

. FEB 81 '94 22:15 CENTRE CONTEXTURL HERMENEUTICS P.1

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"ULXi-IVERSITEIT VAN S'I'ELI,,.ENBOSCII

UNIVERSITY OF STELLEN BOSCH

Fax Message : AN C De t of Research

Fax Number : 011 330 42

Attention : Dr Frene Ginwala

29 January 1994

Dear Dr Ginwala,

WE;

TE HN L Y AND ME LN - WHAT ARE THE iSS ES?

Date : 14,15 March 1994,

. Venue : Mont Fleur Conference Centre, STELLENBOSCH

Background:

Whilst highly contentious, there seems to be a growing consensus that South Africals past industrial development has been too capital intensive. Touching on a debate started in th e

late 70\$, various groups ranging from the World Bank believe that more labour intensive modes of production should be adopted. it is a seductive proposition - by choosing the "" oloo'giohi'the manufacturing mag; in e greete'r'lh'b'tiil'ei' ihtHi-h'atienal eempetit ivenese. But

what is the right mix? Much work still needs to be done to determine this and develop appropriate policies to accommodate these efforts.

In addition to that, there is a contention that South Rhiceis-technological- sophisticatedi cn'r has-

not yet succeeded in meeting the needs of the majority of her population. Some argue that technology should be put to better use in meeting basic needs.

Against this background, the STELLENBOSCH ECONOMIC PROJECT is organising a

. workshop with the main theme: Technology to meet needs: what are the issues? The workshop will be attended by a small number of present and potential policymakers, engineers active in the field, academics, trade union representatives, employers and othe rs

with a role to play in the technology iield. This is done to complement other efforts in ensuring that technology would be used to its maximum potential to address the needs of all South Africats people.

The aims of the workshop are:

1. To facilitate debate between different creators, appliers and facilitators of technolo gy.

These would include engineers, industry, policy makers, economists, sOciOiUgish-s, etc.

To define the meaning of appropriate technology for South Africa

To define ways of meeting needs thr0ugh appropriate choice of technology within the South African context

To disguss policies which would create an onvironmont conducive to technological mnova on

To identify areas of research for appropriate technology

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STELLENELOSCH EKONOMIE PROJEK STELLENBOSCH ECONOMIC PROJECT

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Areas to DO IOOKOd at:

Definitions of appropriate technology

Communicative technology

Main basic needs

Technology and Industry

Technology and research

Technology and the community

The politics of technology

We would like you to give an input during session 1. The session of 45 min would consist of

Your input of approximately 20 - 25 minutes and 20 minutes for discussion and questions.

Suggestions about the composition of the programme as well as the list of proposed participants would be more than welcome.

I will be in contact as soon as you return but we would be grateful if you could not'ly us as

soon as possible, whether it will be possible to attend. I will then be in contact to finalise

transport and other arrangements. There are no costs involved in attending. Do not

hesitate to contact me or any of the other organisers (Prof Servaas van der Berg, Ms Rachel Jafta), should you have any further questions.

Tel 2 021 808 2132 Fax : 021 808 2031

E-mail : ahmdmatieseunecza

Yours sincerely

Herman Meyer

Project Coordinator

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(This is a proposed programme. None of the topics or speakers have been finalised.)

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OPENING

Session 1 Views on appropriate technology

Managing technology

Prof Rias van Wyk, UCT Business School

High Technology

Mr Anew Lammecht, Barlow Rand

Basic Needs

Dr Frene Ginwaia, ANC Dept of Research

A comparative economic perspective on competitive technology

Me Rachel Jafta and Mr Andrew Smith, Dept of Economics, US

Meeting basic needs through Technology

Prof Lee Nattrass, Univ Natal Durban

Identifying the needs of communities

Ms Catherine Cross, 0808 Univ of Natal Durban

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Session 2 Competitive technology some case studies

Prof Rob McCutcheon, erS Civ Eng - engineering and competitive technology

Dr David Jacobson, Altron - a business perspective

Dr Anton Eberhardt UCT, - Energy

Mr Keith Lockwood, SACOB - SACOES view

Dr Bernie Fanaroff, COSATU . a Union perspective

Prof Rob chham, Inst for Natural Resources Univ of Natal - Water

Mr Rod Stewart - Housing 8. Infrastructure

Ms Olive Chisana, MNR - Health & Nutrition

Session 3 Identifying priorities for technology

Session 4 Identifying an incentive framework for prioritizing research and application

Techniiin

Mr Don Pilkington Inst of Inventors & Innovators

Session 5 Report back

Proposed list of Participants (Only about 40 participants will attend the workshop)

Surname

Ginwala

Lamprecht

Cross

Van Wyk

Nattrass

Pilkington

Lockwood

McCutcheon

F anaroff

Eberhardt

Louw

De Wet

Saman

Williams

F igadschc

Chisana

Jacobson

Universities

Van der Merwe

Geertscma

Cobbit

McMillan

Viljocn

Joubert

Moholi

N gcaba

Mbeki

Pakatcha

Greyvenstcin

Fincham

NUMSA

IDC

SAFCEC

De'Ft of Trade & Industry

ID

SAFSEK

Name Title

F rene Dr

Andre Mr

Catherine Ms

Rias Prof

Lee Prof

Don Mr

Keith Mr

Rob Prof

Bernie Dr

Anton Dr

Andries Mr

Gideon Mr

Silva Dr

Brian Mr

Brian Prof

Olive Ms

David Dr

Botswana

UCT

UWC

US

WITS

Noorde

Namibia

Piet Dr

Arrie Mr

Bill Mr

Ch" Mr

PS Dr

Rania %r

l s

Mnge Mr  
Zanele Ms  
Lorato Ms  
Lourence Mr  
Rob Prof  
NUM  
Rift Mineral & Ener  
Organisation  
AN C Dept of Research  
Barlow Ltd  
Centre Soc & Dev Science Univ of Natal  
UCT Business School  
Dept of Electronic Engineering Univ of  
Natal  
Institute for Inventors and Innovators  
SACOB  
WITS Civ Eng  
COSATU  
Ener for Dev Res Centre, UCT  
Van yk & Louw  
CSIR  
PAC  
NACTU  
Vice Rector Peninsula Technicon  
Medical Research Council  
CED: Director Technology Altron  
Dr Mazonde NIR  
Prof David Kaplan  
Prof Dave Lewis  
Prof Sean Archer  
Prof Charles Dingley  
Mr Paul Theron  
Prof Pieter le Roux  
Prof Sewaas van der Berg  
Ms Rachel Jaftha  
Mr Andrew Smith  
Prof Colin McCarthy  
Prof McCutcheon  
Prof Andre de Villiers  
Mr Chris Tigpscott  
AEC CEO uman Resources  
SASTEK  
PIANACT  
Consulting Engineer Ove Amp  
Van Wyk en Louw  
Eskom CE Human Resources  
African Institute of Technology  
Head Info Systems, Centre for Dev of Info  
and Telecom Policy  
Womafs Development Bank  
Wmnam Development Bank.  
CEO Technifin  
Institute of Natural Resources  
Affairs  
C De artment of conomic Planning  
De tof inance  
DSA  
Engineering firms

STELLENBOSCH ECONOMIC PROJECT

In search of common values

and appropriate policies

for a democratic South Africa

As South Africa makes its way to a democratic society, the role of the economy - both in supporting the transitional phase

and in subsequently maintaining a viable democracy - is becoming more and more important.

To a large extent the future

of the South African economy is the future of South Africa. It is therefore incumbent on all of us to pay careful attention

to our future economy now. It is time to combine our theoretical knowledge with the practical but diverse experiences of

life in South Africa in a creative way in order to secure a more human future for all in this country.

Countrywide a number of important initiatives are at present being developed. The Stellenbosch Economic Project makes

a contribution, by focusing specifically on:

1. policies and values

2. interdisciplinary research

3. a multidisciplinary and consultative approach

Project Committee

The Stellenbosch Economic Project is a project of the Centre for Contextual Hermeneutics at the University of

Stellenbosch. The Committee appointed by the University to oversee the project is: Prof S van der Berg (Economics),

CL McCarthy (Economics), J Kinghorn (Centre for Contextual Hermeneutics), BC Lategan (Dean of Arts and Social

Sciences), HI K0126 (Political Studies), SJ Terreblanche (Economics), L du Plessis (Public Law), DE de Villiers (Ethics),

Dr OD Stuart (Bureau for Economic Research), Mr W Verwoud (Philosophy).

Some Projects and Publications to date

a) Workshops

1. Financing Local Government

2. The case for Electrification

3. Confronting Unemployment in South Africa (with the Institute for African Alternatives)

4. Church and Land

5. Social Safety Nets

6. Restructuring the Public Service

7. Financing Nutrition Intervention

b) Working documents:

1. Papers delivered at workshops of the Association for Democratic Economists

2. Papers delivered at workshops of the Association for Democratic Economists.

3. Financing Local Government

4. Church and Land

5. Social Safety Nets

c) Occasional papers:

1. C McCarthy: Stagnation in the South African economy: Where did things go wrong?

2. S van der Berg. The post-apartheid economy. An agenda for debate.

3. SJ Terreblanche: The need for a transformation period towards a post-apartheid South Africa.

4. JE du Plessis and JNJ Smit: Methods of income and wealth distribution: a classification.

5. C McCarthy, B Smit, SJ Terreblanche and S van der Berg: Growth with Equity: A Statement on Economic Policy.

S van der Berg: Confronting unemployment in South Africa.

7. F C v N Fourie: Economic Restructuring, liberalisation and legitimisation: A "2 February"

for the economy.

8. Mohr P: Economic Policy-Making in South Africa: Past, Present and Future