

MALAWI HANDCART (*Livingstonia-Cart*) PROJECT, 2000

List of contacts in Malawi and abroad.

The Honourable Aleke K. BANDA

[Formerly] **Minister of Agriculture and Irrigation** [currently Minister of Health]

P.O. Box 30134, Capital City, Lilongwe 3, MALAWI

784-299 (Tel)

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Minister Banda wrote to me in 1998, inviting me to Malawi to ascertain "how best to proceed on the path of making hand carts widely available in Malawi." I met with him twice during my stay, and he took a keen interest in the progress of our development work.

Arthur C. CHIBWANA

Programme Co-ordinator

Malawi Rural Travel and Transport Programme (MRTTP)

P.O. Box 265, Lilongwe, MALAWI

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The MRTTP is working with the World Bank to improve rural transport within Malawi. Mr. Chibwana and his colleagues have been evaluating handcarts for some time, and are now interested in incorporating the *Livingstonia-Cart* design into their program.

Tamanda CHIDZANJA

Deputy General Manager

National Smallholder Farmers' Association of Malawi (NASFAM)

St. Martins House, 1st Floor. P.O. Box 30716, Lilongwe 3, MALAWI

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Mr. Chidzanja is interested in distributing handcarts to the NASFAM membership. He and his colleague (Mr. Ronald Ngwira) believe that this handcart technology is immediately applicable to Malawi's smallholder farmers.

Trynos Chirwa

Carpenter

Malawi Handcart Project

Mpopi Village, P.O. Livingstonia

Mr. Chirwa assisted in the design and construction of the prototype bicycle-wheel handcart at Livingstonia. He also was the primary designer and builder of three wheel-axle type handcarts. Mr. Chirwa is interested in teaching other village carpenters how to construct handcarts on an extension basis, as well as taking on carpenter apprentices to assist him in local handcart manufacture, who will in return learning the rudiments of carpentry under his tutelage. This program is currently in the planning stage and is to be carried out in liaison with Livingstonia Technical College.

Carl KLITGAARD

DANIDA Advisor

Technical, Entrepreneurial, Vocational Education and Training Authority (TEVETA)

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Mr. Klitgaard (and his colleague Mr. Jess Pilegaard of the Danish Embassy) are keen to disseminate handcart technology via the existing vocational education infrastructure.

Clement KUMBEMBA

Investment Promotion Manager (Domestic)

Malawi Investment Promotion Agency (MIPA)

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Mr. Kumbemba and his colleague Ms. Susan Banda and I met to discuss MIPA's possible role in promoting investment in handcart manufacture, distribution and utilization. He was favorably inclined to MIPA's playing a role in the dissemination of this new technology within Malawi.

Wells KUMWEN DA

Chief Agricultural Scientist (Technical Services) and Head: Farm Machinery Unit

Chitedze Agriculture Research Station

Malawi Ministry of Agriculture

P.O. Box 158, Lilongwe, MALAWI

707-222 / 225 (Tel)

Mr. Kumwenda and I collaborated for a month in 1998 in building and testing two prototype wheel-axle type handcarts. Mr. Kumwenda prepared a report on our findings which was submitted to the Ministry of Agriculture. Unfortunately, the unavailability of these wheel-axle sets in Malawi made their introduction problematic. Mr. Kumwenda and his colleagues at Chitedze were quick to appreciate the manifold applications of the bicycle-wheel handcart to agricultural systems within Malawi, and throughout sub-Saharan Africa. He is eager to explore and assess these applications from an agricultural-engineering perspective.

Joseph LONGWE

Principal

Livingstonia Technical College

P.O. Box 6, Livingstonia, MALAWI

368-208 (Res)

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Manufactured the first ten production versions of the Livingstonia-Cart in Livingstonia Technical College's Production Workshop. He is interested in mass producing these handcarts; and in integrating handcart design and production into the vocational educational syllabus. Mr. Longwe is also interested

in the application and dissemination of appropriate technology in Malawi. Livingstonia Technical College is currently soliciting orders for Livingstonia-Carts. He is working in collaboration with DANIDA and TEVETA. Mr. Longwe can provide the names and addresses of the purchasers of the handcarts sold by Livingstonia Technical College for future evaluation and follow-up. Mr. Longwe is an advocate of extension education at the local level, and is working in collaboration with Mr. Trynos Chirwa, a village carpenter, in establishing a village-level carpentry apprentice and handcart manufacturing program.

Charles MATABWA, Ph.D.
Controller of Agricultural Services
Malawi Ministry of Agriculture

In 1998, in his former capacity of Director of Agricultural Research and Technical Services, Dr. Matabwa facilitated the development of the wheel-axle handcart prototypes developed at Chitedze Agricultural Research Station and the Natural Resources College. He is currently interested in the applications of handcarts built from bicycle wheels to Malawi's agricultural sector.

His Excellency Dr. Bakili MULUZI
President of the Republic of Malawi
Sanjika Palace, Blantyre, MALAWI

His Excellency briefly spoke with me at the Livingstonia Technical College's pavilion at the 125th Anniversary Celebration of the Livingstonia Mission at Mzuzu Stadium. He expressed his interest in the applications of handcart technology to Malawi in a most practical manner, by purchasing three of them on the spot for his own evaluation of their utility; as well as to set an example to others to employ this new technology.

His Excellency J.T.X. MUWAMBA
Malawi High Commissioner
33 Grosvenor Street
London, W1x 0DE, ENGLAND, U.K.
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0171-491-9916 (Fax)

[Former, now retired,] High Commissioner Muwamba initially discussed my role in introducing handcarts to Malawi in 1997. He was very supportive of this concept, and introduced me to his then Minister of Agriculture, the Honourable Aleke K. Banda, who later extended me an invitation "to demonstrate the existence of a market in Malawi for such type of equipment."

Watipaso MKANDAWIRE
Economist
The World Bank (Malawi Office)
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The World Bank is a sponsor of the Malawi Rural Travel and Transport Programme, and has similar

programs in other sub-Saharan countries. Mr. Mkandawire and his colleague Mr. Francis M'buka were quick to appreciate the immediate applicability of bicycle-wheel handcart technology to both rural as well as urban transport situations, both within Malawi as well as in other World Bank-sponsored programs.

Chika D. MUGHOGHO

Research Assistant

Malawi Handcart Project

Mpopi Village, P.O. Box 48, Livingstonia, MALAWI

Mr. Mughogho has been associated with the Malawi Handcart Project since 1989, and has assisted me in designing and building handcart prototypes in 1992, 1998 and 2000. He organized trials of both wheel-axle as well as bicycle wheel handcarts at Livingstonia.

Willard MWAZALAMBA

Senior Loans Officer

Small Enterprise Development Organization of Malawi (SEDOM)

Regional Office Centre, Ramos Building, P.O. Box 256, Chilambula Road, Lilongwe, MALAWI

755-718, 750-991 (Tel)

835-677 (Fax)

Mr. Mwazalamba and I discussed ways in which SEDOM might extend loans to carpenters and small-scale entrepreneurs interested in constructing and selling handcarts. Also to vendors and others interested in employing handcarts in income-generating activities.

Ronald NGWIRA

Business Development Manager

National Smallholder Farmer's Association of Malawi (NASFAM)

P.O. Box 30716, Lilongwe 3, MALAWI

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I met with Mr. Ngwira and his colleague Mr. Chidzanja to discuss the utility of handcarts to NASFAM members. They agreed that the bicycle-wheel carts would likely be readily adopted by smallholder farmers; and suggested that NASFAM would facilitate their introduction and distribution.

William C.K. NYASULU

Carpenter (at Lura Trading Centre)

c/o P.Z. Mazolo, P.O. Box 9, Mzokoto / Rumphu, MALAWI

Mr. Nyasulu is a village carpenter, who, after a few hours instruction at Livingstonia Technical College, built a handcart entirely on his own. He thus demonstrated the feasibility of local handcart construction in rural areas, and the utility of extension vocational education as applied to handcart building. Mr. Nyasulu is accepting orders to construct handcarts to your specifications.

Nick OSBORNE

Country Representative

CARE Malawi

ARWA House, Third Floor, Plot 13/14, Africa Unity Avenue, P/Bag A89, Capital City, Lilongwe,

MALAWI

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Mr. Osborne is interested in employing handcarts in a poverty alleviation project in which groups of women will be trained to maintain roads. The handcarts will be used by these women to transport earth and crushed rock. He is considering purchasing carts from Livingstonia Technical College.

A.S. OSMAN

Press Secretary to the President

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Mr. Osman took a keen interest in the display of handcarts at the Livingstonia Technical College's pavilion at Mzuzu Stadium on July 29th. He requested that an additional press packet of plans, literature and photographs of the Livingstonia Cart be delivered to him at the Mzuzu State House.

Jess PILEGAARD

Embassy Secretary and DAVIDA Representative

Danish Embassy

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Mr. Pilegaard has visited Livingstonia Technical College (L.C.), and DAVIDA has funded L.C. for certain vocational extension-training activities. DAVIDA is interested in incorporating the handcart technology into technical college and extension curricula; and in the widespread dissemination of handcart technology within Malawi. Mr. Pilegaard is working with his colleague Mr. Carl Klitgaard on this matter.

M. J. SIMWELA

Agriculture Field Officer

Vunguvungu Agriculture Station

P.O. Box 28, Livingstonia

Mr. Simwela assisted in evaluating the utility of the wheel-axle handcart. He also helped organize a community meeting at Vunguvungu to discuss the use of the bicycle-wheel handcart and ways to make them available to the community.

Dorothy D. THUNYANI

Deputy Permanent Representative

Malawi Mission to the United Nations

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In June, Deputy Permanent Representative Thunyani expressed a keen interest in the application of handcarts to Malawi, particularly their role in reducing women's workload. She wished to be kept apprized of any progress made in this area.

Arnold P. WENDROFF, Ph.D.

[Who prepared this list.]

Malawi Handcart Project

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Dr. Wendroff developed the bicycle-wheel handcart and introduced it to Malawi. Dr. Wendroff is interested in disseminating handcart technology throughout Malawi and sub-Saharan Africa. He funded Livingstonia Technical College's first production run of ten bicycle-wheel type handcarts.

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Handcart people finder