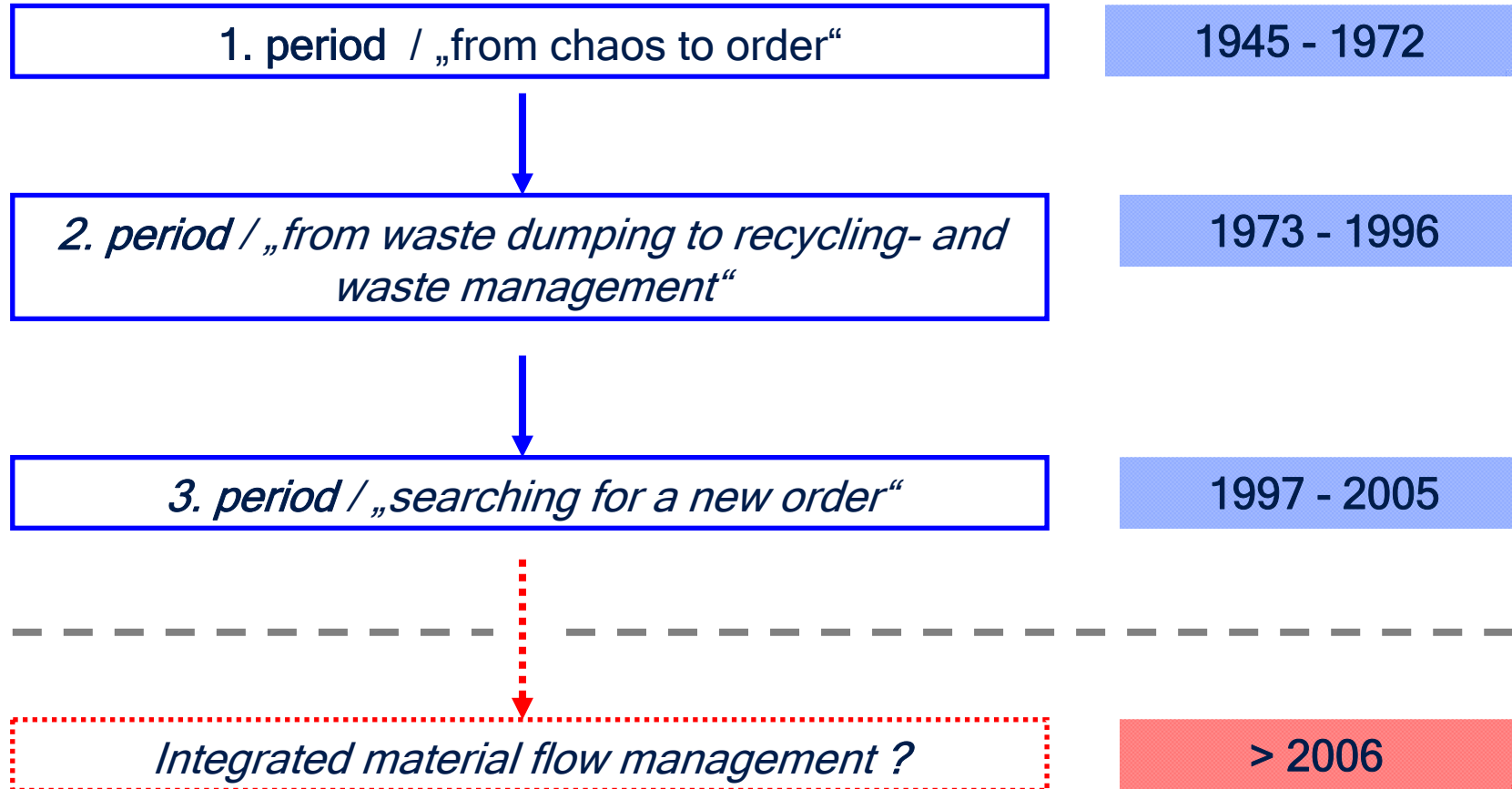


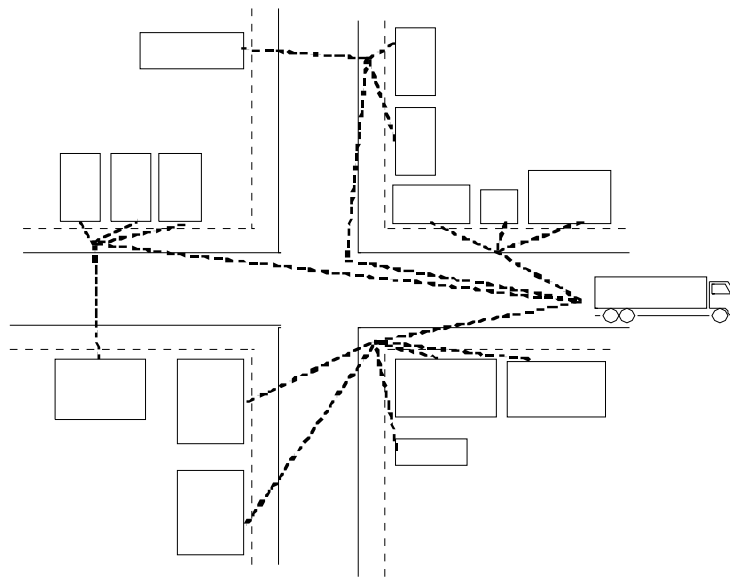
How to establish a waste management in Africa

Prof.Dr.-Ing.habil. Dr.h.c. Bernd Bilitewski

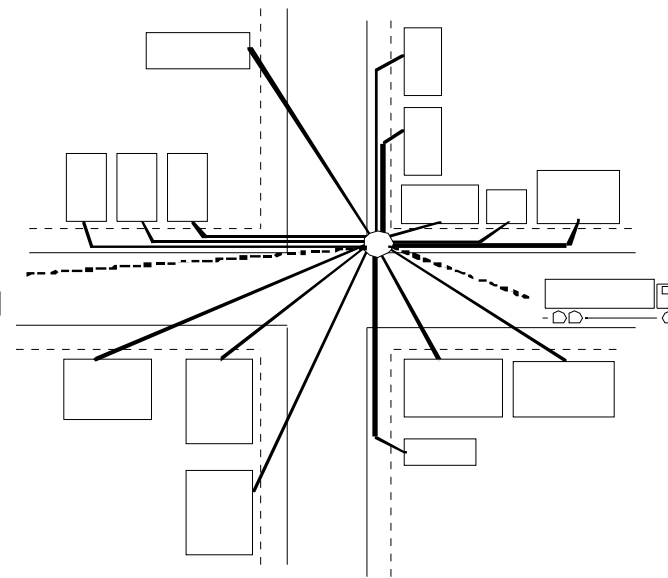
Mauritius 05. 9. 2011



Pick-up scheme



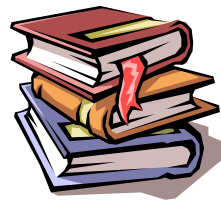
Drop-off or bring scheme



Paper bin



Bundle



- - - - Collection Route
 ——— Delivery Route



Bring bank



Recycling station

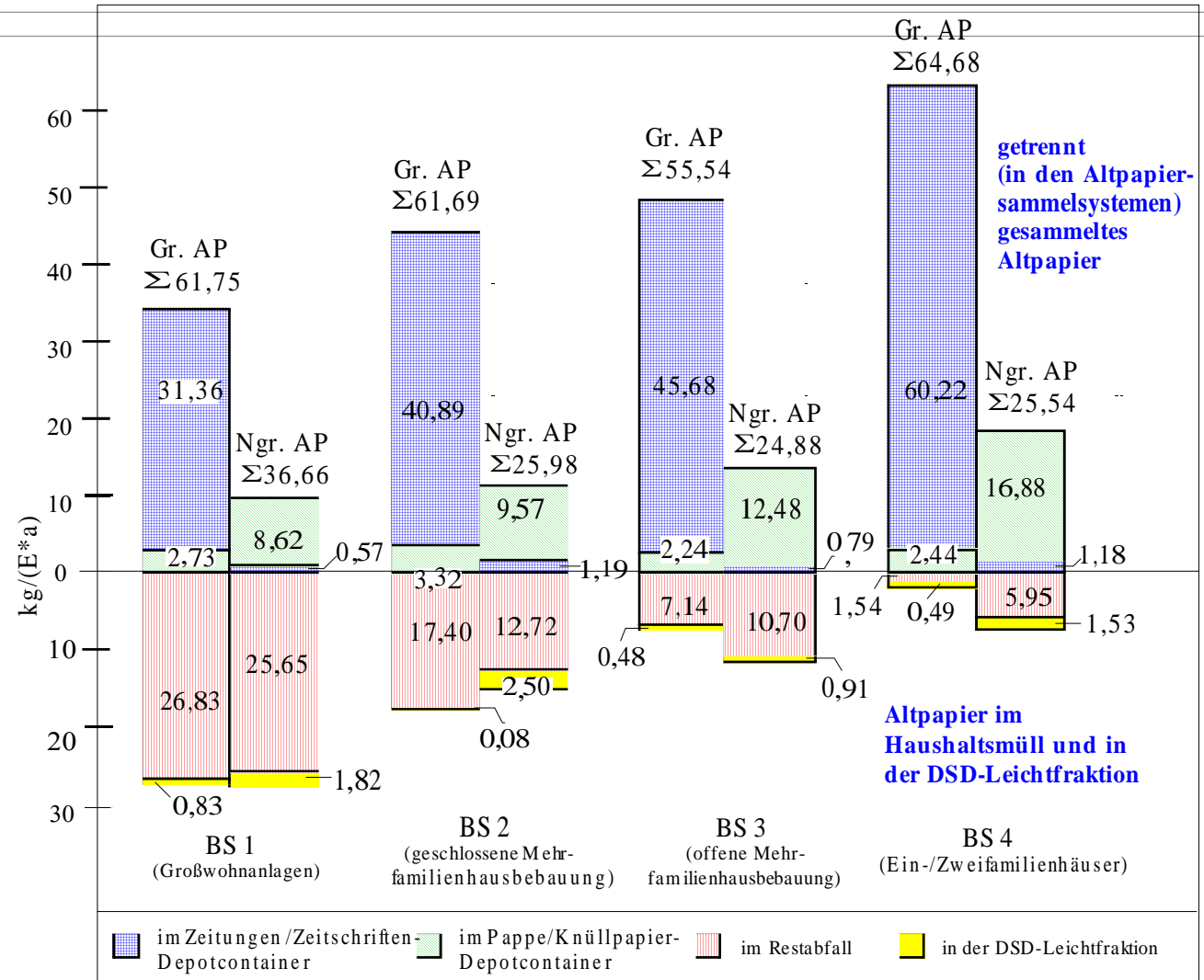
Paper collection

High rise:

- lowest RP amount in target collection systems
- highest paper amounts in residual waste
- biggest reserves for collection

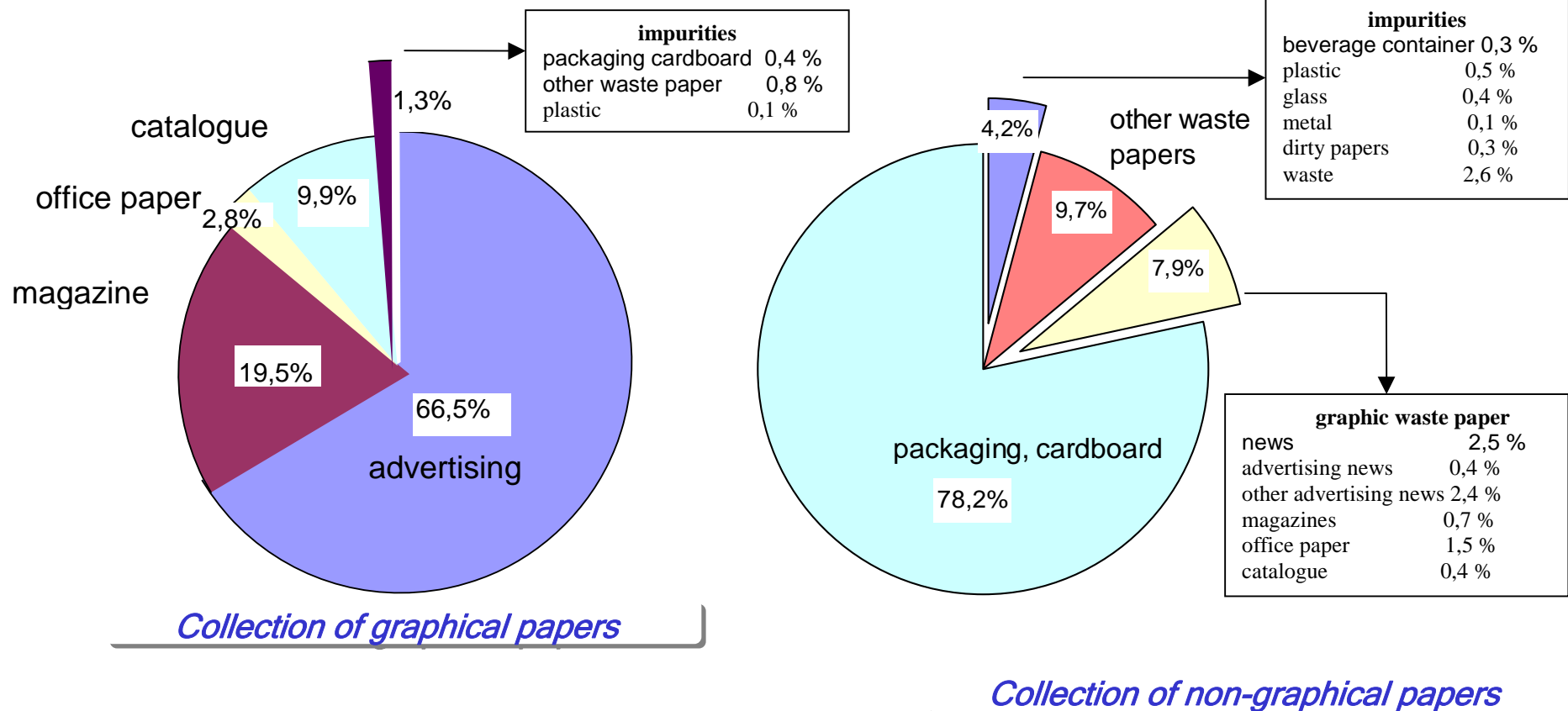
Single houses:

- RP potential almost completely recovered
- reserves, although small, in improving collected quality

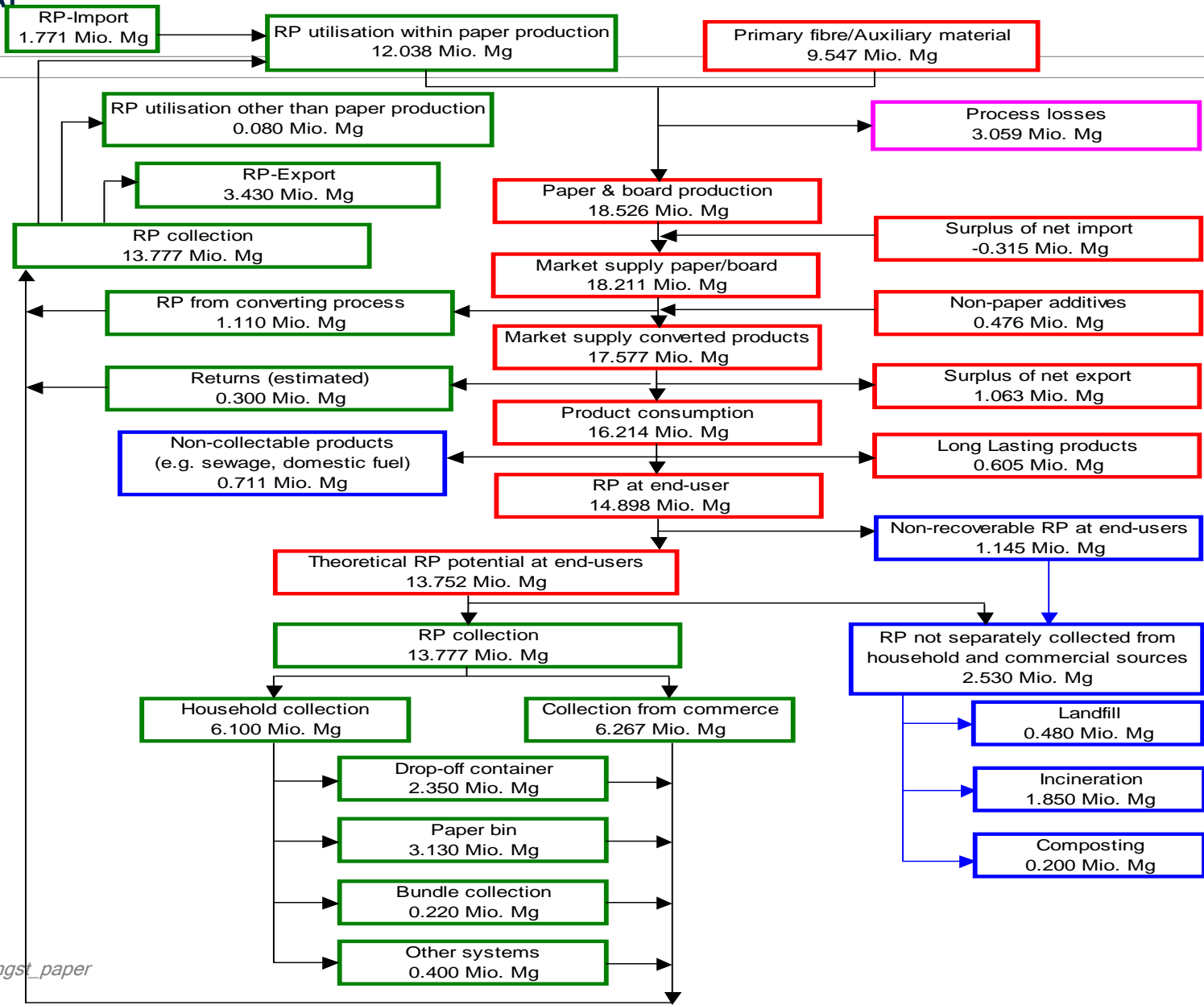


Switching from quantity to quality -

Replacing a pick-up scheme (paper bin) by a bring scheme (bring bank)



Paper and Recovered Paper (RP) Mass Flow in 2002 in Germany



Where do we go from here?

- *Current Waste Policies are not Effective Enough*
- *Fundamental Change Needed in Production and Consumption*
- *Sustainable Materials Management (SMM):*
 - *- Dematerialization*
 - *- Detoxification*

Vielen Dank für Ihre Aufmerksamkeit!

Thank you for your attention!

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