

The Lower Austrian Government

Department for Land Development
International Workshop for Soil Science

of the Working community
of the Danube Region

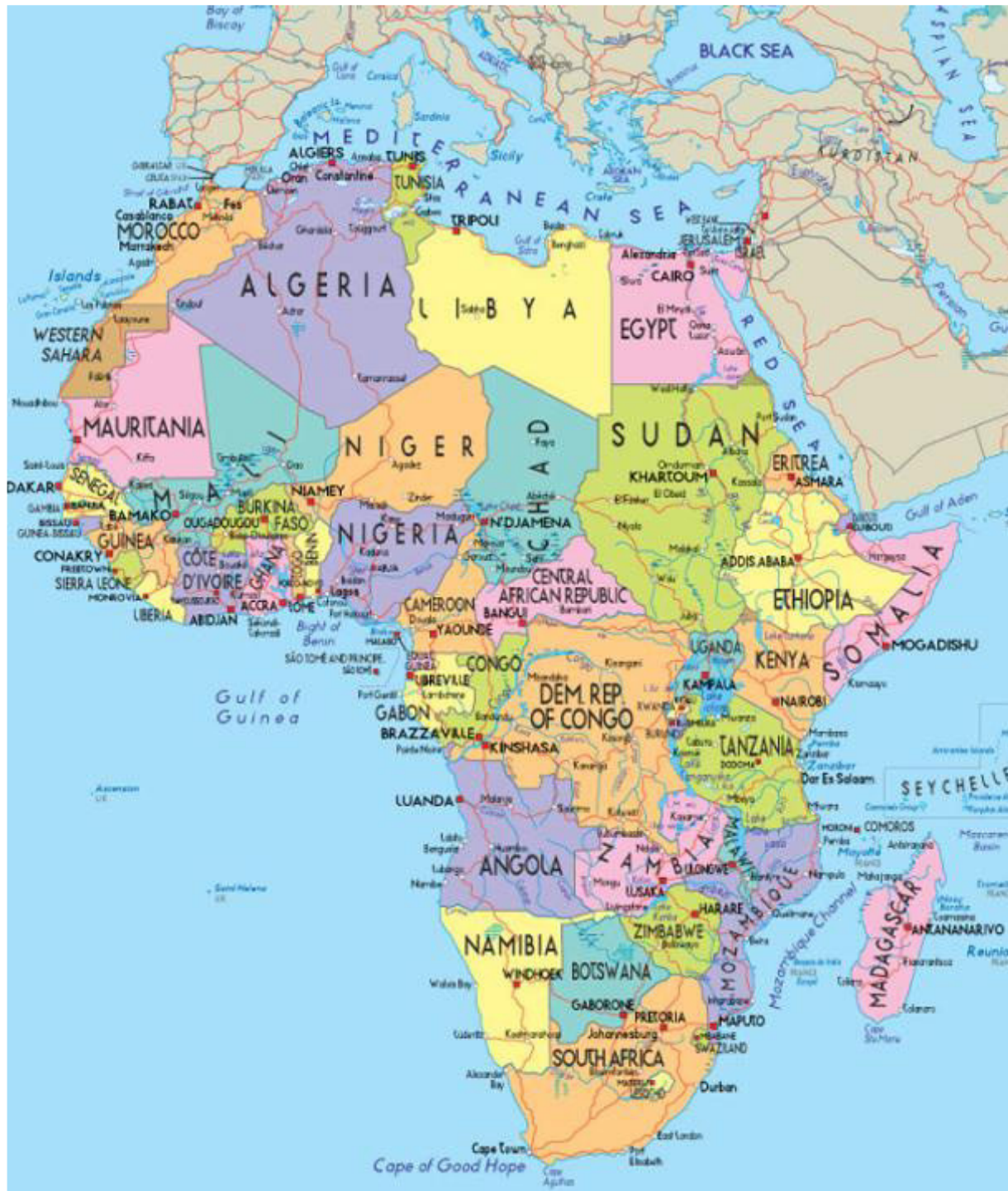
SOCIAL INTEGRATIVE & KNOW HOW
(INTENSIVE FARMING)

St Polten - 15th -19th April 2013

**Africa's
population: 960,
000,000**

**Zimbabwe's
population:
12,500,000**

**India's
Population
1,170,938,000**





Africa Area:
30,200,000 km²

Zimbabwe's Area:
390,757 km²

India's Area:
3,287,263 km²









STARVING
BILLIONAIRE



% Population Undernourished

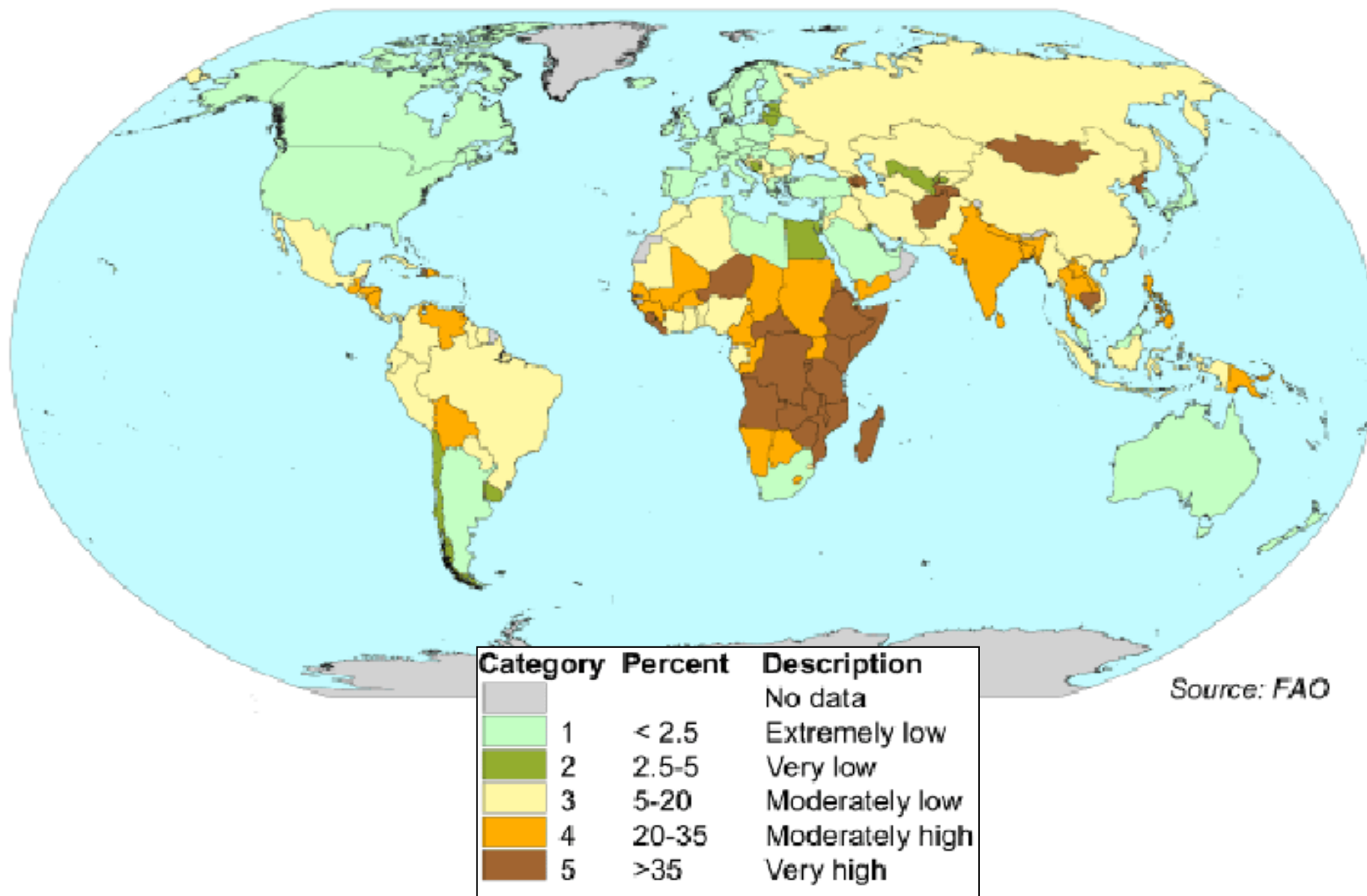
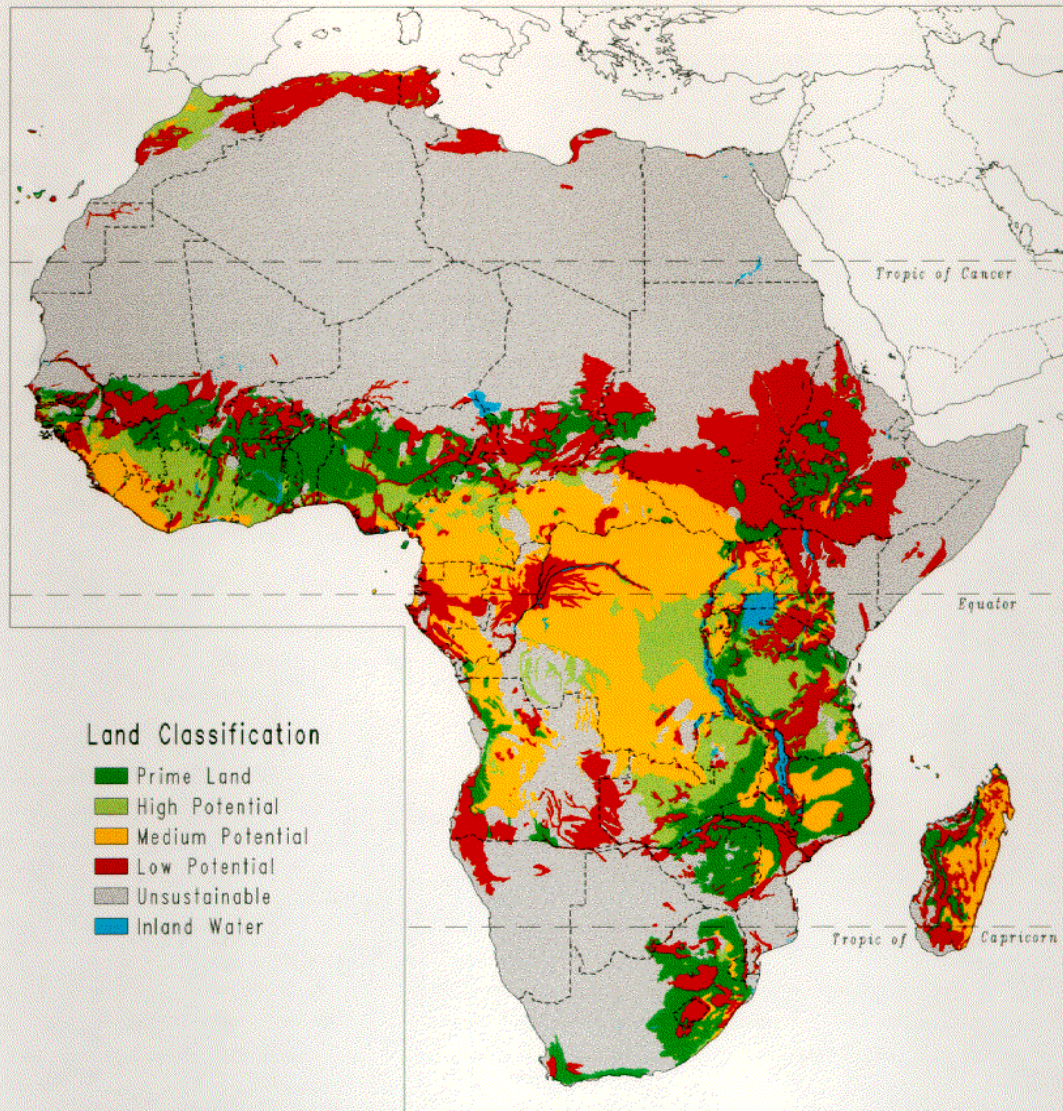


Figure 3. POTENTIAL FOR SUSTAINABLE DEVELOPMENT



Equatorial Scale 1:38,000,000

Miller Oblate Stereographic Projection

February 1996

Country Boundaries Are Not Authoritative

**2nd largest
continent**

**Over 30% of
world's natural
resources**

**3% of world
GDP**

**Over US\$ 2,000
billion of free
aid in last 50
years**

**Economic
Structural
Adjustment
Programmes**

**Affirmative
action**

**Education &
scholarships**

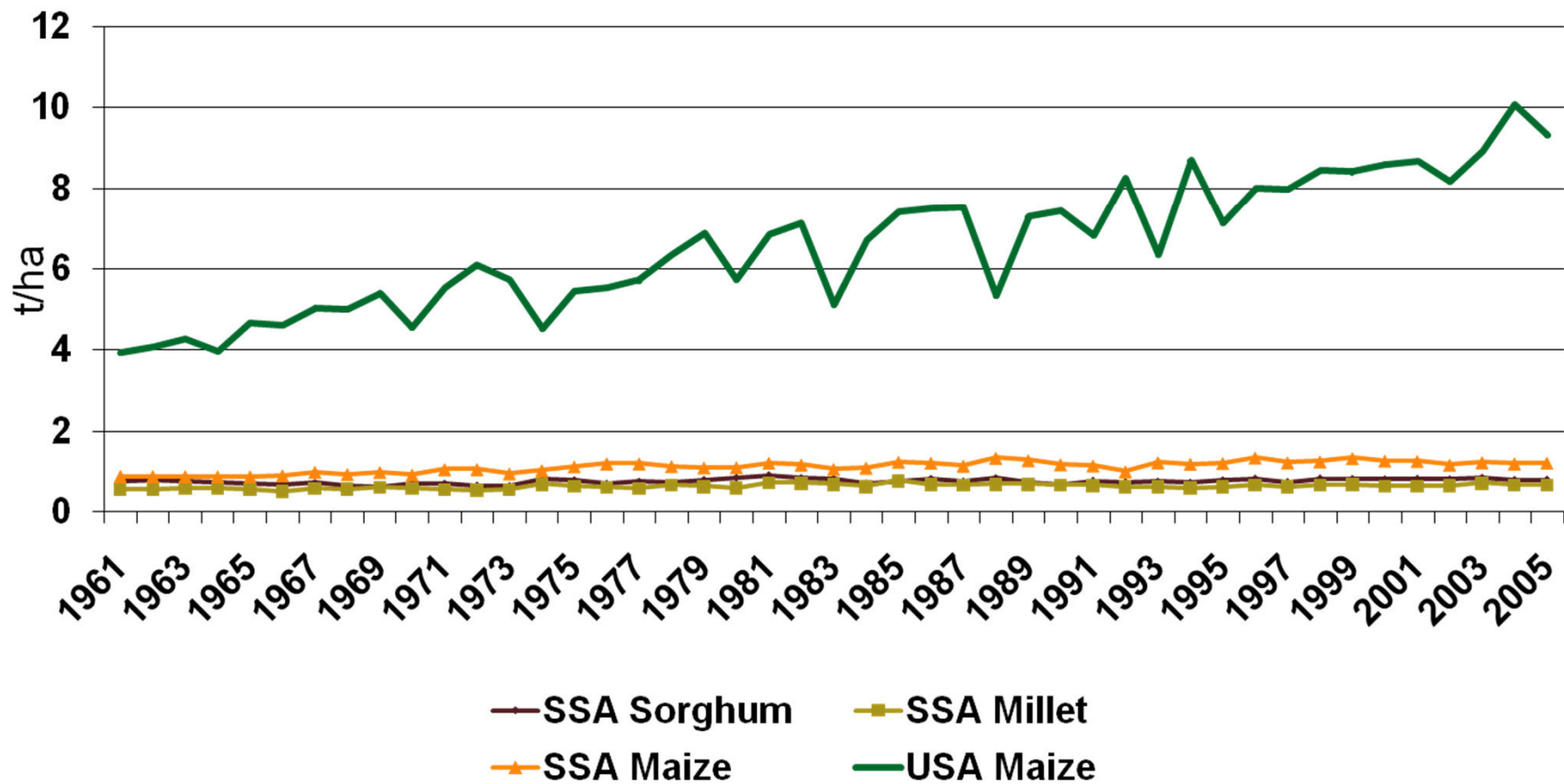
**Industrial
infrastructure,
equipment &
training**

**Transport,
mobility &
communications**



**Yet micro & macro
poverty is increasing!**

Coarse Grain Yield USA & SSA



The “Why” followed by the “How”

- Why is Africa the Poorest Continent?
- “Unfaithfulness with First Things”
- “Net Extractors”
- How do we Bring Africa out of Poverty?
- “Teach Africa to Make a **PROFIT**”
- How do we Teach Africa to Make a Profit?
- “Teach Africa Three Things, First”
- “Then Teach Them a Fourth Principle”

Implementation Management

- On Time

Implementation Management

- On Time
- At Standard

Implementation Management

- On Time
- At Standard
- With Minimum Wastage

Implementation Management

- On Time
- At Standard
- With Minimum Wastage

= PROFIT

THEORY INTO PRACTICE ?

- On Time
- At Standard
- With Minimum Wastage

= PROFIT

- **HOW DO WE PUT THEORY INTO PRACTICE ?**

(Something we don't do in Africa!)

Implementation Management

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

= PROFIT

Implementation Management

- PROFITABILITY IS ESSENTIAL
- FOR SURVIVAL THERE ARE ONLY TWO ALTERNATIVES TO MAKING A PROFIT

Implementation Management

- PROFITABILITY IS ESSENTIAL
- FOR SURVIVAL THERE ARE ONLY TWO ALTERNATIVES TO MAKING A PROFIT
- THE “BEGGING BOWL”

Implementation Management

- PROFITABILITY IS ESSENTIAL
- FOR SURVIVAL THERE ARE ONLY TWO ALTERNATIVES TO MAKING A PROFIT
- “THE BEGGING BOWL”
- “THEFT”

Conveying the Message

- Listen Sympathetically First
- Tell the Story Carefully
- Do a Small Section with them
- Show them the Beauty of Order and Standards
- Show them they have just **Done** a Small Piece:
- **On Time, At Standard, Without Wastage, With Joy**
- They are going to Make a **Profit**
- Love, Participation, Joy, **Hope**, Strength, **Victory**

Vedra Teaching



Making a Right-Angle Corner



Demonstrating Soil & Water Loss



A Great Farmer and Friend



WGG Extending to the Field Scale



On Our Way to the World Conference



Stand Comparisons



Conventional



No Ploughing

Good Mulch Cover & Weed Control



Well Watered Garden & Mulch



Well Watered Garden WTG



Wheat Variety Trials







The Grassroots Trainers



Grassroots Trainers



Grassroots - TWR Programme



The Crossover Children



High Scholl Orientation



Viability of Producing Maize in Zimbabwe

COSTS FOR PRODUCING ON LARGE SCALE

(COMMERCIAL)

- Expensive Imported Fertilizer
- Expensive Imported Chemicals
- Expensive Hybrid Seed
- Expensive Machinery
- Repairs & Maintenance
- Fuel
- Interest & Redemption

Viability of Producing Maize in Zimbabwe

COSTS FOR PRODUCING ON LARGE SCALE

(Small-Scale)

- Organic Fertilizer (Local Materials)
- Very few Chemicals
- Inexpensive OPV Seed
- No Heavy Machinery (Only a hoe)
- Negligible Repairs & Maintenance
- No Fossil Fuel
- No Interest & Redemption

A Nation is Beginning to Change

- The Minister of Agriculture
- The Minister of Education
- The Minister of Health
- The Director of Prisons
- The Chief of Police

A Global Battle Outreach

- Teaching Centres in Language & Culture Groups
- Reached 30 countries in Africa (20 Stations)
- USA, Canada, Australia, UK, India, China
- TEACH THE HEART AND NOT JUST THE HEAD

THANK YOU

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