Genetic characterization of cattle populations for optimized performance in African ecosystems

Visuals of the LEAP-Agri – Genetic characterization of cattle populations for optimized performance in African ecosystems (OPTIBOV) training workshops conducted in South Africa on 05 – 09 November 2019.

Figure C1. LEAP-Agri OPTIBOV Project Partners (left) Donald Kugonza, Makerere University, Uganda; Nasser Ghanem, Cairo Univesity, Egypt; Catarina Ginja, CIBIO, Portugal; Richard Crooijmans (OPTIBOV Coordinator) Wageningen University and Research and Mahlako Makgahlela, ARC-AP, South Africa. OPTIBOV partners during their training workshops preparatory meeting (right)

Figure C2. Small-holder, emerging and communal farmers trained under the LEAP-Agri OPTIBOV training workshop held in Rust de Winter, Gauteng. Certificates of attendance were awarded to participants.

Figure C3. Small-holder, emerging and communal farmers trained under the LEAP-Agri OPTIBOV training workshop held in Makgatle, Limpopo. Certificates of attendance were awarded to participants.

Figure C4. Youth Training – Post-graduate students trained under the LEAP-Agri OPTIBOV training workshop held at the ARC-Animal Production Campus, Irene, Gauteng. Certificate of attendance were awarded to participants.

Figure C5. Youth Training – Leaners trained under the LEAP-Agri OPTIBOV training workshop held Tembisa High School, Gauteng (Top) and Hututu High School (Bottom).

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Figure C6. Technical tours and visits to small-holder farms (Topmost 2 photos), and the ARC research herds i.e., ARC-Roodeplaat Bonsmara herd used for carbon- and water-footprint research (3RD), the GrowSafe System for monitoring animal behaviours of different genotypes under heat stress and the ARC-AP dairy parlour.

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Figure C7. The LEAP-Agri OPTIBOV training workshops organising team

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