



Agriculture and RE in Agriculture

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Taking quick stock-taking

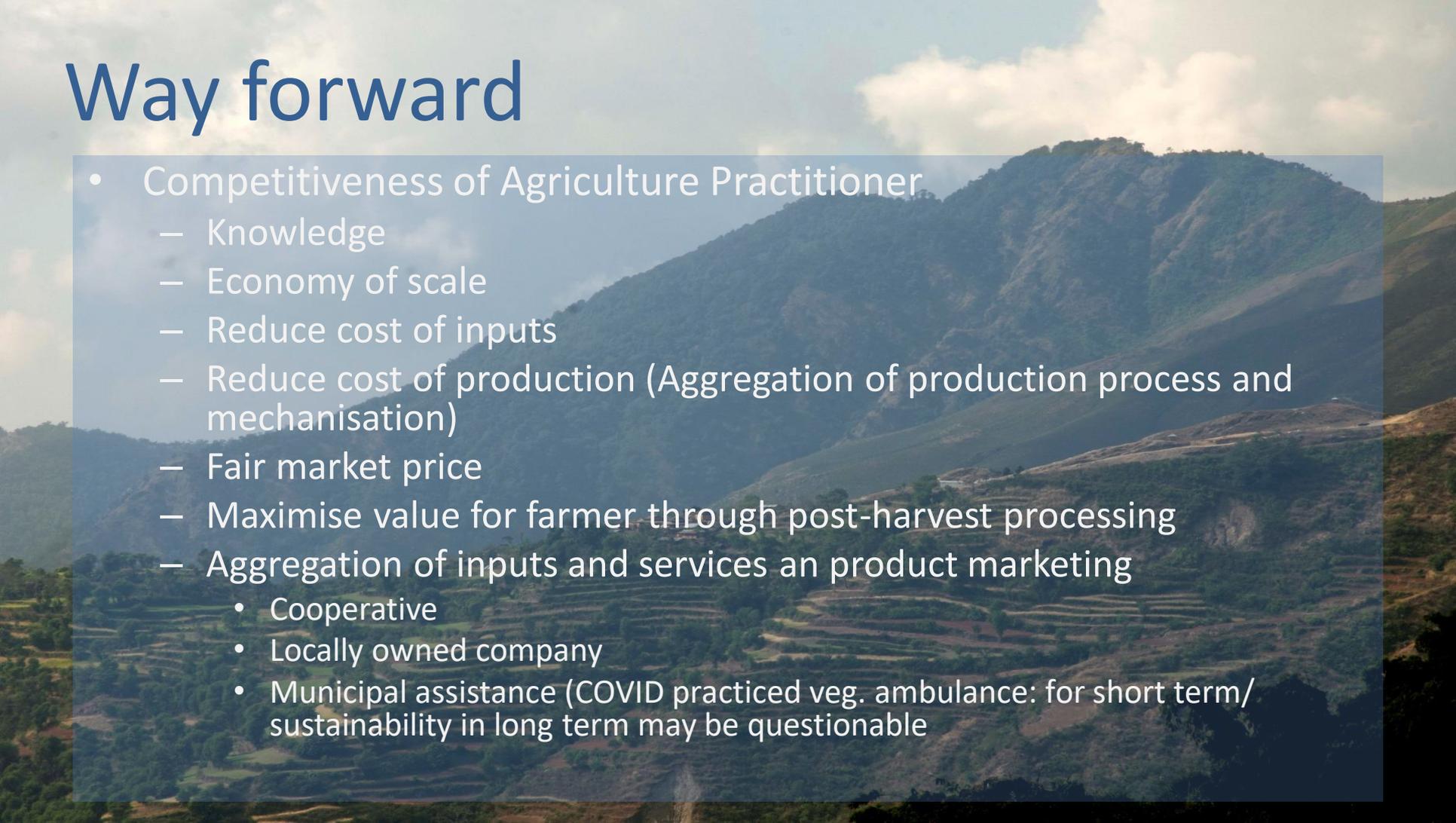
- Share in GDP and productivity decreasing
- Fragmented land and Subsistence and deficit in food-supply
- Hunger/Poverty
- Looking for Hands-out and out migration (in-country and international)
- Unsystematic urbanisation, disorganised labour market leading to unfair wage (poverty and related social issues)
- Impact of COVID-19 = make situation further worst

System Analysis



- Input market
 - Irrigation
 - Fertiliser
 - Seed and technology (seed storage/green house)
- Process
 - Farming technology (animate – commercial)
 - Post-processing for value addition
- Produce marketing and value maximisation
 - Holding stock for better price
 - Transport to market
 - Sales
- Access to financial services and market

Way forward



- Competitiveness of Agriculture Practitioner
 - Knowledge
 - Economy of scale
 - Reduce cost of inputs
 - Reduce cost of production (Aggregation of production process and mechanisation)
 - Fair market price
 - Maximise value for farmer through post-harvest processing
 - Aggregation of inputs and services and product marketing
 - Cooperative
 - Locally owned company
 - Municipal assistance (COVID practiced veg. ambulance: for short term/ sustainability in long term may be questionable)

Role of RE

- RE can support
 - Knowledge enhancement
 - Reduce cost of inputs (bulk purchase storage...)
 - Reduce cost of production (Aggregation of production process and mechanisation)
 - Fair market price (transport)
 - Maximise value for farmer through post-harvest processing (RE use in processing almost every agric. produces)
 - Aggregation of inputs and services an product marketing
 - Cooperative
 - Locally owned company
 - Municipal assistance (COVID practiced veg. ambulance: for short term/ sustainability in long term may be questionable)

A scenic landscape featuring a mountain range. In the foreground, there are terraced fields on a hillside, with a small cluster of buildings (a village) situated on a ridge. The background shows a large, forested mountain peak under a sky with scattered clouds. The overall scene is a mix of green vegetation and brownish soil on the terraces.

Thank you