

Mongolia's Agriculture and Rural Development and ADB's assistance

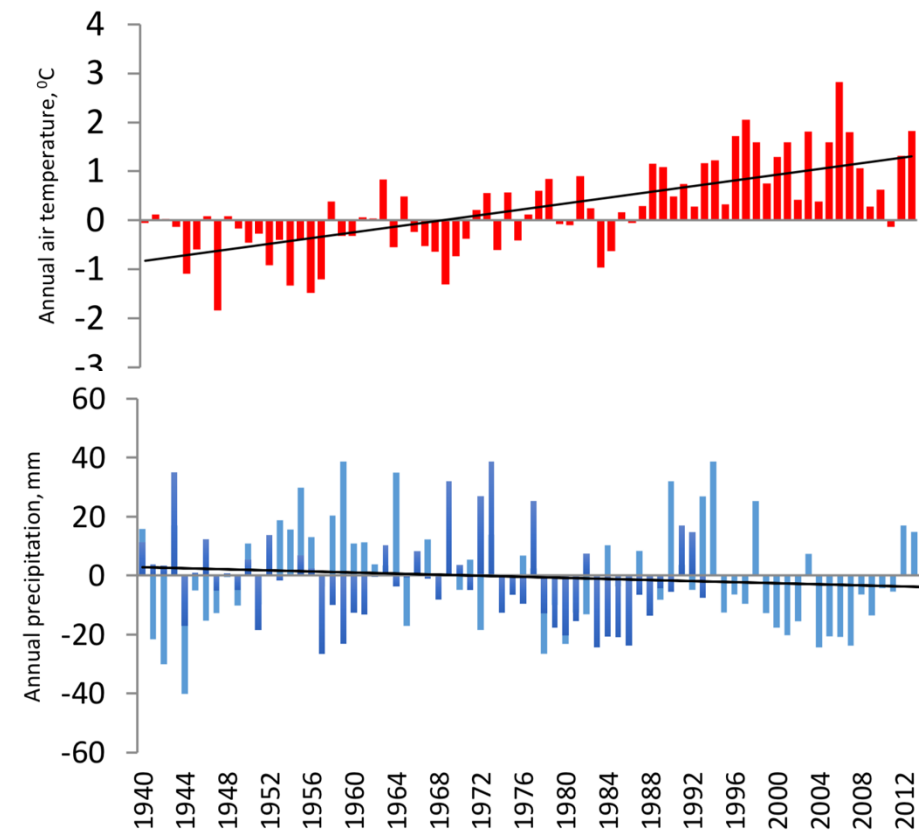


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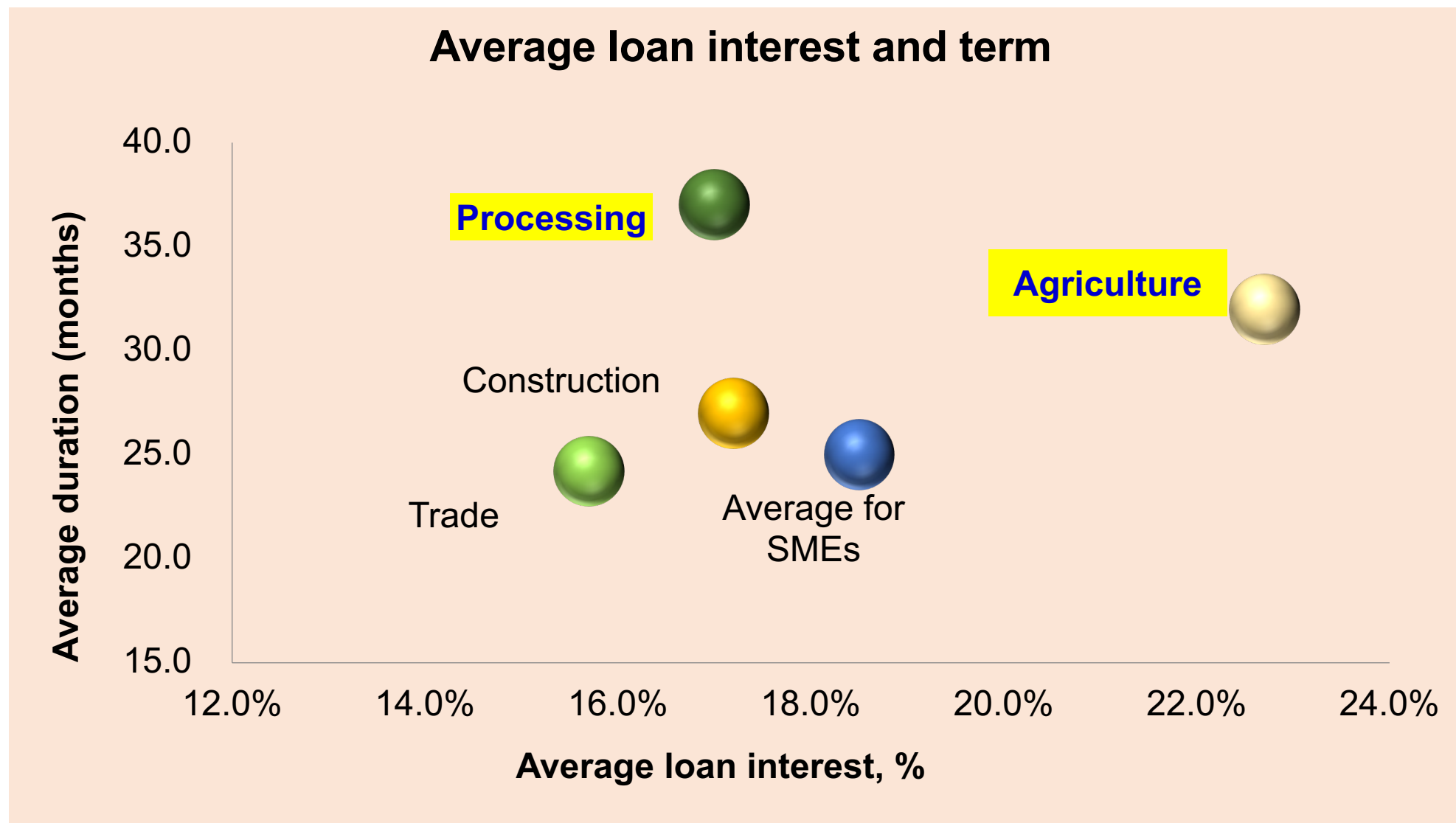
Key Problems

- **Poor livestock, pasture and water management**
 - **Vulnerable to climate change** – lack of water, hay storage and livestock winter shelter
 - **Animal losses** caused by drought and *dzud* will increase and have been estimated at **8.2% in 2020** (according to 'Mongolia Intended Nationally Determined Contribution (INDC) to the 2015 Agreement under the United Nations Framework Convention on Climate Change (UNFCCC)')
 - 70% of **pasture degraded**
 - **Greenhouse gas** emission from **organic carbon in soils**: reducing by 6.3%-9.5% in the 2050's in the forest steppe and the steppe regions (according to INDC 2015)

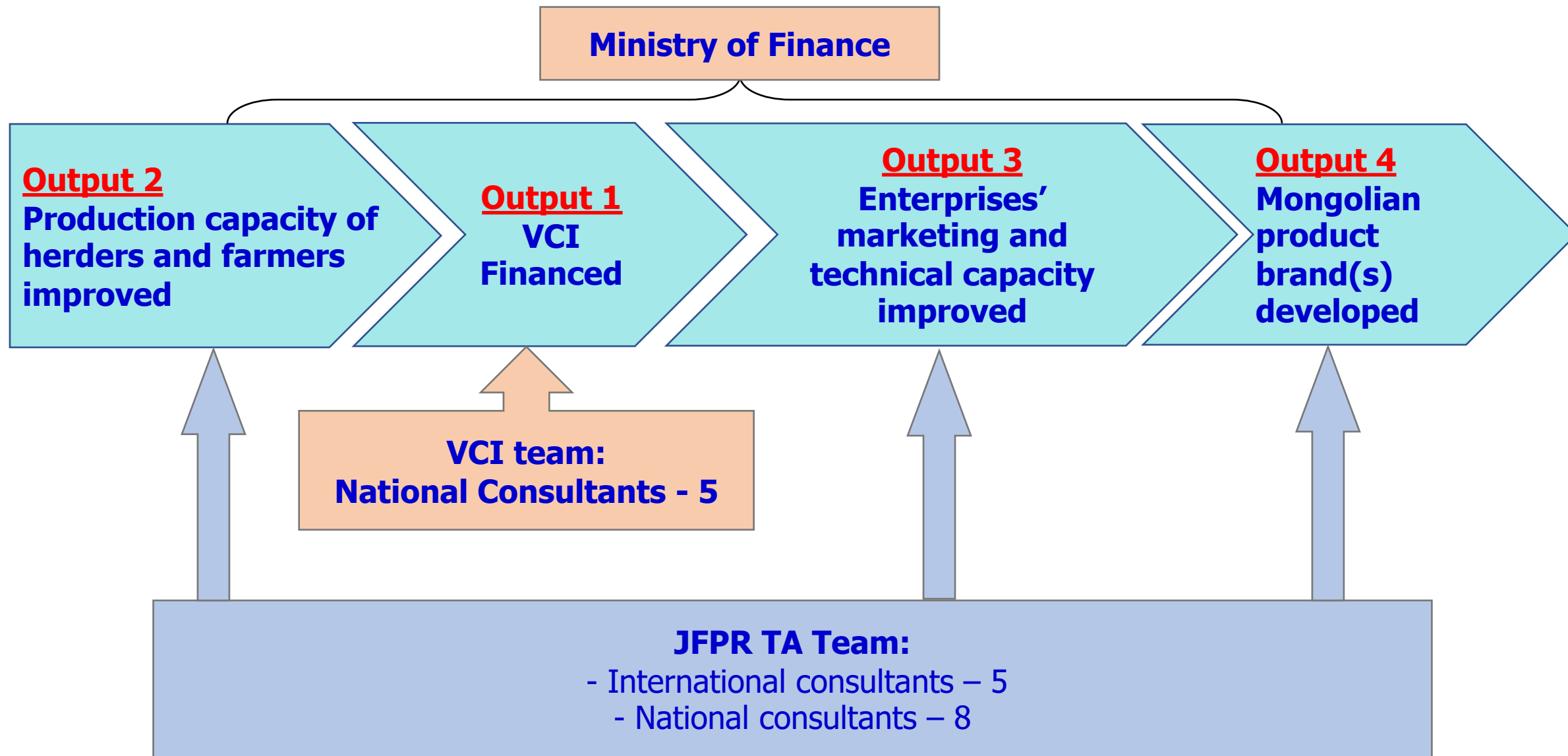


Climate Change	Potential Impacts	Consequences in the Sector
Higher rain variation during the growing season	Unstable soil moisture availability	Decreased pasture biomass stock
Increased winter precipitation	Deeper snow coverage on pasture	Greater risk of harsh winter with livestock mortality/dzud
Increased number of hot days	More intense drought, heat stress limits animals grazing, heat stress in pasture plants	Degraded pasture, lower animal weight gain, changed pasture plant composition

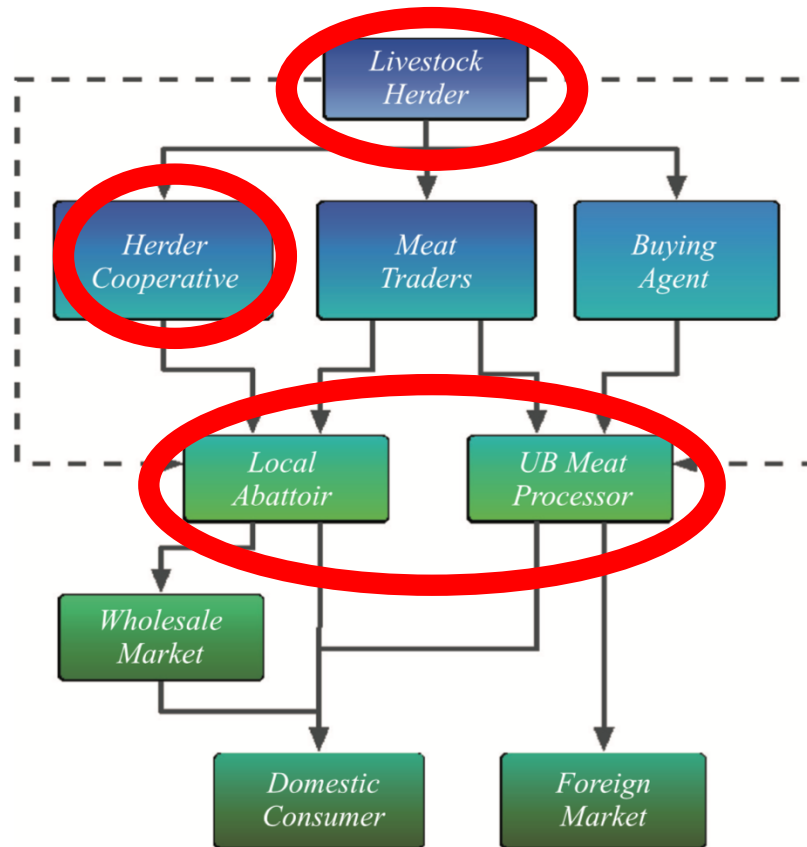
Commercial loan terms in Mongolia



(i) Use financial intermediaries to support wool and cashmere products



(ii) Support climate-resilient livestock sector



(ii) Support climate-resilient livestock sector

