

# Maziwa Zaidi (More Milk) in Tanzania

## Tanzania Livestock Master Plan: The Dairy Roadmap

N. Mbwambo<sup>1</sup>, S. Michael<sup>1</sup> and B. Shapiro<sup>2</sup>

<sup>1</sup>Ministry of Agriculture, Livestock and Fisheries; <sup>2</sup>International Livestock Research Institute

### Key messages

Requirements to modernize Tanzania's dairy sector towards the vision of meeting domestic demand for milk and surplus for exported by 2031 are:

- Investments in nutrition, animal health, breeding, marketing and policy
- Changes in milk production to come mostly from:
  - improved family dairy (IFD) in the highlands and coastal and lake zones;
  - specialized commercial dairy; and,
  - traditional meat and milk cattle

### Objectives and approach

- To increase productivity and production of milk among other livestock-source foods in Tanzania.
- Applied the Livestock Sector Policy Investment Tool (LSIPT) for analysis and projections
- Analysis undertaken by MALF staff in 2016 with training and support from Ethiopian counterparts and ILRI
- Quarterly consultations with stakeholders

### Key results

Gains over five years to 2022 if the required investments are made are as follows:

- Crossbreed dairy cattle will increase 3.8 times from the current 783,000 in 2016 to 2,985,000 heads
- Milk production will increase by 77% from 2,159 million liters in 2016 to 3,816 million liters
- The national average annualized milk production of a cow will increase from 179 liter to 254 liters
- GDP contribution of milk to increase by 75%

### Opportunities to invest and scale

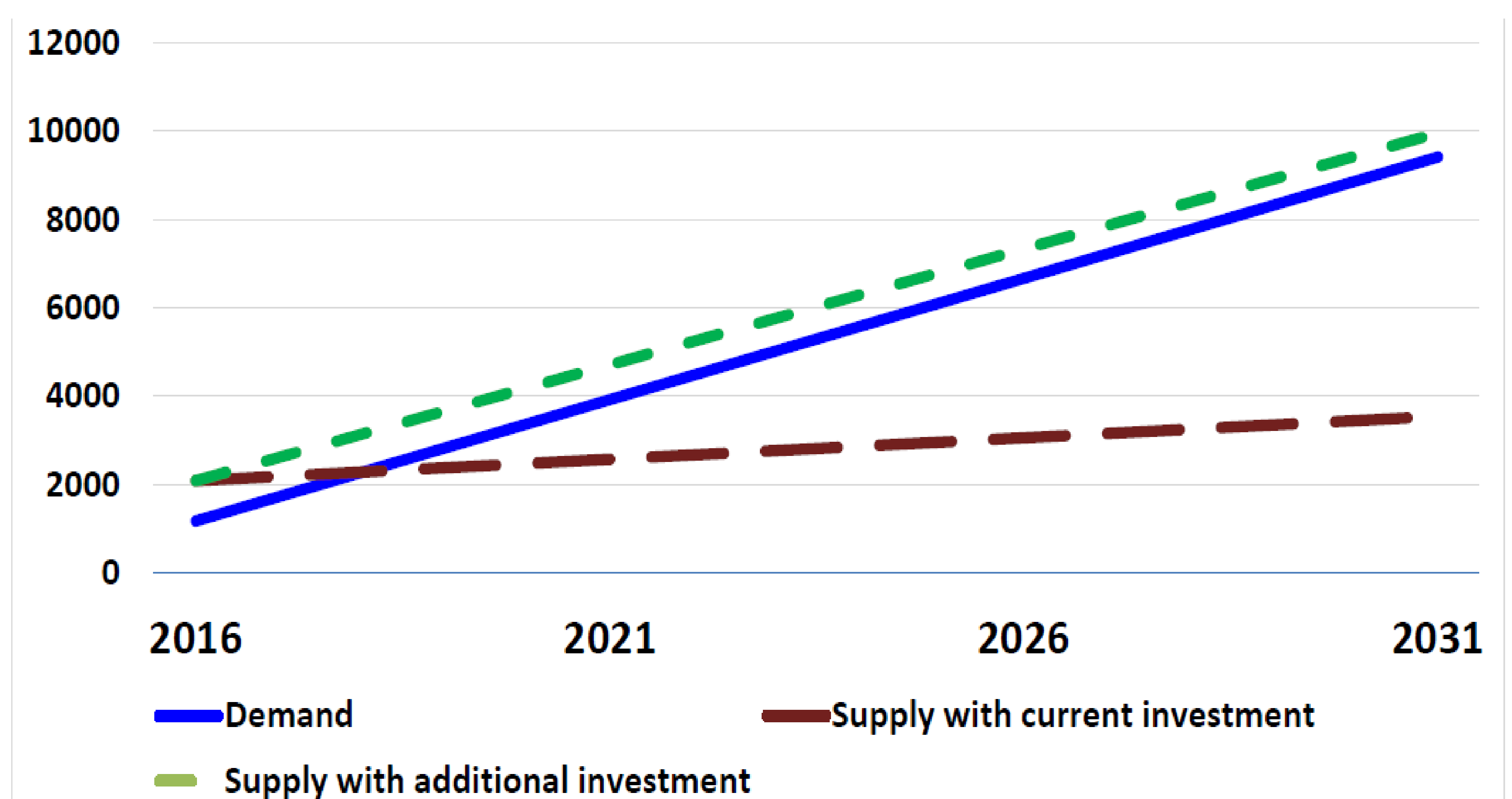
- Overall proposed investment shares to be 32% private, 21% public and 47% public-private
- Public & private investments on genetics, feed and animal health technologies
- Public & private investments to build capacity for existing 74 dairy plants which are operating under capacity (30%)
- Public investments to attract private investors in value addition and create conducive investment environment for them i.e. to reduce taxes and fees multiplicity (over-regulation) and
- Public & private investments to promote quality-based standards and pricing to encourage quality milk supply
- Scaling: The Livestock Master Plan targets to be aligned with ASDP-2 (2017-22)

### Overall targets .....

#### Annual Milk Production per cow:

| Livestock production zone | Milk production per reproductive female per year (lt) |         | % Change |
|---------------------------|-------------------------------------------------------|---------|----------|
|                           | Base year (2016/17)                                   | 2021/22 |          |
| Traditional and IFD dairy | 165                                                   | 216     | 31%      |
| Commercial specialized    | 1,757                                                 | 2,207   | 26%      |
| National                  | 179                                                   | 254     | 42%      |

#### Gap projection and investment scenarios to 2031 ('000 tons)



BILL & MELINDA  
GATES foundation

Maziwa Zaidi thanks all donors and organizations which globally support the work of ILRI and its partners through their contributions to the CGIAR system. This document is licensed for use under the Creative Commons Attribution 4.0 International Licence.  
April 2017

MAZIWA  
ZAIDI

Research for Development Partnerships



ILRI  
INTERNATIONAL  
LIVESTOCK RESEARCH  
INSTITUTE