

Approach to prioritizing agricultural value chains

Overview

2025



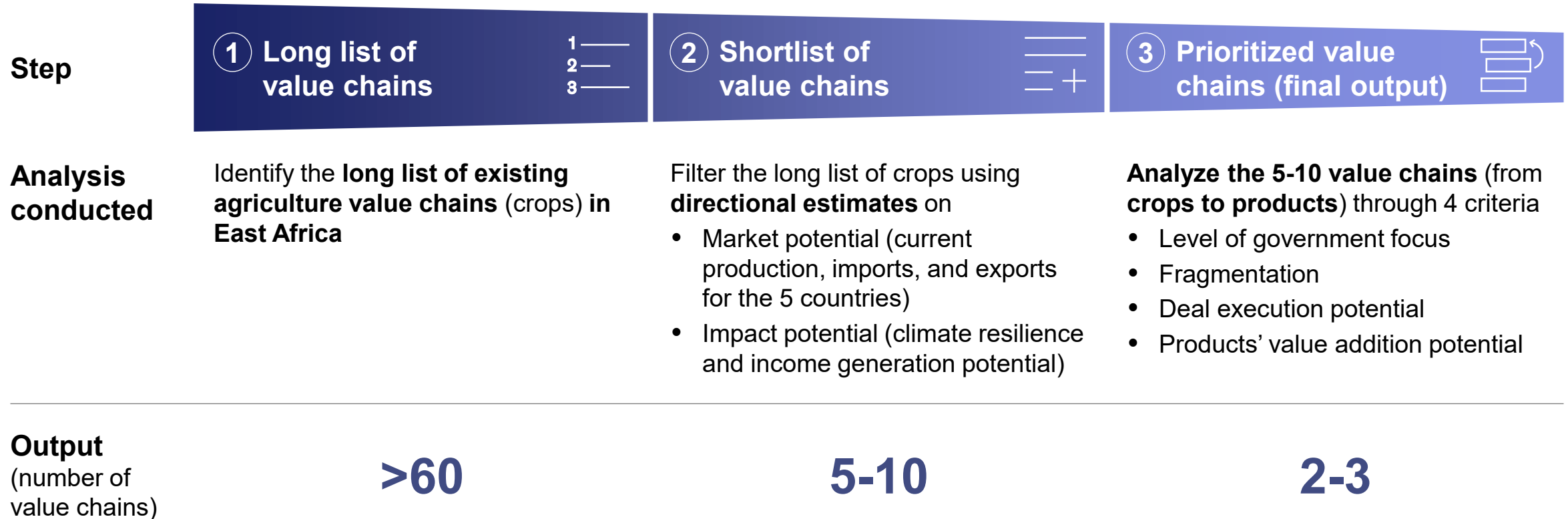
Content

Value chain prioritization

- **Prioritization approach**
- Example outcome for East Africa

Appendix

A 3-step approach could help evaluate and compare multiple agricultural value chains for an investor



For these analyses, leveraged sources include initial desk research (including reports and databases such as FAOSTAT, UN Comtrade, etc.), refined through interviews with Africa agriculture and East Africa country specialists

1. Long list: 60+ crops were identified through multiple sources



Multiple sources were leveraged to **identify the long list of value chains**

- Desk research
- 5+ local practitioners' interviews

Herbs, spices and natural extracts

- Herbs
- Honey
- Seaweed
- Spices¹
- Vanilla

Oilseeds and nuts

- Cashew
- Chia
- Coconut
- Cotton (seed)
- Macadamia
- Sesame
- Soya bean
- Sunflower (seed)

Beverage crops

- Cocoa
- Coffee (Arabica/Robusta)
- Tea

Fruits

- Avocado
- Banana
- Mango
- Pineapple
- Plantain
- Strawberries
- Tomato

Cereals and tubers

- Barley
- Cassava
- Maize
- Millet
- Potato
- Rice
- Sorghum
- Sweet Potato
- Teff
- Wheat

Vegetables and legumes

- Baby corn
- Broccoli
- Cabbage
- Cactus fruit
- Carrot
- Chickpea
- Common bean (haricot)
- Cowpea
- French bean
- Green gram (mung bean)
- Garlic
- Lentil
- Onions
- Pigeon pea
- Snow pea
- Spinach

Livestock and aquaculture

- Beef meat
- Camel milk
- Chicken meat
- Cow milk
- Crustaceans
- Eggs
- Finfish (e.g., tilapia)
- Goat and sheep meat
- Goat milk
- Hides and skins
- Pork meat
- Shellfish

1. Include ginger, black pepper, cardamom, coriander, chili, and turmeric





2. Shortlist: The 60+ crops were prioritized according to their market potential across the 5 countries and impact potential

Dimension	Criteria	Weight	Scoring rationale					Source
			1	2	3	4	5	
Market potential 50%	Domestic market <i>Produced across the 5 countries</i>	50%	<Int\$ 100 M	Int\$ 100-350 M	Int\$ 350 M-1 B	Int\$ 1-5 M	>Int\$ 5 M	FAOSTAT
	Current imports <i>Imported across the 5 countries</i>	30%	<USD 1 M	USD 1-10 M	USD 10-100 M	USD 100 M-1 B	>USD 1 B	ITC Trade Map, UN Comtrade
	Current exports <i>Exported across the 5 countries</i>	20%	<USD 5 M	USD 5-100 M	USD 100-500 M	USD 500 M-1 B	>USD 1 B	ITC Trade Map, UN Comtrade
Impact potential 50%	Climate resilience ¹	50%	Very low	Low	Medium	High	Very high	Press search, local practitioners' interviews
	Income generation potential ²	50%	Very low	Low	Medium	High	Very high	Press search, local practitioners' interviews

Specific value chains could also be excluded at this point e.g., if they are already established

1. Crop's ability to sustain production and recover from climate-related stresses – such as drought, heat, floods, or pests – through inherent tolerance or effective management practices
2. Composite indicator qualitatively looking at (1) labor intensity and (2) quality/high-paid jobs – both metrics are equally weighted

3. Final prioritization: The shortlisted value chains were analyzed from crop to products, through 4 criteria for prioritization (1/2)

Criteria	Key questions	Metrics	Source
1  Level of government support	Is this value chain a priority for local, regional, or national government development plans or policies?	Yes/No	↑ Press search, local practitioners' interviews ↓
2  Fragmentation	Are there multiple similar SMEs within the value chain , with no player holding a large market share?	Qualitative scoring from 1 to 3	↓ PitchBook, Capital IQ ↓
	What is the average size of SMEs operating within this value chain?	Qualitative scoring from 1 to 3	
3  Deal execution potential	How many transactions have happened in the value chain in the past 10 years?	Number of transactions	↑ PitchBook, Capital IQ ↓
	What have been the ticket sizes and instruments used (debt/equity)?	Average ticket size	
4  Products' value addition potential	How many value addition steps are there for the products in this value chain?	Number of steps in the value chain	↑ Press search, local practitioners' interviews ↓
	Do the products derived from this value chain generate relatively high margins compared to others?	Qualitative scoring from 1 to 5	

3. Final prioritization: The shortlisted value chains were analyzed from crop to products, through 4 criteria for prioritization (2/2)

Criteria	Weight	Key question	Scoring rationale				
			1	2	3	4	5
Level of government support	15%	Is this value chain a priority for national government development plans or policies?	Yes for 1/5 country	Yes for 2/5 countries	Yes for 3/5 countries	Yes for 4/5 countries	Yes for 5/5 countries
Fragmentation	30%	Are there multiple similar SMEs within the value chain , with no player holding a large market share?	← Only smallholders or 1 big player	Multiple SMEs in the value chain for some countries	Multiple SMEs in the value chain for most countries	→	
		What is the average size of SMEs operating within this value chain?	← Large	Small	Medium	→	
Deal execution potential	20%	How many transactions have happened in the value chain in the past 15 years?	<2 transactions	2-5 transactions	5-10 transactions	10-30 transactions	>30 transactions
		What have been the average ticket sizes and instruments used (debt/equity)?	<USD 200k or >USD 5 M	USD 200-300k or USD 3-5 M	USD 300k-400k or USD 2-3 M	USD 400-500k or USD 1.5-2 M	USD 500k-1.5 M
Products' value addition potential	35%	How many value addition steps are there for the products in this value chain?	Average of top products <3 steps	Average of top products 3-3.5 steps	Average of top products 3.5-4 steps	Average of top products 4-4.5 steps	Average of top products >4.5 steps
		Do the products derived from this value chain generate relatively high margins compared to others?	Average of top products very low	Average of top products low	Average of top products medium	Average of top products high	Average of top products very high

Content

Value chain prioritization

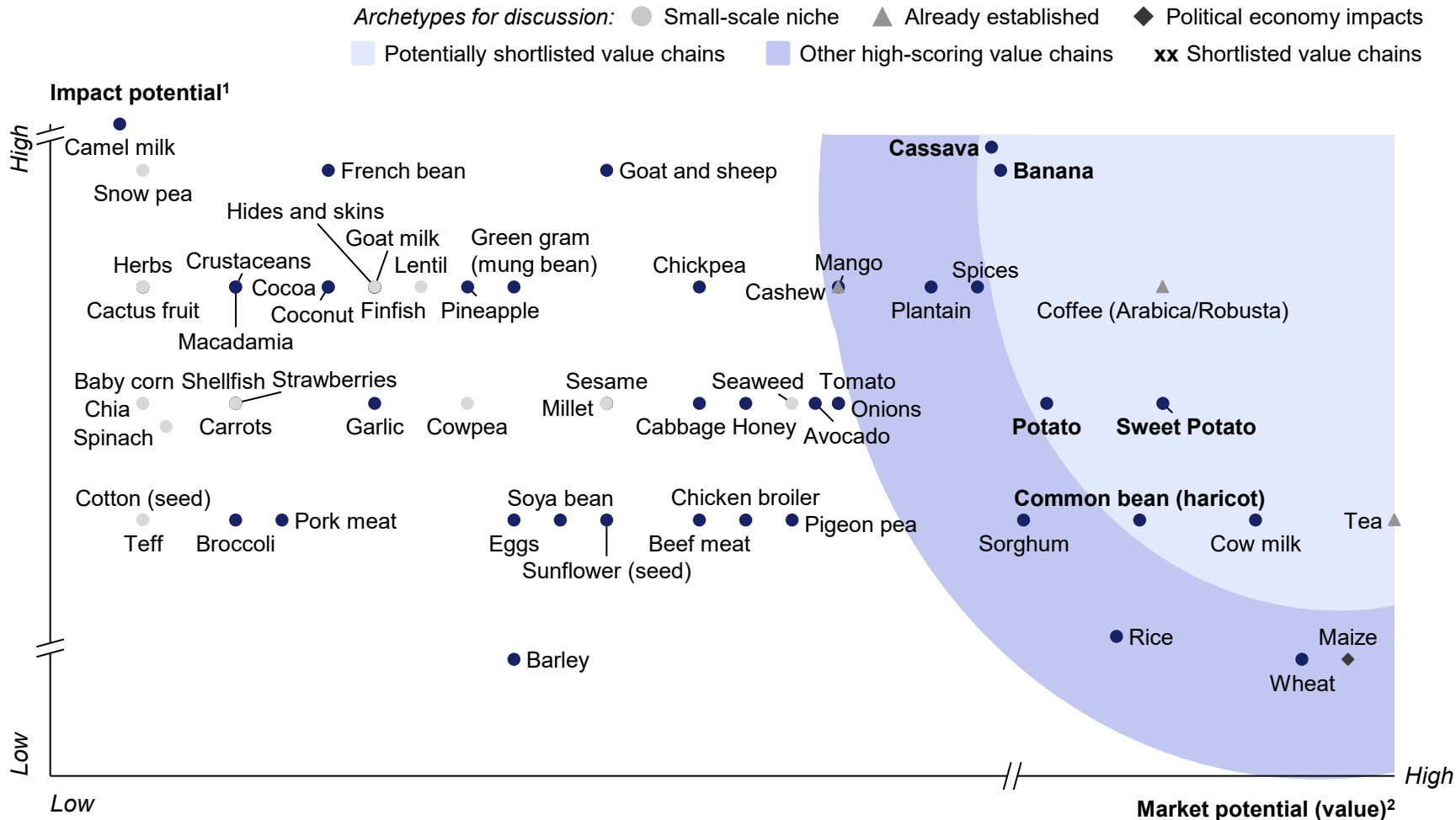
- Prioritization approach

- **Example outcome for East Africa**

Appendix

Shortlist: 6 crops can be shortlisted for value chain analysis based on impact and market potential

Proposed prioritization matrix for value chain shortlist (crop only)



1. Composite indicator qualitatively looking at (1) labor intensity and (2) high-paid jobs – both metrics are equally weighted
2. Accounting for both domestic and export market, equally weighted

Source: ITC Trade Map, UN Comtrade, FAOSTAT, Press search, Expert interviews

Key insights

Based on market and impact potential, 6 crops can be prioritized for value chain analysis: **cassava, banana, potato, sweet potato, cow milk, and common beans**

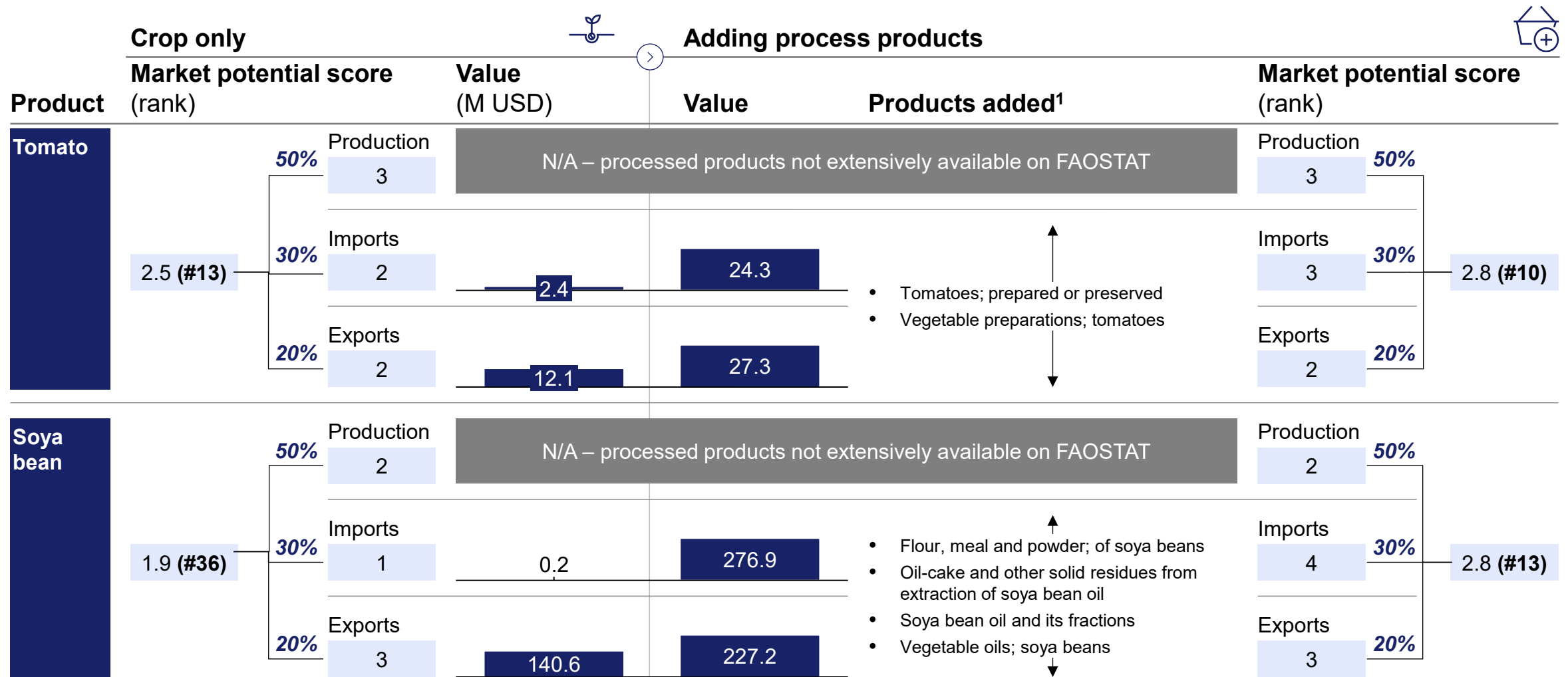
Although ranking high, there could be further questions around tea and coffee due to the already advanced development of the value chain (and therefore

Other crops could be included if they show a particularly high value addition potential (e.g., hides and skins for leather)

Shortlist: Including processed products increases the score of some value chains, but may not significantly alter the shortlist (1/2)

Examples of tomato and soya bean

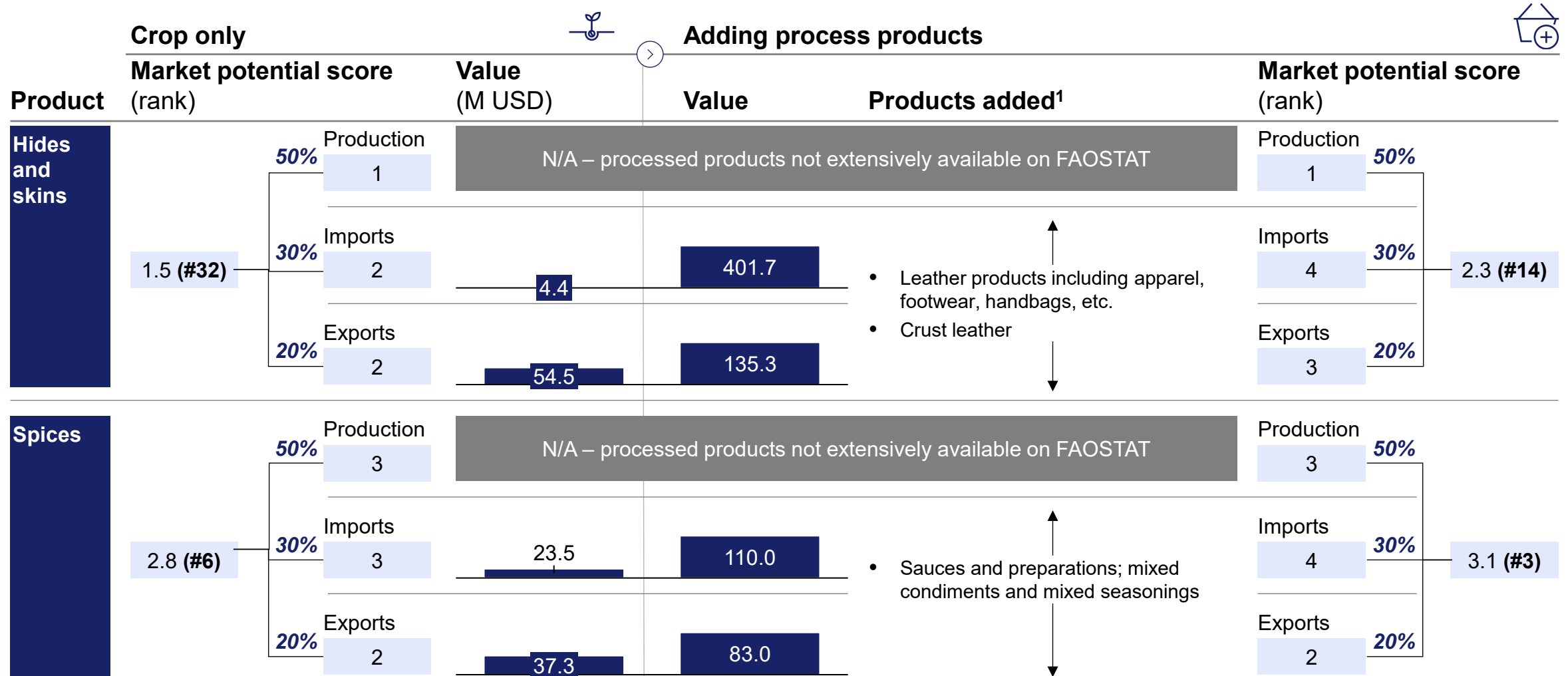
★ Addition to the shortlist



1. Only where there is a clear link between the crop and the end product – most UN Comtrade data include groups of products and cannot be quickly attributed to a specific crop

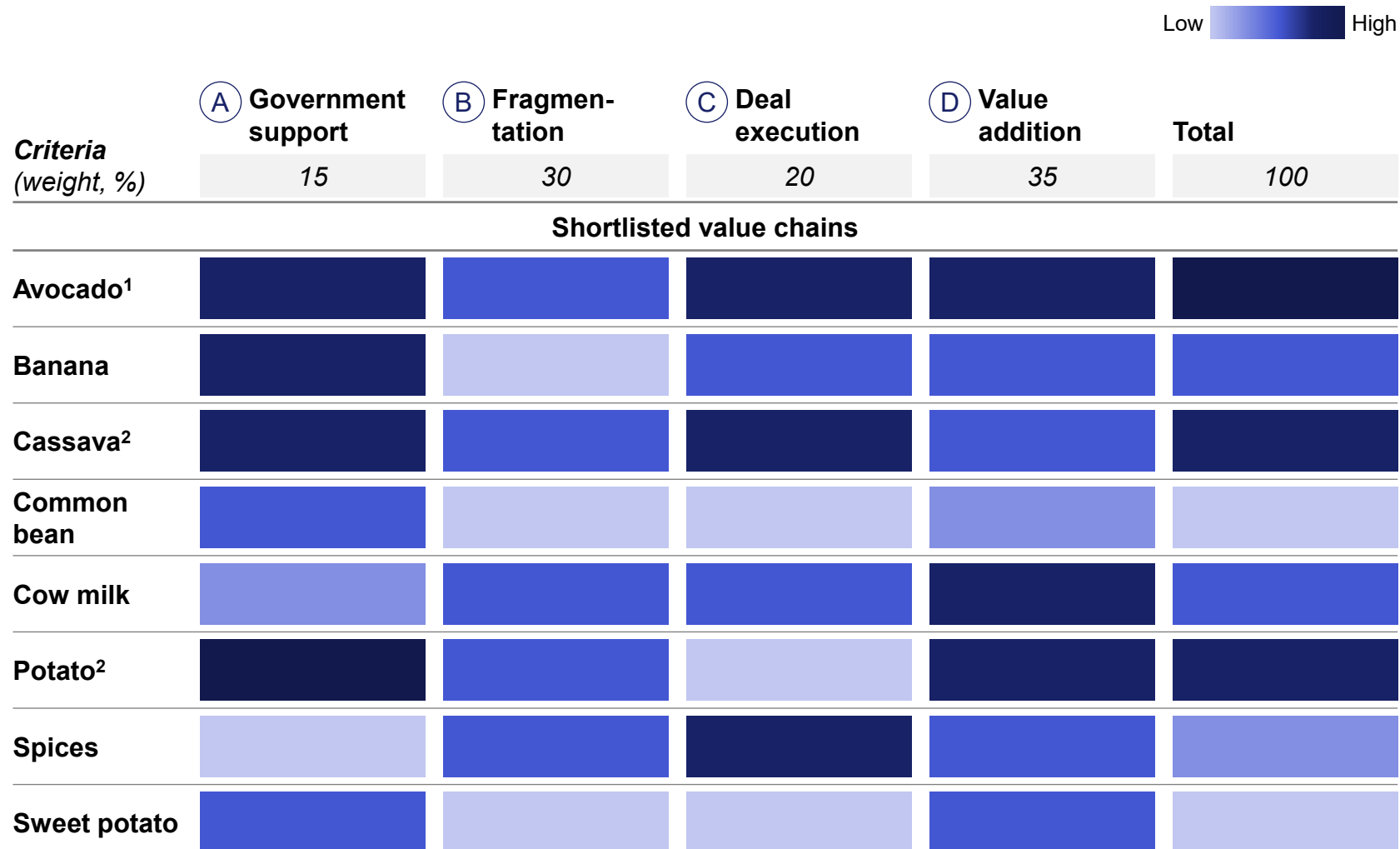
Shortlist: Including processed products increases the score of some value chains, but may not significantly alter the shortlist (2/2)

Examples of hides and skins, and spices



1. Only where there is a clear link between the crop and the end product – most UN Comtrade data include groups of products and cannot be quickly attributed to a specific crop

Final prioritization: Avocado, cassava and cow milk rank higher across 4 criteria



1. While the avocado value chain ranks highest across the 4 criteria, it was not initially shortlisted due to lower domestic/import/export markets and impact potential compared to the other value chains

2. While potato and cassava have similar rankings, cassava was prioritized due to its higher climate resilience

Key insights

Among the 8 shortlisted value chains, **avocado**, **cow milk** and **cassava** rank the highest

The **avocado value chain** concentrates **multiple SMEs** especially in Kenya and Tanzania, a history of **small-scale previous investments** and **strong value addition potential** with avocado oil

The **cassava value chain** is a **national priority** across most countries, presents some **fragmentation with multiple SMEs**, and value addition potential with **flour** or **starch**

The **cow milk value chain** presents high fragmentation with **multiple SMEs** along with some large players, a history of **previous investments**, and **value addition potential** with UHT, powdered milk or yoghurt

Content

Value chain prioritization

Appendix

- **Details for the shortlist**
- Details for the final prioritization

>50 value chains could be ranked across 4 criteria for shortlisting (1/8)

DIRECTIONAL

● Low ● High

Category	Value chain	Market potential			Impact potential	
		Domestic	Imports	Exports	Climate resilience	Income generation potential ¹
Cereals & tubers (1/2)	Barley	● <100 M Int\$ produced	● 10-100 M USD imported, driven by Ethiopia/Uganda	● 5-100 M USD exported, driven by Kenya	● Cool highlands crop, limited resistance to heat/drought	● Often mechanized, decent margins with brewers
	Cassava	● 1-5 B Int\$ produced across the 5 countries	● <1 M USD imported	● 5-100 M USD exported, driven by Uganda/Tanzania	● High tolerance to drought and poor soil, flexible harvest	● Limited mechanization, low prices with little processing
	Maize	● >5 B Int\$ produced across the 5 countries	● 10-100 M USD imported, driven by Uganda	● 100-500 M USD exported, driven by Tanzania/Uganda	● High sensitivity to rainfall timing and heat	● Some mechanization, staple with low margins
	Millet	● 350 M-1 B Int\$ produced across the 5 countries	● <1 M USD imported	● <5 M USD exported	● High tolerance to drought/heat and variable rains	● Manual wedding/harvest, low margins
	Potato	● 1-5 B Int\$ produced across the 5 countries	● 10-100 M USD imported across the 5 countries	● 5-100 M USD exported across the 5 countries	● Cooler climate crop, moderate drought sensitivity	● Multiple hand tasks, moderate margins
	Rice	● 1-5 B Int\$ produced, driven by Tanzania	● 10-100 M USD imported, driven by Uganda	● 100-500 M USD exported across the 5 countries	● High water needs, limited tolerance to drought/floods	● Multiple hand tasks, limited margins from the farm
	Sorghum	● 1-5 B Int\$ produced, driven by Ethiopia	● 10-100 M USD imported across the 5 countries	● 5-100 M USD exported across the 5 countries	● High tolerance to heat/low rainfall, and poor soil	● Multiple hand tasks, limited premium channels
	Sweet Potato	● 1-5 B Int\$ produced across the 5 countries	● 100 M-1 B USD imported across the 5 countries	● 5-100 M USD exported across the 5 countries	● High tolerance to poor soils/ variable rain, flexible harvest	● Manual tasks, limited processing

¹ Composite indicator qualitatively looking at (1) labor intensity and (2) quality/high-paid jobs – both metrics are equally weighted

>50 value chains could be ranked across 4 criteria for shortlisting (2/8)

DIRECTIONAL

● Low ● High

Category	Value chain	Market potential			Impact potential	
		Domestic	Imports	Exports	Climate resilience	Income generation potential ¹
Cereals & tubers (2/2)	Teff	● <100 M Int\$ produced	● <1 M USD imported	● <5 M USD exported	● Moderate resilience; sensitive to heavy rains	● Manual tasks, sustained prices in Ethiopia
	Wheat	● 1-5 B Int\$ produced, driven by Ethiopia	● >1 B USD imported across the 5 countries	● 5-100 M USD exported, driven by Kenya	● Yield sensitive to heat/drought	● More mechanized, moderate margins
Vegetables & legumes (1/3)	Baby corn	● <100 M Int\$ produced	● <1 M USD imported	● <5 M USD exported	● Moderate resilience with irrigation	● Frequent small size harvests, relatively high prices
	Broccoli	● <100 M Int\$ produced	● <1 M USD imported	● 5-100 M USD exported, driven by Kenya	● Cool-season crop, sensitive to heat and water stress	● Multiple handling tasks, high-end demand
	Cabbage	● 350 M-1 B Int\$ produced, across the 5 countries	● <1 M USD imported	● 5-100 M USD exported, driven by Kenya	● Moderate resilience with irrigation	● High labor needs, high loss risk and price variability
	Cactus fruit	● <100 M Int\$ produced	● <1 M USD imported	● <5 M USD exported	● Highly drought and heat tolerant	● Low input and labor needs, mostly informal
	Carrot	● <100 M Int\$ produced	● <1 M USD imported	● 5-100 M USD exported, driven by Ethiopia/Kenya	● Thrives under moderate conditions	● Multiple handling tasks, moderate income
	Chickpea	● 100-350 M Int\$ produced, driven by Ethiopia	● 1-10 M USD imported, driven by Uganda	● 100-500 M USD exported, driven by Tanzania	● High tolerance to heat and rains	● Manual tasks, higher prices than staples
	Common bean (haricot)	● 1-5 B Int\$ produced across the 5 countries	● 10-100 M USD imported, driven by Kenya	● 100-500 M USD exported, driven by Ethiopia	● Sensitive to rain variability, drought tolerance	● Manual tasks, fair margins as staple with regional trade

¹ Composite indicator qualitatively looking at (1) labor intensity and (2) quality/high-paid jobs – both metrics are equally weighted

>50 value chains could be ranked across 4 criteria for shortlisting (3/8)

DIRECTIONAL

● Low ● High

Category	Value chain	Market potential			Impact potential	
		Domestic	Imports	Exports	Climate resilience	Income generation potential ¹
Vegetables & legumes (2/3)	Cowpea	100-350 M Int\$ produced, driven by Kenya/Tanzania	<1 M USD imported	5-100 M USD exported across the 5 countries	Highly drought-/heat-tolerant, stress-resilient	Low operation frequency, primarily for local markets
	French bean	<100 M Int\$ produced	<1 M USD imported	100-500 M USD exported across the 5 countries	Managed under irrigation, heat-/rain-sensitive bloom	High labor intensity, export potential
	Garlic	100-350 M Int\$ produced, driven by Ethiopia	<1 M USD imported	<5 M USD exported	Grows in multiple climates but prefers cool, dry seasons	Multiple handling tasks, strong demand
	Green gram (mung bean)	<100 M Int\$ produced	10-100 M USD imported, driven by Rwanda/Uganda	5-100 M USD exported across the 5 countries	Drought- and heat-tolerant	Moderate labor, sustained prices with regional demand
	Lentil	<100 M Int\$ produced	10-100 M USD imported, driven by Ethiopia	<5 M USD exported	Cool/dry-season crop, tolerates water stress	Manual tasks, moderate price premiums
	Onions	350 M-1 B Int\$ produced across the 5 countries	1-10 M USD imported, driven by Kenya	5-100 M USD exported across the 5 countries	Moderate resilience with irrigation	Multiple hand tasks, price variability but decent
	Pigeon pea	350 M-1 B Int\$ produced, driven by Kenya/Tanzania	<1 M USD imported	100-500 M USD exported across the 5 countries	Deeply rooted, drought-tolerant	Low operations frequency, modest prices
	Snow pea	<100 M Int\$ produced	<1 M USD imported	<5 M USD exported	Cool-season crop, weather-sensitive bloom	Multiple hands harvests, potential high unit value

¹ Composite indicator qualitatively looking at (1) labor intensity and (2) quality/high-paid jobs – both metrics are equally weighted

>50 value chains could be ranked across 4 criteria for shortlisting (4/8)

DIRECTIONAL

● Low ● High

Category	Value chain	Market potential			Impact potential	
		Domestic	Imports	Exports	Climate resilience	Income generation potential ¹
Vegetables & legumes (3/3)	Spinach	● <100 M Int\$ produced	● <1 M USD imported	● <5 M USD exported	● Managed with irrigation/shade but heat-sensitive	● Frequent harvest, fair margins but spoilage risk
	Cashew	● 100-350 M Int\$ produced, driven by Tanzania	● 10-100 M USD imported, driven by Rwanda/Uganda	● 100-500 M USD exported, driven by Tanzania	● Suited to dry coastal zones, tolerates poor soil	● Labor for collection and processing, moderate value
	Chia	● <100 M Int\$ produced	● <1 M USD imported	● <5 M USD exported	● Tolerates drought and moderate heat	● Few field operations, niche markets support prices
Oilseeds and nuts (1/2)	Coconut	● <100 M Int\$ produced	● <1 M USD imported	● 100-500 M USD exported, driven by Tanzania	● Tolerant to drought and coastal conditions	● Manual tasks, stable revenue from multiple products
	Cotton (seed)	● <100 M Int\$ produced	● <1 M USD imported	● <5 M USD exported	● Rain variability sensitivity but drought tolerance	● Labor-intensive picking, steady markets
	Macadamia	● <100 M Int\$ produced	● <1 M USD imported	● 5-100 M USD exported, driven by Kenya	● Sensitive to long drought/heat during nut set	● Manual tasks, potential high prices with formal contracts
	Sesame	● 350 M-1 B Int\$ produced across the 5 countries	● <1 M USD imported	● <5 M USD exported	● Suited to hot/dry areas, low water needs	● Low operations, exportable oilseed with decent prices
	Soya bean	● 100-350 M Int\$ produced across the 5 countries	● <1 M USD imported	● 100-500 M USD exported, driven by Ethiopia	● Moderate resilience, heat-sensitive bloom	● Mechanizable, contracts offer moderate income

¹ Composite indicator qualitatively looking at (1) labor intensity and (2) quality/high-paid jobs – both metrics are equally weighted

>50 value chains could be ranked across 4 criteria for shortlisting (5/8)

DIRECTIONAL

● Low ● High

Category	Value chain	Market potential			Impact potential	
		Domestic	Imports	Exports	Climate resilience	Income generation potential ¹
Oilseeds and nuts (2/2)	Sunflower (seed)	350 M-1 B Int\$ produced, driven by Tanzania/Uganda	<1 M USD imported	<5 M USD exported	Moderate drought tolerance, heat-sensitive bloom	Moderate labor, potential added value from crushing
Beverage crops	Cocoa	<100 M Int\$ produced	<1 M USD imported	100-500 M USD exported, driven by Uganda	Managed with shade, sensitive to humidity	Laborious and skill-based, relatively high income
	Coffee (Arabica/Robusta)	1-5 B Int\$ produced across the 5 countries	1-10 M USD imported, driven by Kenya and Rwanda	>1 B USD exported across the 5 countries	Arabica sensitive to heat, Robusta more tolerant	High labor needs, high-value exports with premiums
	Tea	>5 B Int\$ produced, driven by Kenya	1-10 M USD imported across the 5 countries	>1 B USD exported, driven by Kenya	Sensitive to heat/drought, requires regular rainfall	High labor needs, relatively high income
Fruits (1/2)	Avocado	350 M-1 B Int\$ produced, driven by Kenya/Ethiopia	<1 M USD imported	100-500 M USD exported, driven by Kenya	Moderate drought tolerance, high-heat sensitivity	Moderate labor needs, strong prices driven by export boom
	Banana	1-5 B Int\$ produced across the 5 countries	<1 M USD imported	5-100 M USD exported across the 5 countries	Tolerates variable rainfall	Multiple handling tasks, reliable but moderate prices
	Mango	350 M-1 B Int\$ produced across the 5 countries	1-10 M USD imported, driven by Rwanda and Uganda	5-100 M USD exported, driven by Kenya	Deep roots and drought tolerance	Moderate labor, potential export premiums
	Pineapple	100-350 M Int\$ produced across the 5 countries	<1 M USD imported	5-100 M USD exported, driven by Kenya	Sensitive to extreme heat/drought	High labor needs, higher income from export/processing

¹ Composite indicator qualitatively looking at (1) labor intensity and (2) quality/high-paid jobs – both metrics are equally weighted

>50 value chains could be ranked across 4 criteria for shortlisting (6/8)

DIRECTIONAL

● Low ● High

Category	Value chain	Market potential			Impact potential	
		Domestic	Imports	Exports	Climate resilience	Income generation potential ¹
Fruits (2/2)	Plantain	1-5 B Int\$ produced, driven by Uganda	<1 M USD imported	5-100 M USD exported, driven by Uganda/ Ethiopia	Resilient to drought	Manual tasks with moderate labor, moderate income
	Strawberries	<100 M Int\$ produced	<1 M USD imported	5-100 M USD exported, driven by Ethiopia/Kenya	Sensitive to heat and water stress	High labor needs, niche with high income potential
	Tomato	100-350 M Int\$ produced across the 5 countries	1-10 M USD imported, driven by Uganda and Rwanda	5-100 M USD exported across the 5 countries	Manageable with irrigation	High labor needs, processing can raise value
Livestock and aquaculture (1/2)	Beef meat	100-350 M Int\$ produced across the 5 countries	<1 M USD imported	5-100 M USD exported, driven by Kenya/ Tanzania	Moderate heat tolerance of cattle	Little labor for extensive herding, moderate income
	Camel milk	<100 M Int\$ produced	<1 M USD imported	<5 M USD exported	High drought and heat tolerance	Daily herding and milking, niche high-value product
	Chicken broiler	100-350 M Int\$ produced, driven by Kenya	10-100 M USD imported across the 5 countries	5-100 M USD exported across the 5 countries	Heat- and feed-sensitive	Intensive short cycles, generally profitable
	Cow milk	>5 B Int\$ produced across the 5 countries	10-100 M USD imported, driven by Kenya	5-100 M USD exported driven by Uganda	High sensitivity to heat, feed, and water	Continuous manual effort, stable income
	Crustaceans	<100 M Int\$ produced	<1 M USD imported	5-100 M USD exported driven by Tanzania/ Kenya	Moderate resilience to climate conditions	Continuous labor needs, high value exports

¹ Composite indicator qualitatively looking at (1) labor intensity and (2) quality/high-paid jobs – both metrics are equally weighted

>50 value chains could be ranked across 4 criteria for shortlisting (7/8)

DIRECTIONAL

● Low ● High

Category	Value chain	Market potential			Impact potential	
		Domestic	Imports	Exports	Climate resilience	Income generation potential ¹
Livestock and aquaculture (2/2)	Eggs	● <100 M Int\$ produced	● 10-100 M USD imported across the 5 countries	● 5-100 M USD exported across the 5 countries	● Sensitive to heat	● High labor needs, consistent income
	Finfish	● <100 M Int\$ produced	● <1 M USD imported	● <5 M USD exported	● Heat tolerance but sensitive to reduced water levels	● High supervision need, decent income
	Goat and sheep	● 100-350 M Int\$ produced across the 5 countries	● 1-10 M USD imported across the 5 countries	● 5-100 M USD exported across the 5 countries	● High tolerance to drought and heat	● Extensive herding, reliable income but mostly informal
	Goat milk	● 100-350 M Int\$ produced across the 5 countries	● <1 M USD imported	● <5 M USD exported	● Tolerant to heat and poor feed, produces in dry periods	● Manual efforts, niche market with moderate income
	Hides and skins	● <100 M Int\$ produced	● 1-10 M USD imported across the 5 countries	● 5-100 M USD exported across the 5 countries	● By-product not directly affected by climate	● Moderate manual work, decent processing income
	Pork meat	● <100 M Int\$ produced	● 1-10 M USD imported, driven by Kenya	● <5 M USD exported	● Heat-sensitive, dependency on feed	● Intensive handling, potentially profitable
	Shellfish	● <100 M Int\$ produced	● <1 M USD imported	● 5-100 M USD exported driven by Kenya/ Tanzania	● Vulnerable to warming and acidification	● Moderate labor needs, often high-value export niche

¹ Composite indicator qualitatively looking at (1) labor intensity and (2) quality/high-paid jobs – both metrics are equally weighted

² Includes basil, mint, rosemary, thyme, etc.

³ Includes black pepper, cardamom, chili, clove, coriander, ginger, turmeric

>50 value chains could be ranked across 4 criteria for shortlisting (8/8)

DIRECTIONAL

● Low ● High

Category	Value chain	Market potential			Impact potential	
		Domestic	Imports	Exports	Climate resilience	Income generation potential ¹
Herbs, spices & natural extracts	Herbs ²	● <100 M Int\$ produced	● <1 M USD imported	● <5 M USD exported	● Generally strong resilience with drought tolerance	● Moderate labor, small markets but steady income
	Honey	● 100-350 M Int\$ produced across the 5 countries	● 1-10 M USD imported, driven by Rwanda	● <5 M USD exported	● Reduced risk due to forage diversity	● Limited labor, higher income from branding/processing
	Seaweed	● <100 M Int\$ produced	● >1 B USD imported across the 5 countries	● 5-100 M USD exported, driven by Tanzania	● Unaffected by terrestrial droughts	● Manual coastal work, potential high income
	Spices ³	● 100-350 M Int\$ produced across the 5 countries	● 10-100 M USD imported across the 5 countries	● 5-100 M USD exported, across the 5 countries	● Mixed resilience, generally moderate	● Multiple manual tasks, high export potential
	Vanilla	● <100 M Int\$ produced	● 1-10 M USD imported, driven by Kenya	● 5-100 M USD exported, driven by Uganda	● Sensitive to humidity/temperature	● High labor intensity and export value

¹ Composite indicator qualitatively looking at (1) labor intensity and (2) quality/high-paid jobs – both metrics are equally weighted

² Includes basil, mint, rosemary, thyme, etc.

³ Includes black pepper, cardamom, chili, clove, coriander, ginger, turmeric

Content

Value chain prioritization

Appendix





















- Details for the shortlist

- **Details for the final prioritization**

The shortlisted value chains can be assessed relatively to each other across 4 criteria (1/2)

DIRECTIONAL

 Details follow





















Value chain	① Government support	② Fragmentation	③ Deal execution potential	④ Value addition potential
Banana 	 Highlighted as national priority crop for 4 countries out of 5 (all except Kenya)	 Largely smallholder-driven , with few SME processors such as Mazao Agro in Uganda or ZEAN in Rwanda	 1 transaction recorded in the past 5 years with a ticket size of USD 1 M	 Products include banana chips, flour, or puree , involving multiple value addition steps and moderate margins
Cassava 	 Highlighted as priority crop for 4 out of the 5 countries (all except Ethiopia)	 Varies according to the country with few SMEs in Kenya (e.g., Yuka Africa), Tanzania (e.g., GIPA Foods), and Rwanda (e.g., Kinazi) Dominated by Pura Organic in Uganda and smallholder-driven in Ethiopia	 2 transactions recorded in the past 5 years, with an average ticket size of USD 1.4 M	 Moderate potential for value addition with products such as cassava flour or starch
Common beans 	 Highlighted as national priority crop for Tanzania, Uganda, and Rwanda	 Few processors and exporters (e.g., Kamili Packers in Kenya, Shri Salasar in Tanzania) Other traders are not bean-focused (e.g., Upendo Ventures in Uganda, Hajuta in Ethiopia)	 1 transaction recorded in the past 5 years	 Limited value addition potential with key products including canned/cooked beans and bean flour
Cow milk 	 Highlighted as national priority in Kenya and Rwanda	 Large players along with multiple processors across the 5 countries (e.g., Pearl Dairy in Uganda, Bio Foods in Kenya)	 7 transactions recorded in the past 5 years, with an average ticket size of USD >15 M	 High-value products such as yoghurt, cheese or butter , with limited value addition steps

Source: Press search, PitchBook, Kenya National Root and Tuber Crops Development Strategy, Tanzania Agricultural Sector Development Programme Phase II, Uganda Agriculture Sector Strategic Plan, Ethiopia National Potato and Sweet potato Development Strategy, Rwanda Crop Intensification Program, Local practitioners' interviews

The shortlisted value chains can be assessed relatively to each other across 4 criteria (2/2)

DIRECTIONAL

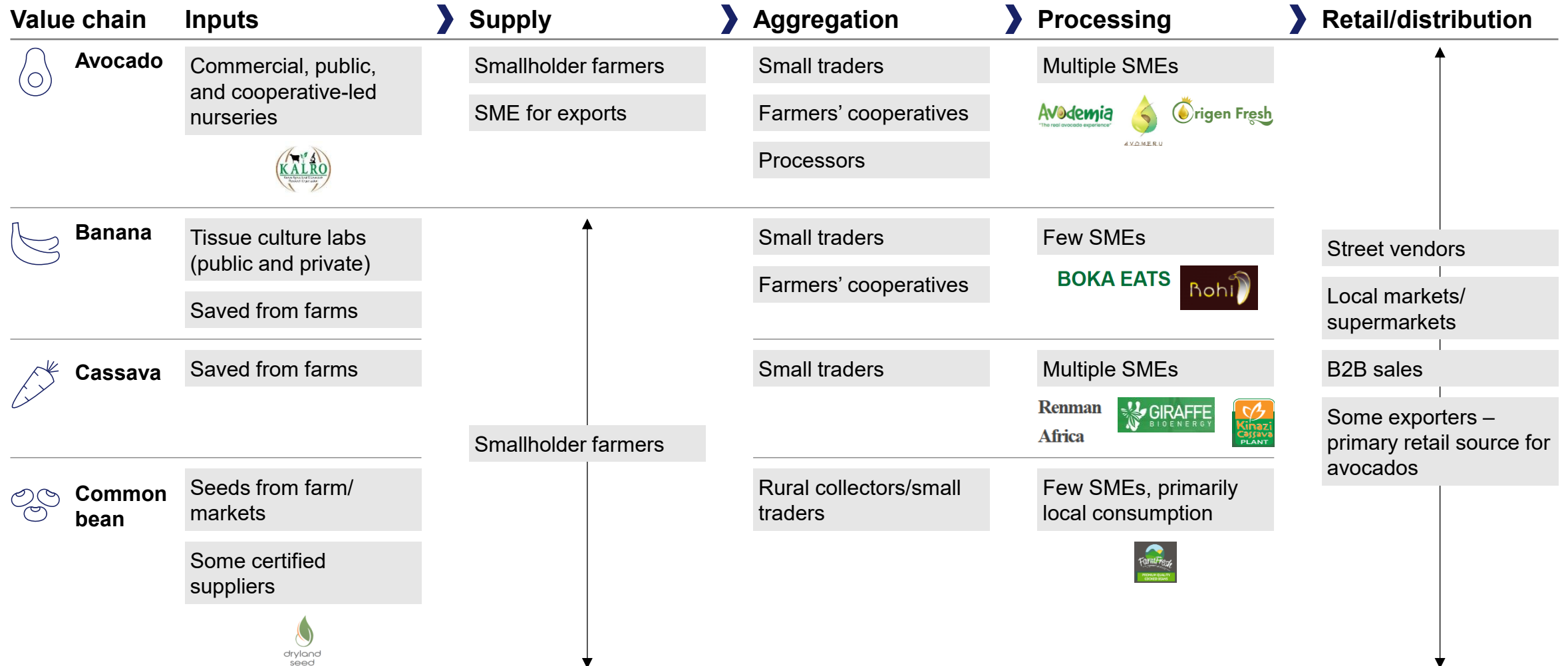
 Details follow

Value chain	① Government support	② Fragmentation	③ Deal execution potential	④ Value addition potential
Potato 	 Highlighted as a national priority crop for each of the 5 countries	 Multiple players in chips production across the 5 countries with few SMEs players in Tanzania, Uganda, Ethiopia, Rwanda Kenya driven by larger players, e.g., Propack	 4 transactions recorded in the past 5 years, with an average ticket size of USD <100k	 Limited steps of value addition with final products such as potato fries, chips, or starch but high potential margins
Spices 	 No record found of spices being a national priority in any of the countries	 Multiple SMEs registered in Kenya (e.g., Simba Mbili, MACE foods) Few players in Tanzania (e.g., Trianon Spices) or Uganda (e.g., Africa Spices) Large players also present (e.g., Chirag, Royco)	 4 transactions recorded in the past 5 years, with an average ticket size of USD 1.1 M	 Moderate value addition potential with products including powder or sauces/pastes ; essential oil possible but very limited development in East Africa
Sweet potato 	 Highlighted as national priority crop for Kenya, Tanzania, and Ethiopia	 Largely smallholder-driven in Tanzania, Uganda, and Ethiopia Few SME processors in Kenya (e.g., Organi) and Rwanda (e.g., Ikijumba One Stop Shop)	 1 transaction recorded in the past 5 years	 Moderate value addition potential with products including sweet potato fries, chips, and flour
Avocado 	 Highlighted as national priority crop for all countries except Uganda	 Multiple producing and processing SMEs in Kenya and Tanzania Few SMEs in Uganda, Ethiopia and Rwanda	 3 transactions recorded in the past 5 years, with an average ticket size of USD 1 M	 High value addition potential with avocado oil both for food and cosmetics uses

Source: Press search, PitchBook, Kenya National Root and Tuber Crops Development Strategy, Tanzania Agricultural Sector Development Programme Phase II, Uganda Agriculture Sector Strategic Plan, Ethiopia National Potato and Sweet potato Development Strategy, Rwanda Crop Intensification Program, Local practitioners' interviews

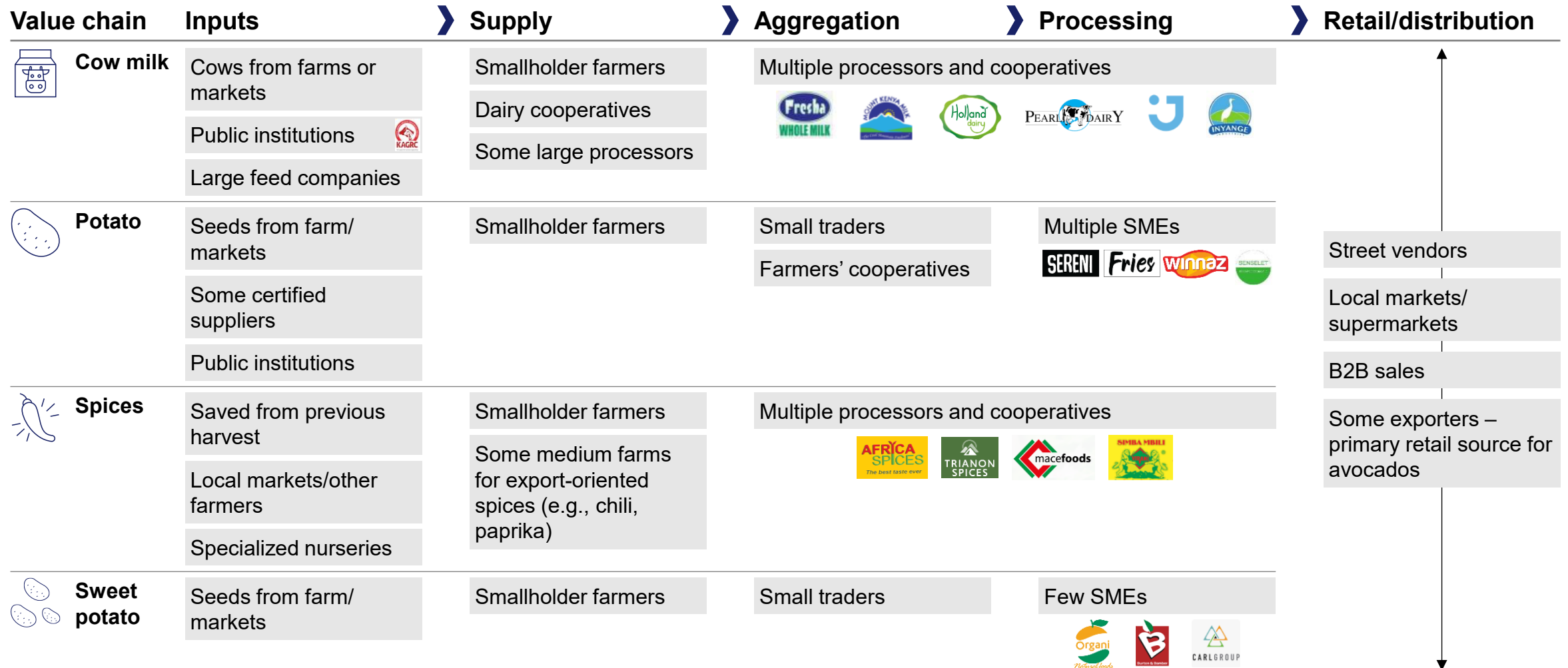
2. Fragmentation: Supply is fragmented across all value chains, with majority of SMEs in the processing space (1/2)

DIRECTIONAL



2. Fragmentation: Supply is fragmented across all value chains, with majority of SMEs in the processing space (2/2)

DIRECTIONAL

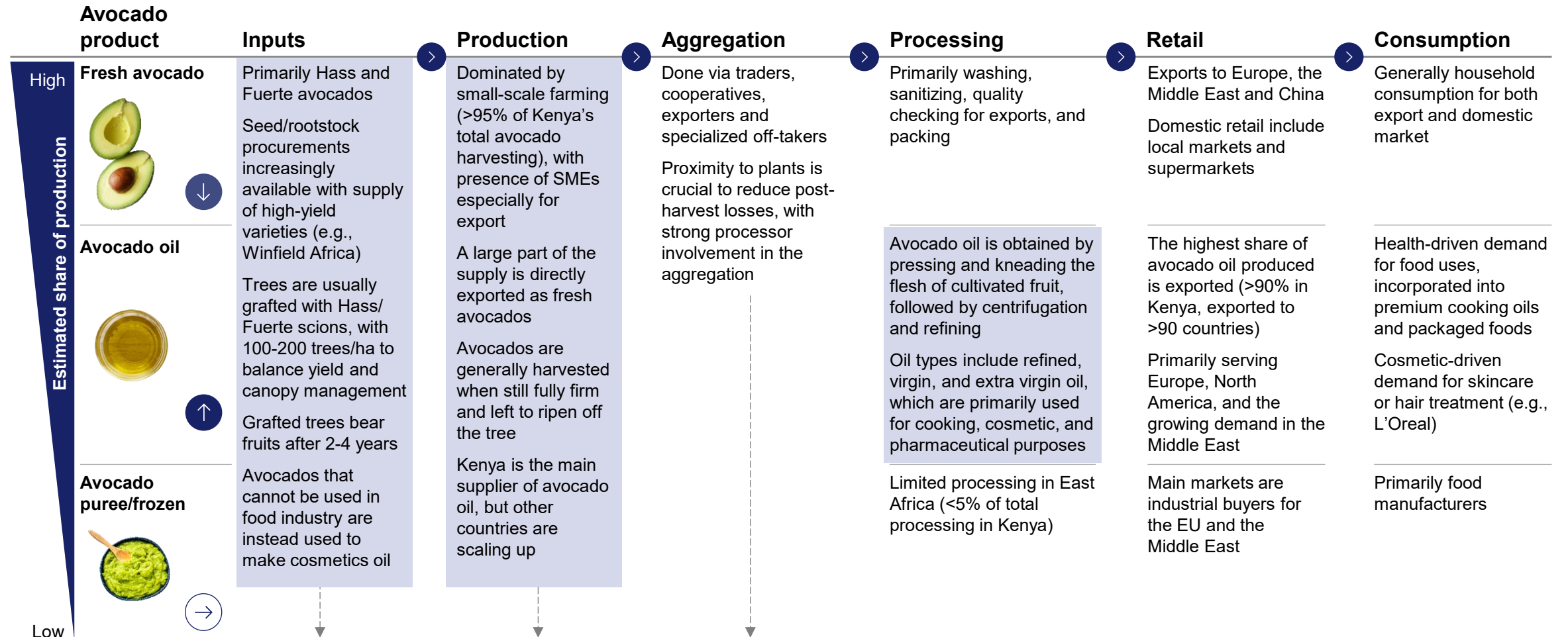


4. Value addition potential: Avocado value chain



DIRECTIONAL

Value added from the crop ↑ High → Medium ↓ Low Multiple SMEs across East Africa

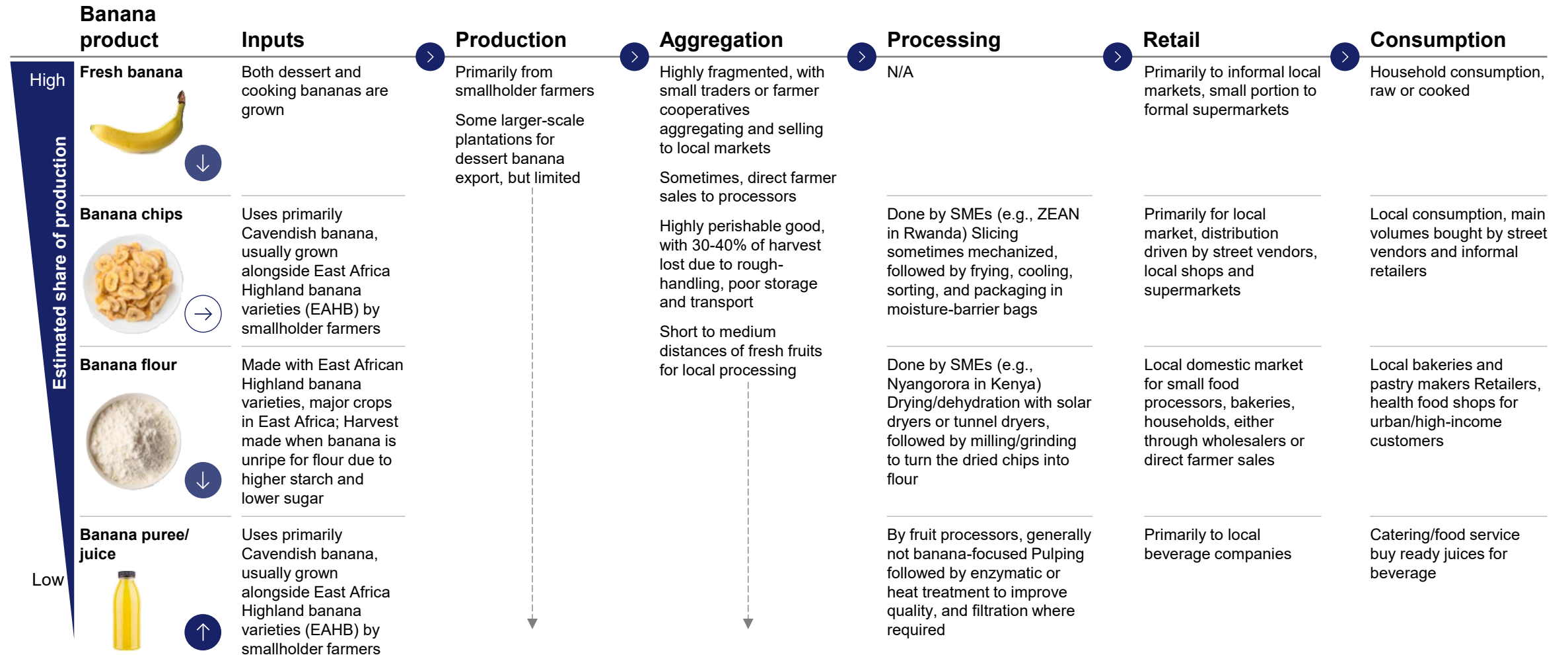


4. Value addition potential: Banana value chain



DIRECTIONAL

Value added from the crop ↑ High → Medium ↓ Low Multiple SMEs across East Africa



Estimated share of production

High

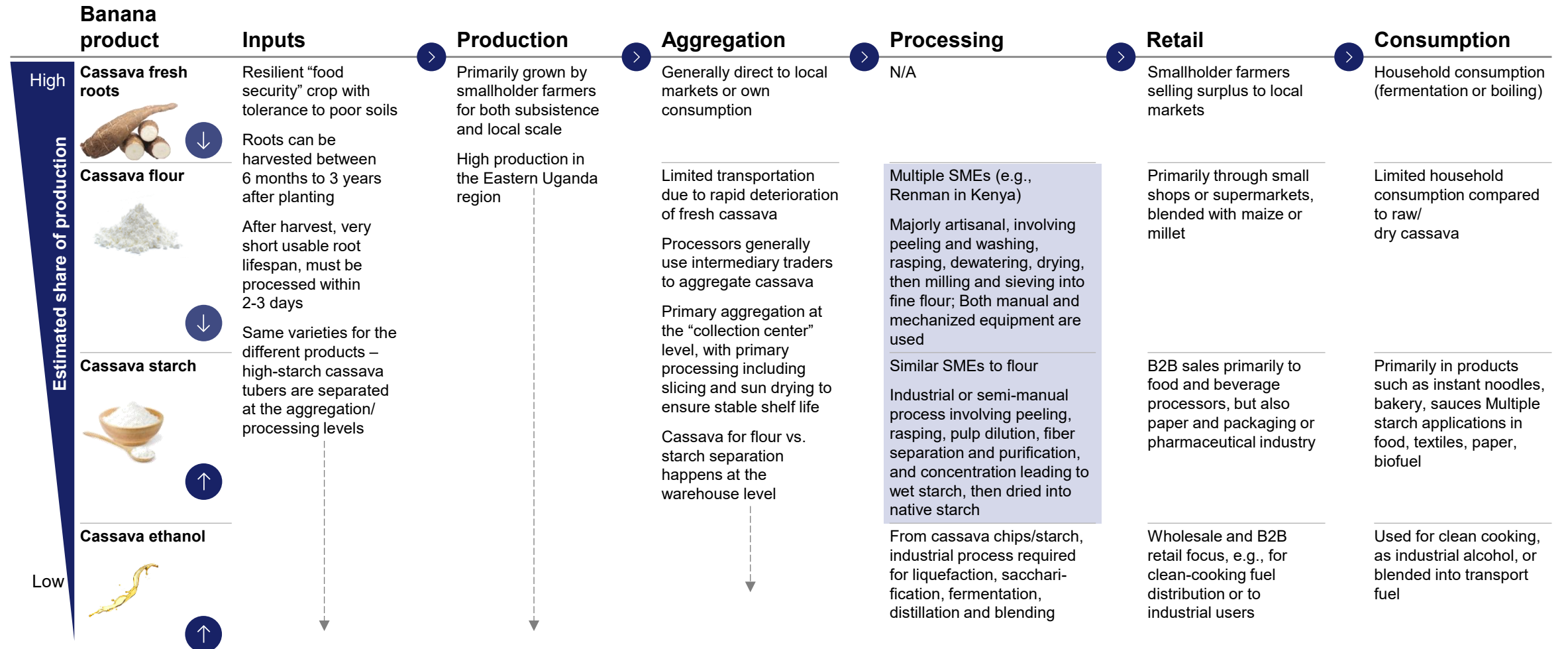
Low

4. Value addition potential: Cassava value chain



DIRECTIONAL

Value added from the crop ↑ High → Medium ↓ Low ■ Multiple SMEs across East Africa



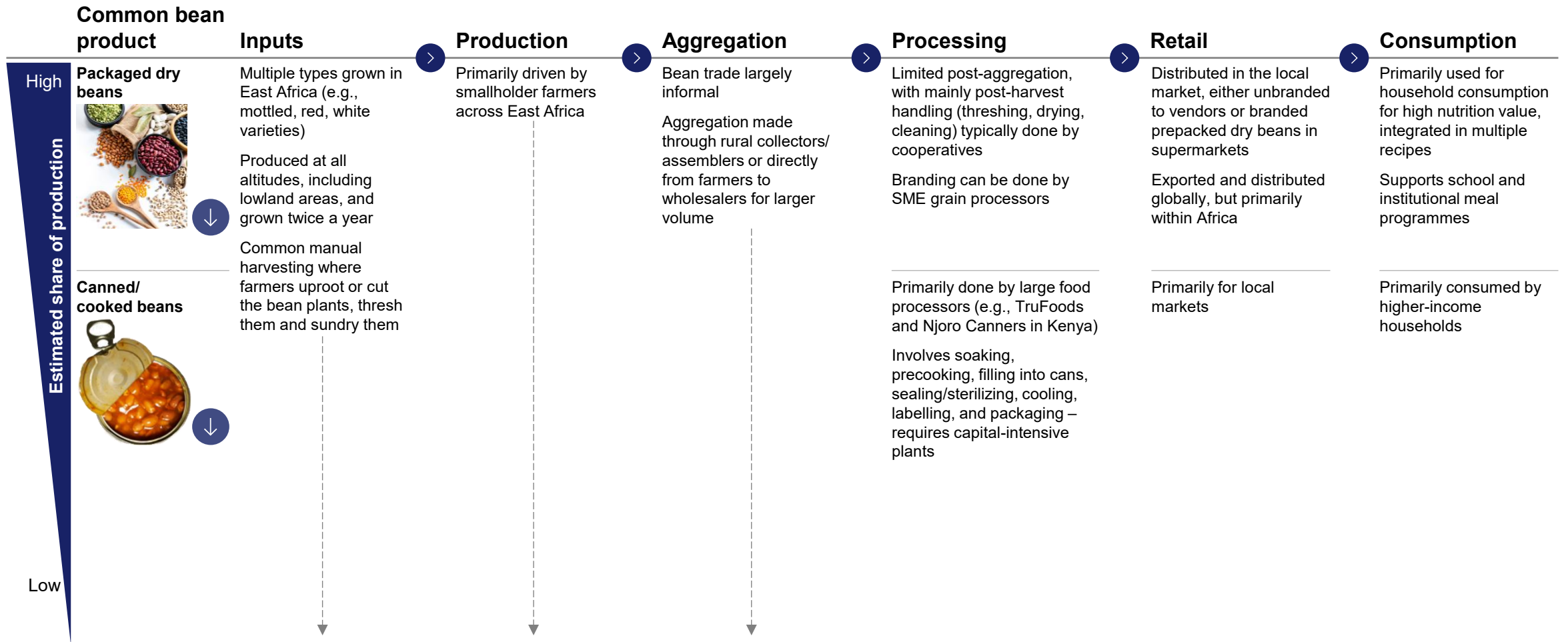
Source: Local practitioners' interviews, FAO, World Bank, IITA, Evans School Policy Analysis and Research Group

4. Value addition potential: Common bean (haricot) value chain



DIRECTIONAL

Value added from the crop ↑ High → Medium ↓ Low ■ Multiple SMEs across East Africa

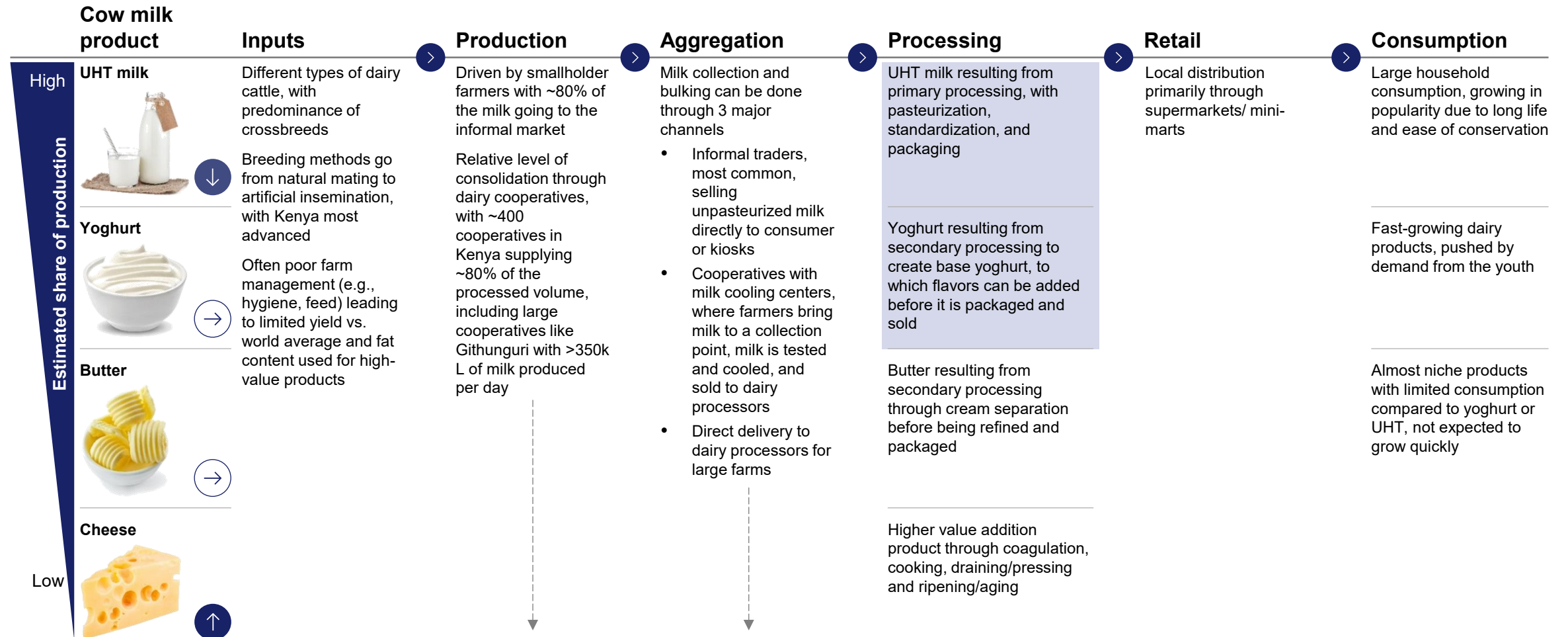


4. Value addition potential: Cow milk value chain



DIRECTIONAL

Value added from the crop ↑ High → Medium ↓ Low ■ Multiple SMEs across East Africa

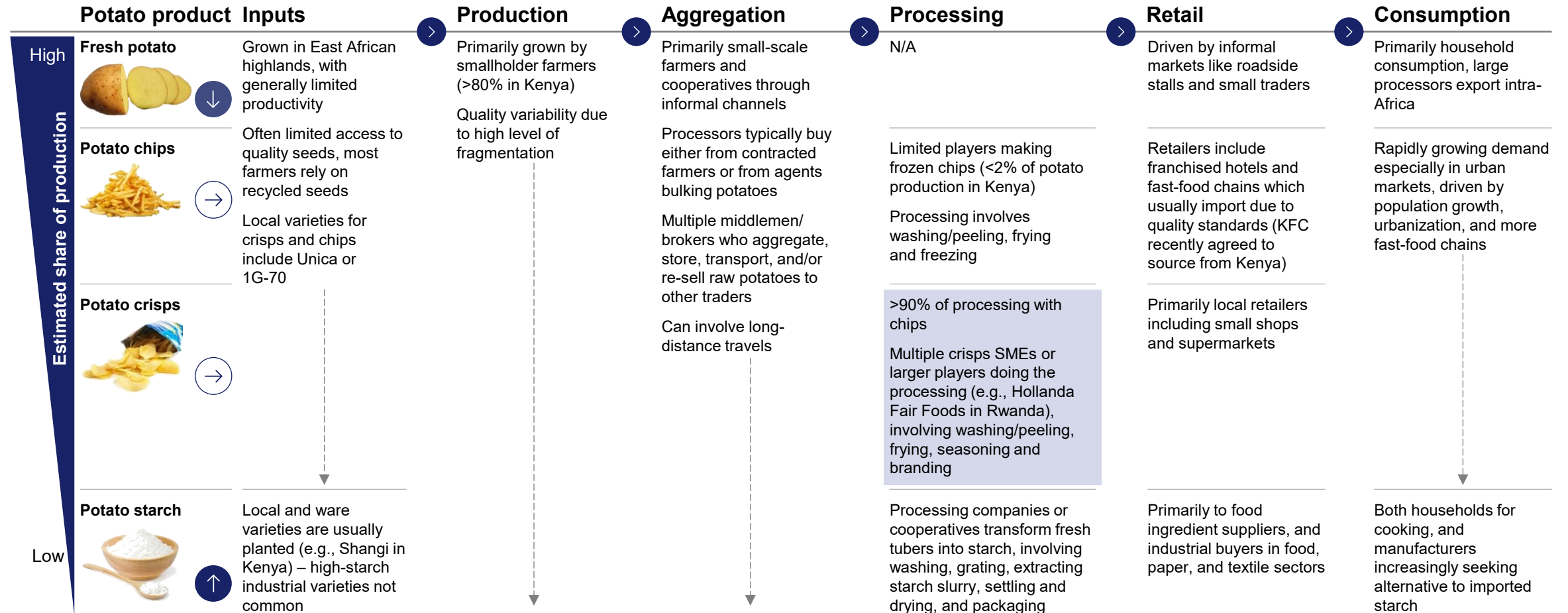


4. Value addition potential: Potato value chain



DIRECTIONAL

Value added from the crop ↑ High → Medium ↓ Low ■ Multiple SMEs across East Africa



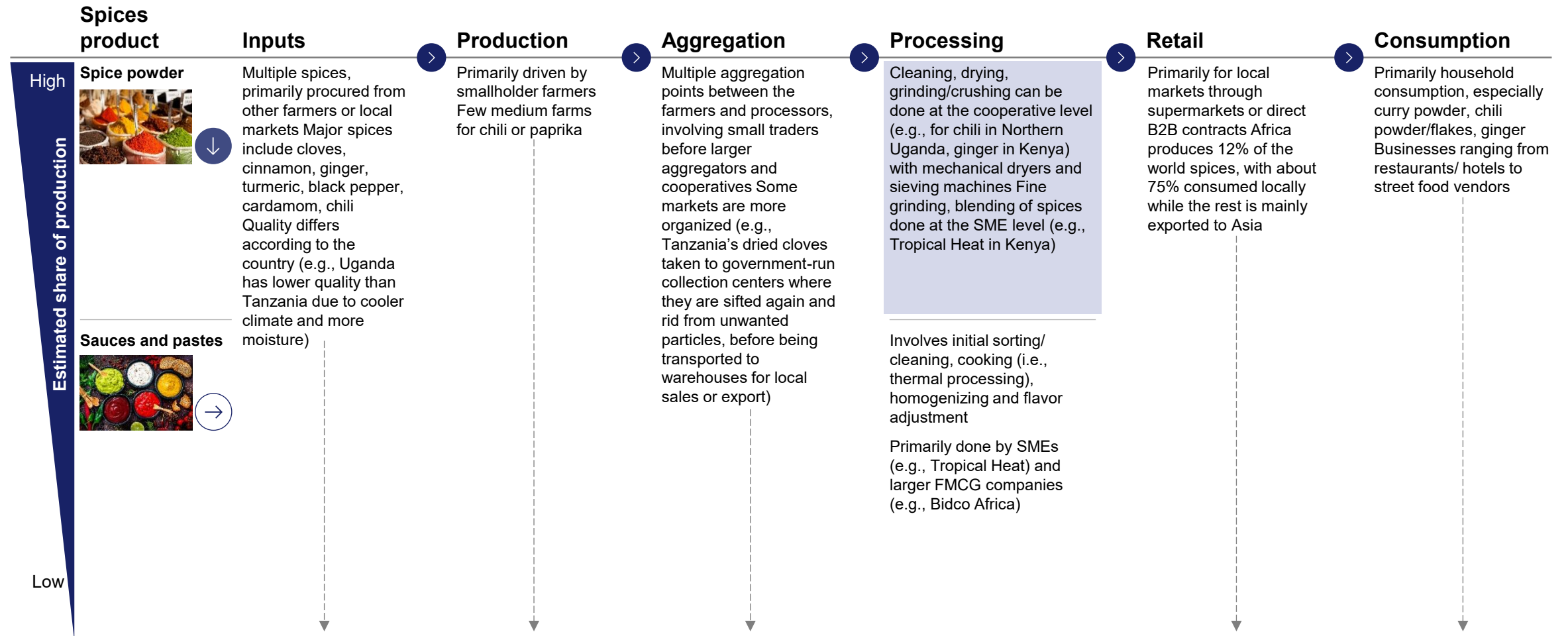
Source: Local practitioners' interviews, FAO, World Bank, EAPR (European Association for Potato Research)

4. Value addition potential: Spices value chain



DIRECTIONAL

Value added from the crop ↑ High → Medium ↓ Low ■ Multiple SMEs across East Africa

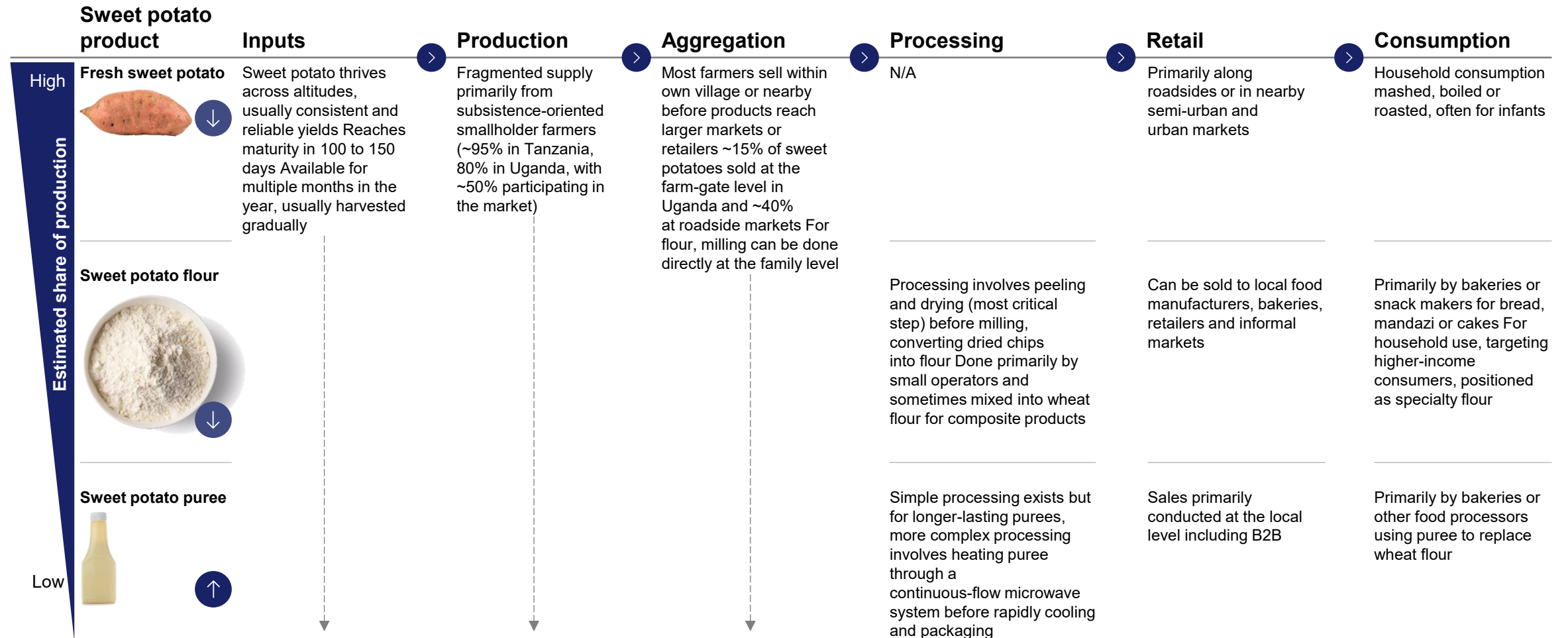


4. Value addition potential: Sweet potato value chain



DIRECTIONAL

Value added from the crop ↑ High → Medium ↓ Low ■ Multiple SMEs across East Africa



Source: Local practitioners' interviews, FAO, World Bank, IITA, International Potato Center

