PORTFOLIO LEVEL: MEASURING IMPACT OF INVESTMENTS

LD4D session 5: What Impact Language do you Speak?

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Rome, Italy
PORTFOLIO THEORY OF ACTION & UNDERLYING KEY HYPOTHESES

Inclusive agricultural transformation

<table>
<thead>
<tr>
<th>Income</th>
<th>Nutrition</th>
<th>Women’s Empowerment</th>
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</thead>
</table>

Productivity

Oftake Markets
Functional markets for livestock output reward increased productivity with greater income

Animal Health
Scaled availability of quality health interventions at sustainable cost for diseases most relevant to tropical livestock

Animal Production
Scaled affordable access to highly productive livestock breeds that are suitably-adapted to tropical smallholder production systems

Animal Systems
Strong enabling environment consisting of strong regulatory and policy frameworks ensure sustainability of product development and delivery in a market oriented framework

1 Animal Health
- Product Development
- Delivery
- Enabling Environment

2 Animal Production
- Discovery
- Genetic Gain
- Multiplication
- Dairy Processing

3 Animal Systems
- Policy & Advocacy
- Data & Evidence
- Enabling Environment
DATA UNDERPIN A FULLY FUNCTIONING LIVESTOCK SYSTEM

Livestock Farmers & Consumers

Markets (input & offtake)

Services & Products

Policy & Regulation

Prioritization of Resources (Public, Private & ODA)

Data & Evidence

- Digital farm-level data collection
- Grant-level and sector-level data and metrics
- National livestock data systems
- Reliable and relevant global data platforms
BMGF Livestock team M&E vision

- **Sector data**
- **National Statistics**
- **Portfolio Targets**
- **Grantee Indicators**

**Livestock Sector**
- Harmonized livestock sector metrics that are globally relevant
- AgDev high-level impact and strategic goal indicators

**AgDev Strategy**
- Body of work and portfolio level outcome indicators

**Livestock Body of Work & Portfolio Targets**
- Standardized and complete set of investment metrics

**Individual Investment M&E**
ORGANIZING FOR IMPACT

Results Framework Structure

Strategy

Portfolio

Grant

Impact

Strategic Goal

Primary Outcome

Intermediate Outcome

Output

Indirect Influence

Direct Influence

Can be controlled
AGDEV RESULTS FRAMEWORK

Tool to monitor performance, track results and align portfolio programs

Impact Goal

Strategic Goal

Primary Outcome

Increase agricultural productivity for SHFs

Increase SHF household income

Increase equitable consumption of a safe, affordable, nutritious diet year-round

Increase women’s empowerment in agriculture

Increase use of cost-effective improved products, services, and practices by SHFs

Increase SH farm value

Reduce impact of agricultural volatility for SHFs

Improve access to nutrient-rich foods

Increase quality, efficiency, and reach of government and private sector services

Increase national and state-level resource allocation and policies

Increase quality, availability, and utility of data and evidence

Increase women’s control over resources

Establish products and technologies for smallholder farmers

Establish new high-quality, cost-effective farmer service delivery models

Strengthen global policy, planning, accountability and resource environment

Inclusive agricultural transformation that increases rural incomes, empowers women, better nourishes families, and spurs economic growth

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Figure 1. AgDev Results Framework
10 Headline Portfolio Targets

<table>
<thead>
<tr>
<th>#</th>
<th>Headline goals</th>
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<tbody>
<tr>
<td>1</td>
<td>Net economic benefit to farmer</td>
</tr>
<tr>
<td>2</td>
<td>Effective immunization and medication coverage for priority diseases, by species (%) (defined by package of coverage for each species)</td>
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<tr>
<td>3</td>
<td>Percent of HHs rearing improved animals, by species (%)</td>
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<tr>
<td>4</td>
<td>Percent of improved animal in national herd or flock, by species (%)</td>
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<tr>
<td>5</td>
<td>Volume of business delivered by private sector</td>
</tr>
<tr>
<td>a</td>
<td>• Number of improved DOCs sold</td>
</tr>
<tr>
<td>b</td>
<td>• Number of doses of quality vaccines delivered</td>
</tr>
<tr>
<td>c</td>
<td>• Number of doses of AI delivered, by type (sexed vs conventional)</td>
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<tr>
<td>d</td>
<td>• Volume of milk sold through formal market</td>
</tr>
<tr>
<td>6</td>
<td>Share of total government budget allocated to livestock annually (%)</td>
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<tr>
<td>7</td>
<td>Prioritization and effective implementation of livestock strategy by government</td>
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<tr>
<td>8</td>
<td>Number of products registered (medicines, feed) or released (genetics) (#)</td>
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<tr>
<td>9</td>
<td>Percent increase in women’s control of livestock assets and/or income from livestock (%)</td>
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<tr>
<td>10</td>
<td>Percent increase in per capita consumption of animal sourced foods</td>
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</tbody>
</table>
10 Headline Portfolio Targets

2 Effective immunization and medication
Source: Product registration and sales data
Products registered vaccine and parasitoid

By country
By product

3 Percentage of HH rearing improved animals by species
Source: LSMS latest Year 2016

4 Percentage of improved animals in national herd or flock
Source: Census, government stats

6 Share of total government budget allocated to livestock annually
Source: Government (supplied by CSIRO)