even listen to theory
- Only Answer they have is the **Begging Bowl**



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IN AFRICA WE LEARN BY STORY-TELLING

- Inability to even listen to the story
- How do we get them to listen?
- “As you measure, it will be measured to you”
- **Listen to their story first!**



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OPENING THE BLOCKAGE

- They are waiting to tell their story
- Your Pity = The Begging Bowl
- Just waiting for an opportunity
- Meet them where they are - (Accept them!)
- “HOW ARE YOU?”
- They pour out their problems
- We **Listen** and **Listen!**
- **THEN** we tell them **Our Story**



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4/1/2014



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Wheat Variety Trials





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Grassroots Trainers



Grassroots - TWR Programme





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SOCIAL PRODUCTION (“SOPRO”) – AUSTRIA

FRANZ RYBACZECH, BERNHARDT KUDERER

- Connecting with People from Normal Enterprise
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- Making Items that People Want
- Appreciation – Corporate Social Responsibility



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THE POOR ARE INCREASING ALL OVER THE WORLD

- The situation is bound to get worse
- Climate Change & World Food Supply
- The need for a European Secular/Christian Model
- Could a Danube Nation be a Test Case?



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THE NEED FOR A MODEL TRAINING/DEMO STATION

- Less contaminated by World Moral Degeneration
- Strategically placed
- Remarkable openness to hear different viewpoints



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HOW CAN THIS APPLY TO THE DANUBE REGION?

- Identify the poor in the nation (Who and Where?)
- Support establishment of a Training/Demo Centre
- Encourage Studies & Theses on the subject



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A SUGGESTED APPROACH

- If People are the Problem
- Must be a Problem of Attitude & Character
- A Root Cause Analysis is necessary
- Root Cause of Most Problems is **SELFISHNESS**
(Wars, Crime, Violence, Pride, Greed, Immorality, Envy, Corruption, Materialism, Consumerism, Poverty, Hunger, Suffering etc.)
- The ANTIDOTE must be **UNSELFISHNESS**



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SOME OF OUR EXPERIENCE OF HOW TO DEAL WITH THE INHERANT SELFISHNESS OF MAN?

- Acknowledge it as the Problem
- Acknowledge that it is getting worse
- Increased Legislation has not helped
- Discern the Cause and Source of Selfishness
- Materialism & Consumerism
- Greater and greater Self Indulgence
- Moral Breakdown



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WHAT WOULD A DANUBE STATION LOOK LIKE?

- Growing things is naturally Therapeutic
- Select a piece of ground in a Prominent Place (1 ha)
- Visual Impact is important
- Demonstrate beauty of “Orderliness & Standards!”
- Show the dynamic of “Faithful with Little”
- Demonstrate the “Hope>Joy>Strength” miracle
- Show how God chooses the “Weak & the Foolish”
- The power of a “Humble & Unselfish Servant Heart”



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A NATION AND A CONTINENT CAN BE HEALED

- The Mental, & Physical Health levels lifted
- The Moral Standards of AFRICA can be lifted
- The Index of Unselfishness can be lifted
- A nation which can cope with the Times to Come



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THANK YOU!

(BRIAN OLDREIVE - FOUNDATIONS FOR FARMING)

Email: brian@foundationsforfarming.org

www.foundationsforfarming.org



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GOD'S PLAN FOR THE POOR

ISAIAH 58 (God's Rebuilding Blueprint)

THE FIVE STAGES:

The Micro Level (The Poor where they are)

The Macro Level (The Nation)

The Continental Level (Africa)

The World (The Poor are increasing everywhere)

The Times and Season



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AFRICA JUBILEE PRAYER SUMMIT

Addis Ababa

18-20 March 2014



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THE LORD'S STORY FOR MY LIFE

Early Days

Salvation

Conviction

Food

Testing

Revelation

God's heart for the poor



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THE SIX STAGES OF GOD'S PLAN FOR THE POOR

THE POOR WHERE THEY ARE

THE NATION (Zimbabwe)

THE CONTINENT (31 Countries in Africa)

THE WORLD (India, Europe, UK, Canada, Mexico,
USA, The Caribbean, Australia, Central China,
South America, Indonesia)

THE FAITHFULNESS LINE

THE END-TIMES (PREPARING THE BRIDE)



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THE HOPE

JESUS

GOD'S PROTECTION

PSALM 41: 1-3

Economic Breakdown

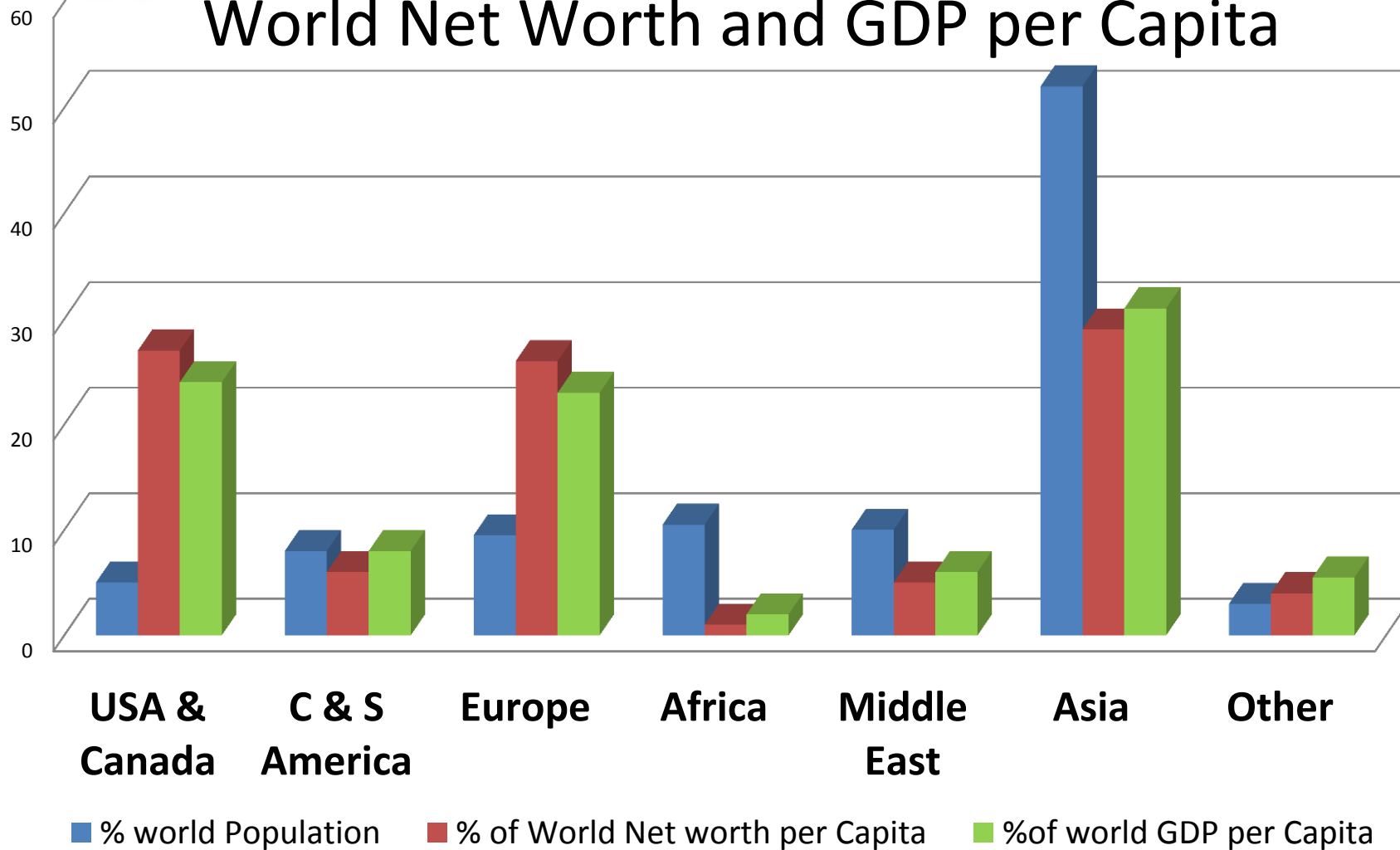


- **1980** US\$1 : Z\$1
despite 10 years of bush war & international sanctions
- **1980-2002** US\$1 : Z\$16
- **2001** Gov loses the vote on constitutional change
- **2002** land redistribution act begins
- **2002-2009** land forcefully taken without compensation
5,500 commercial farmers > 100 > 50
- **2002-2009** US\$1 : **US\$100,000,000,000,000,000,000,000**
GDP down by +/- 60%
poverty; hunger; disease; no drugs in clinics; no textbooks



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World Net Worth and GDP per Capita





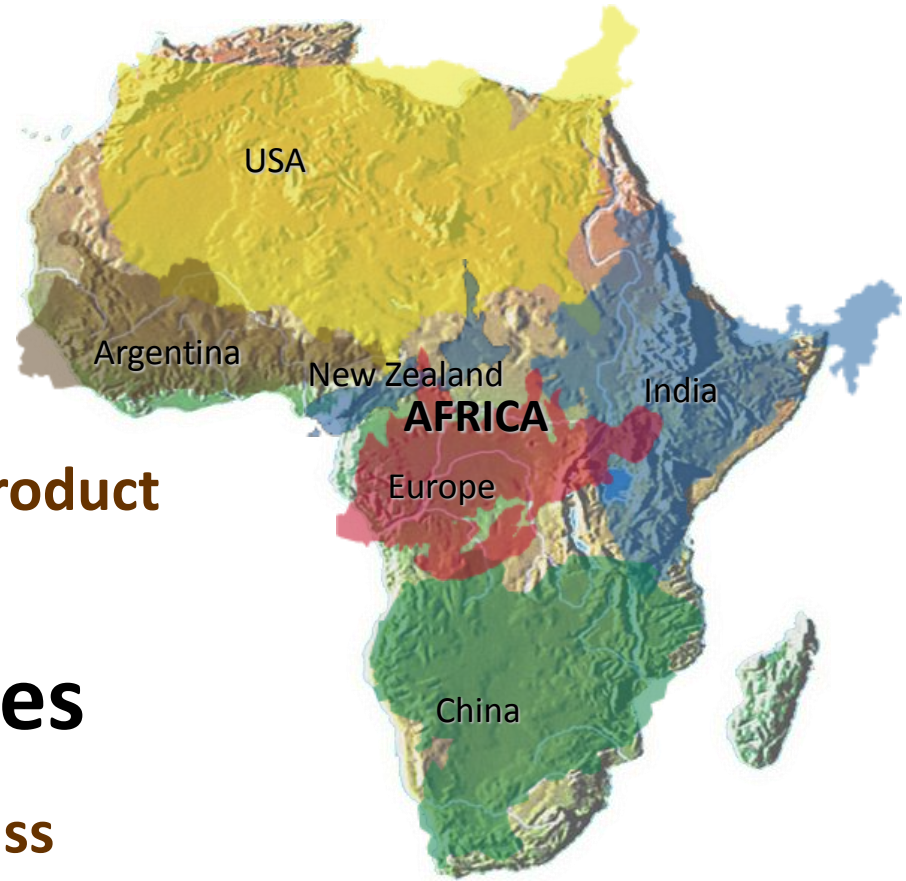
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Africa

- 22.3% of world's total land mass
- 14% of world's population
- 30% of world's natural resources
- 1.8% of world's Gross domestic product

Superimposed Countries

- app. 20% of world's total land mass
- 54% of world's population





3,000,000,000



300

POOREST

RICHEST

Cost Decreased



LAND PREP 75l/Ha > 15l/Ha

DRAUGHT POWER 2 HP/Ha < 2 Ha/HP

Less capital expenditure on machinery,
R&M and fuel

Grew 3,500Ha with less total Horse
Power than 1,000Ha

NO PLOUGHING



NO BURNING !

