

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]

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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)

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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)

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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

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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)

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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

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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

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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