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NU NIVERSITEIT VAN STELLENBOSCH
UNIVERSITY OF STELLENBOSCH

Fax Message : ANC De t of Research

Fax Number I 011 330 42

Attention : Dr F rcne Ginwala

29 January 1994

Dear Dr Ginwaia,

l VIT Tl T :

TE HN L Y AND ME IN - 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 Africa's past industrial development has been too capital intensive. Touching on a debate started in th e

late '705, various gr0ups ranging from the World Bank believe that more lab0ur intensive modes of production should be adopted. it is a seductive proposition - by choosing the what is the right MIX? Much work still needs to be done to determine this and Laveiop appropriate policies to accommodate these efforts.

In addition to that, there is a contention th t Seuth- Africaistechnoiegeicai sophisticati m- hes-

not yet succeeded in meeting the needs of the majority of her population. Some argue that technology Shaud 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 field. 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 wurkshop are:

1. To facilitate debate betweee different creators. apptiaars and fa :iiitetors of techno iogy

These wcu'u' include enameere. indusztry, paicv :t-wt-kerr, 2-;:::t-Ji"toii-i.5::.. thL tiiilgtgmLa, etc. '

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To discuss bcicise texhich ween; (:r'eazo ' i A -' 1 11.1: ' ,ze't - innovation

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mm DO looked at:

Definitions of Wm technology
technology

M basic needs

Teohn and industry

Technology and research

Technology and the community

The polities 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 notl'fy us as

soon as possible, whether it will be possible to attend. I will then be in contac; to fin
alise

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 : 021 808 2132 Fax : 021 808 2031

E-mail : ahm(Qmaties.sun.ac.za

Y0urs sincerely

Herman Meyer

Project Coordinator

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mm 13 a proposed pmgramme. None of the topics or speakers have been finalised.)

14 MARCH 1994

OPENING

Session 1 Views on approptiato technology

Managing technology

Prof Rias van Wyk, UCT Business School

High Technology

Mr Andrs Lamprecht, Barlow Rand

Basic Needs

Dr Frene Ginwala, ANC Dept of Research

A comparative economic perspective on competitive technology

0 Me Rachel Jafta and Mr Andrew Smith, Dept of Economics, us

Meeting basic needs through Technology

Prof Lee Nattrass, Univ Nata! Durban

Identifying the needs of communities

Ms Catherine Cross. CSDS Univ of Natal Durban

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Session 2 Competitive technology some case studies

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

Dr David Jacobson, Altron - a business perspective

Dr Anton Eberhardt UCT, - Energy

Mr Keith Lockwood, SACOB - SACOB's view

.Dr Bernie Fanaroff, COSATU - a Union perspective

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

Mr Rod Stewart - Heusing & Infrastructure

Ms Olive Chisana, MNR - Health & Nutrition

Session 3 Identitying priorities tor technology

Session 4 Identifying an incentive framework tor prioritizing research and application

Technifin

Mr Don Pilkington Inst of Inventors & Innovators

Session 5 Report back

Propoud Ilst 0! Participants (Only about 40 paniapmn will attend the mrbhop)

Surname Name Title Organisation

Ginwala F rene Dr ANC Dept of Research

Lamprecht Andre Mr Barlow Ltd

Cross Catherine Ms Centre Soc & Dev Science Univ of N atal

Van Wyk Rias Prof UCT Business School

Nattrass Lee Prof 3:21 of Elemom'c Engineering Univ of

. a

Pilkington Don Mr Institute for Inventors and Innovators

Lockwood Keith M: SACOB

Mchtchcon Rob Prof WITS Civ Eng

F anaroff Bernie Dr COSATU

Eberhardt Anton Dr Encr for Dev Res Centre. UCT

Louw Andries Mr Van yk & Louw

De Wet Gideon Mr CSIR

Saman Silva Dr PAC

Williams Brian Mr NACI'U

Figadschc Brian Prof Vice Rector Peninsula Technicon

Chisana Olive Ms Medical ReSearch Council

Jacobson David Dr CED: Director Technology Altron

Universiues Botswana Dr Mazonde NIR

UCT Prof David Kaplan

Prof Dave Lewis

Prof Sean Archer

Prof Charles Dingley

Mr Paul Theron

UWC Prof Pieter le Roux

US Prof Servaas van der Berg

Ms Rachel Jafta

Mr Andrew Smith

Prof Colin McCarthy

WITS Prof McCutcheon

Noorde Prof Andre dc Villicrs

Namibia Mr Chris Ta pscott

Van der Mcrwe Piet Dr AEC CEO uman Resources

Geertscma Arric Mr SASTEK

Cobbit Bill Mr PLANACT

McMillan Cli Mr Consulting Engineer Ove Amp

Viljocn PS Dr Van Wyk en Louw

Joubert Danie Mr Eskom CE Human Resources

Mohoh' Pinky Ms African Institute of Technology

Ngcaba Andlle Mr Head Info Systems, Centre for Dev of Info
and Telecom Policy

Mbeld Zanele Ms Womanss Development Bank

Pakatcha Lorato Ms Womanss Development Bank

Greyvenstcin Laurence Mr CEO Technifin

Fincham Rob Prof Institute of Natural Resources

NUMSA NUM

LDC Dent Mineral & Ener Affairs

SAFCEC AN C De amment of conomic Planning

Dent of Trade & Industry De tof inance

IDT D SA

SAFSEK 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. Stellenbosch Economic Project makes

a contribution, by focusing specifically on:

' policies and values

' multidisciplinary research

' a multidimensional 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).

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

Sciences). H. S. (Political Studies), SJ Terreblanche (Economics). L du Plessis (Public Law), DE de Villiers (Ethics).

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

Some Projects and Publications to date

a) Workshops:

1. Financing Local Government

2. The case for Electoral Reforms

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 Net:

c) Occasional papers:

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

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

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

4. J E 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.

6. S van der Berg: Confronting unemployment in South Africa.

F C v N Fourie: Economic Restructuring, Liberalisation and Globalisation: A 2 February for the economy.

Mob: P: Economic Policy-Making in South Africa: Past, Present and Future:

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