



**Western Cape
Government**

EMBRACING THE FUTURE

Government embracing the future in a scientific and responsible way

Wow day

DP Troskie

10 November 2020

Brief description of Innovation/Technology

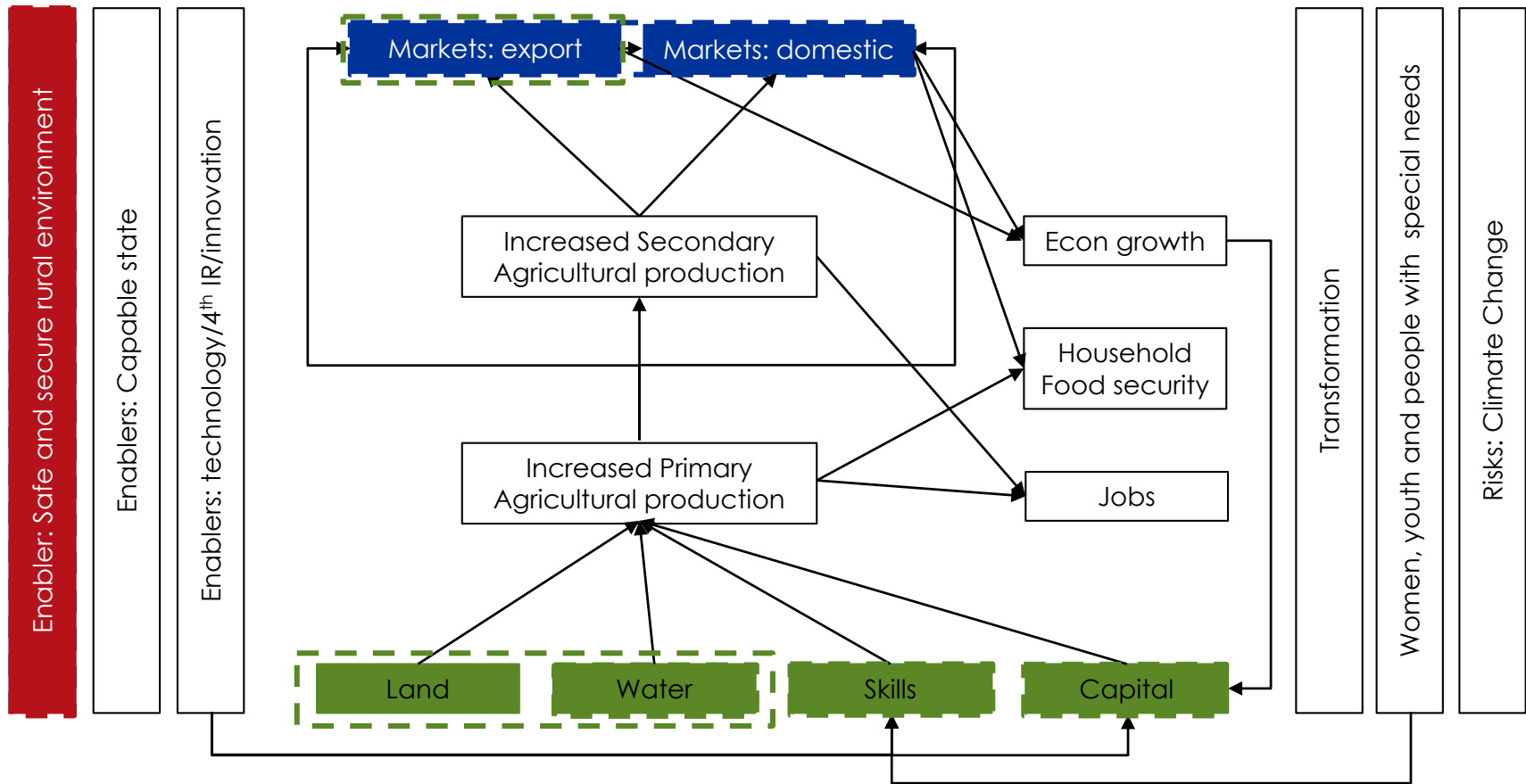
What should the Department do and how should it be done?

- The actions of the Department is determined by:
 - Mandate received by the governments of all three spheres
 - Constraints of the “envelope of the possible”
 - Risks may prevent implementation
- Develop a causality argument:
 - Macro theory of change for the Department.
 - Identify potential areas of interventions
 - Lower level of causality for each intervention.
- Implement:
 - Strategic projects (i.e. Embrace the 4th IR)
 - Interventions
- Respond to changes in environment:
 - Post Covid-19 Strategy for the Western Cape Agricultural Sector.
 - Future of Farming in the arid areas of the Province
- Evaluate
 - Ask the “so what” question

Why was this innovation/technology needed/developed?

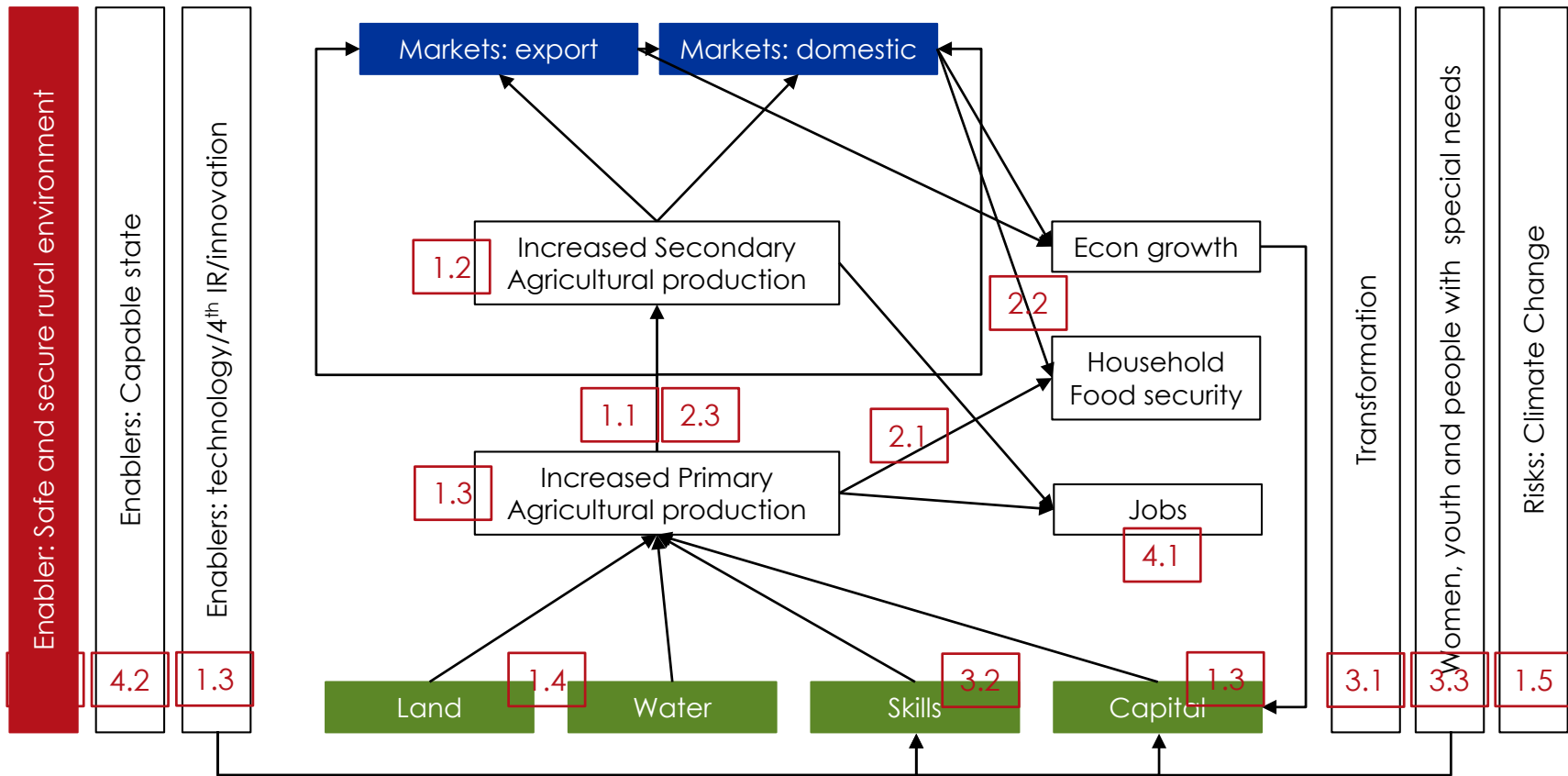
- Government institutions does not ask enough questions in a systemic and scientific way. These questions include:
 - What is the role of government?
 - What is the nature of the problem?
 - What are the solutions?
 - What are the possible range of approaches in achieving these solutions?
 - How would the outputs from each action leads to the desired outcome (cause and effect)?
- Similarly, not enough attention is placed on retrospection and introspection:
 - Were interventions implemented according to plan and what lessons were learned?
 - Were the desired outcomes achieved?
 - What were the costs and benefits?
- It is necessary to embrace the future such as the:
 - 4th Industrial Revolution
 - Post Covid-19 world

New and novel aspects: Model of causality



- Apex priority: Minister Meyer
- Safety priority: Minister Meyer
- VIP 2 key policy priority

New and novel aspects: Model of causality



New and novel aspects: Evaluations

LandCare

Legislative environment

Farmer's needs

WIETA

Youth development

Rural development design

CRDP Dysselsdorp

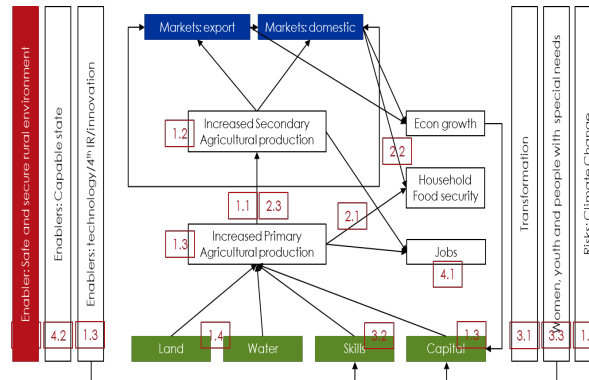
Agricultural economics

Khulisa: Agri processing

Market access

Ag. economics databases

SmartAgri



Programme: SRM

Learnership

Farm worker competition

Programme: Training

4th Industrial Revolution

Land reform: 2014

Land reform: 2018

Commodity approach

Food security

Crop rotational trials

Dairy research

Agribusiness investment unit

Significant wins / impact

From Awareness, to 2-day workshop to RPL



- Drones: RPL licenses
 - 14 Officials/students/interns
 - Wings Ceremony on 23 November
 - 2nd Intake of 18 officials
- Drones: implementation
 - Busy with ROC
 - Establishing drone users group
- E-literacy training
 - Safety on-line for all interns
 - E-literacy module for 20 agri workers
 - E-commerce module for 50 participants in smallholder to commercial programme
- Augmented / Virtual Reality
 - 1 application for a wine farm
 - 1 student application for tractor maintenance

Selected inks to website/reading/references

- The Department's approach to strategic interventions:
 - Causality of Actions over the Period 2020/21 – 2024/25 (Internal Report)
 - Logic for implementation: Causality argument for the next five years (AgriProbe 17(1):61-64)
 - Agriculture: The Sunrise Sector (AgriProbe Forthcoming)
- 4th Industrial Revolution:
 - <https://www.elsenburg.com/content/4th-industrial-revolution-evaluation-report>
 - The 4th Industrial revolution: Understanding its impact on the Western Cape's Agricultural Sector (AgriProbe 14(1):53-57)
 - The future is here (AgriProbe 16(4):54-57)
- Evaluations:
 - <https://www.elsenburg.com/completed-evaluations>
 - Troskie, DP, Kelly, K & Mandondo, S (2017): Strengthening Government through evaluation: The Evaluation Journey of a Provincial Agricultural Department. In: Podems, D (Ed) (2017): Democratic Evaluation: Exploring the Reality. Information Age Publishing

Thank you
Dankie
Enkosi

Contact Us



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