



LAND HUSBANDRY, IRRIGATION AND MECHANIZATION DEPARTMENT



Role of GoR to promote irrigation



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Kigali, March 21st, 201



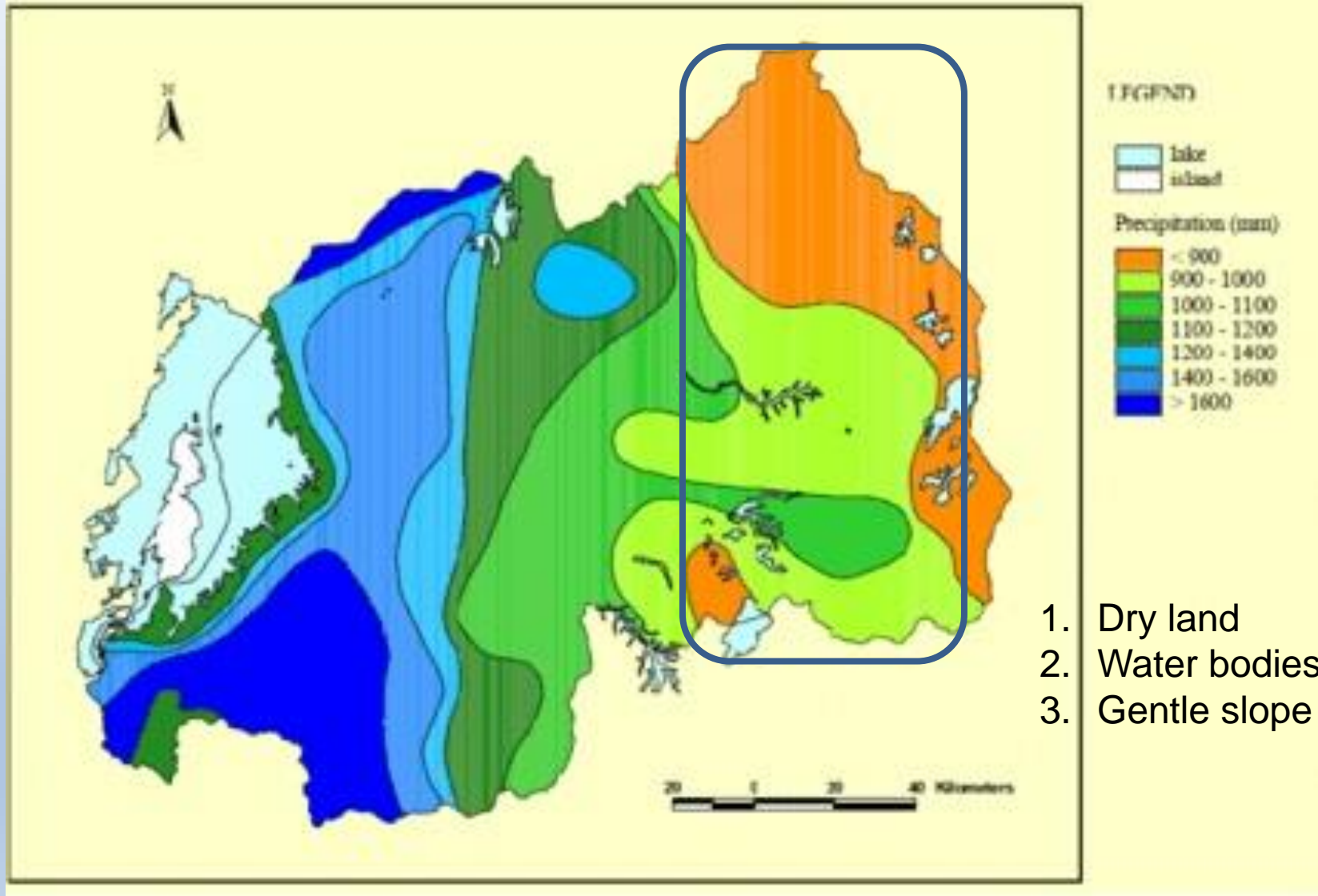


Content



- Irrigation demands
- Irrigation targets & milestones
- Role of GoR to promote Irrigation
- Irrigation success stories
- Irrigation and water management
- Challenges & Opportunities
- End

Irrigation Demands





Irrigation milestones



Annual Targets

Irrigation Milestone-7YGP, PSTA IV, NST 1



Item	targets (Ha)
Marshland	3000
Hillside	2400
Rehabilitation	3000
SSIT	3000

Achievements

Item	(Ha)
Marshland	36,521
Hillside	8,780
SSIT	6,874



Role of GoR

1. Set up and driving implementation of the national irrigation milestones

2013



RWANDA IRRIGATION POLICY
AND ACTION PLAN

Rwanda Irrigation Master Plan



MINISTRY OF AGRICULTURE AND ANIMAL RESOURCES

STRATEGIC PLAN FOR AGRICULTURE
TRANSFORMATION 2018-24



2. Conception and Financing large irrigation projects



3. Heavy maintenance of irrigation Infrastructures



4. Set up and strengthen water users organisations- MO 001/11.30 of 23-11-2011



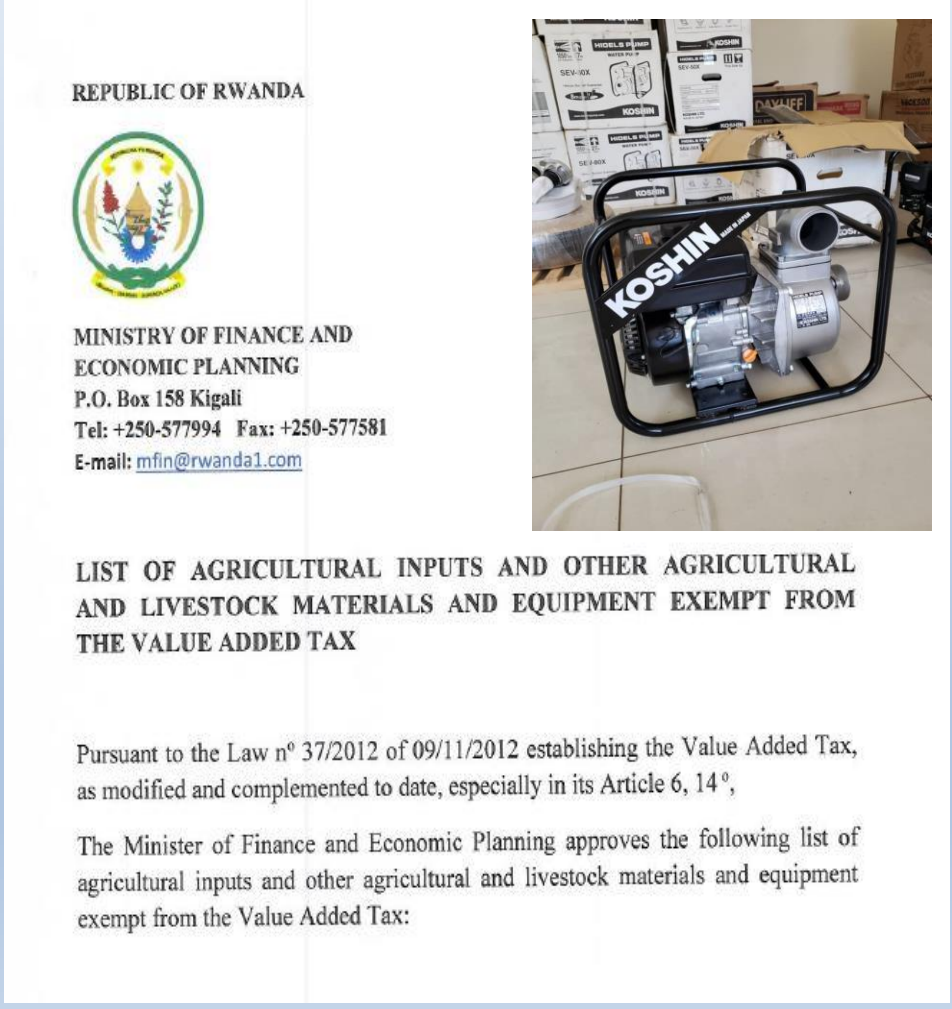
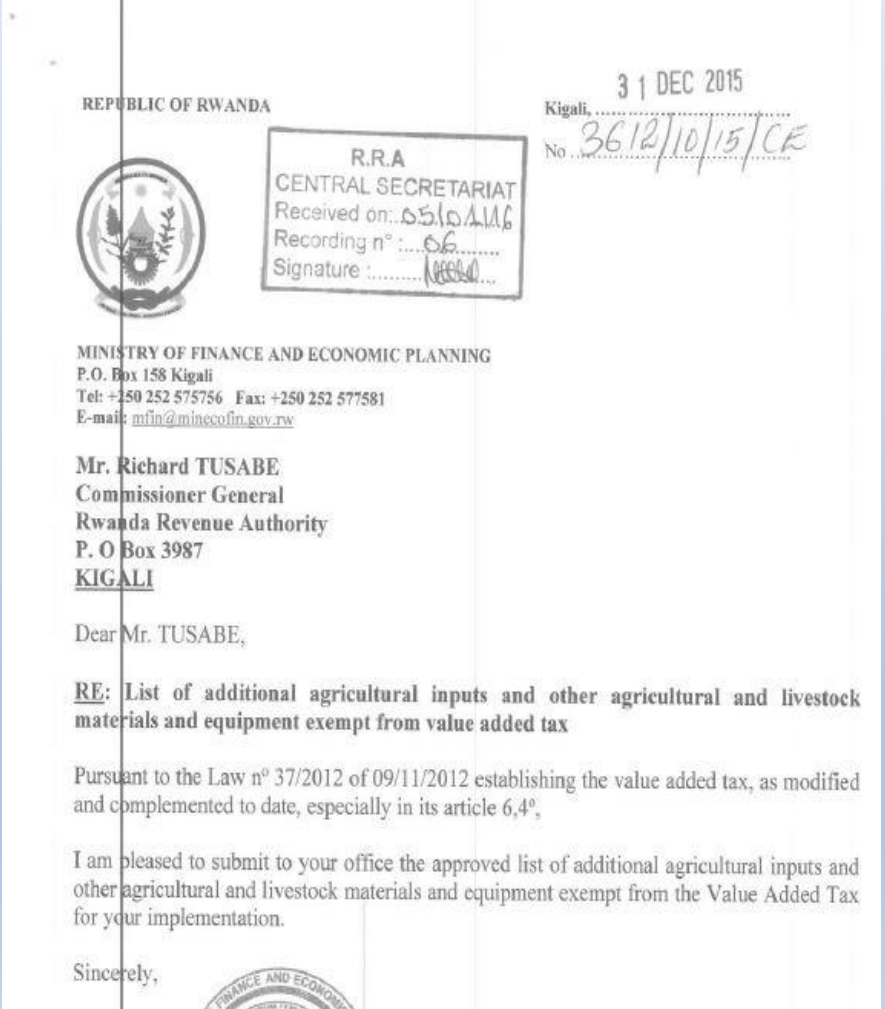


Role of GoR



5. Taxes exemption for the imported irrigation Equipment

(<https://www.rra.gov.rw/index.php?id=191>)





Role of GoR



6. Attracting private investment in irrigation development

BRAMIN

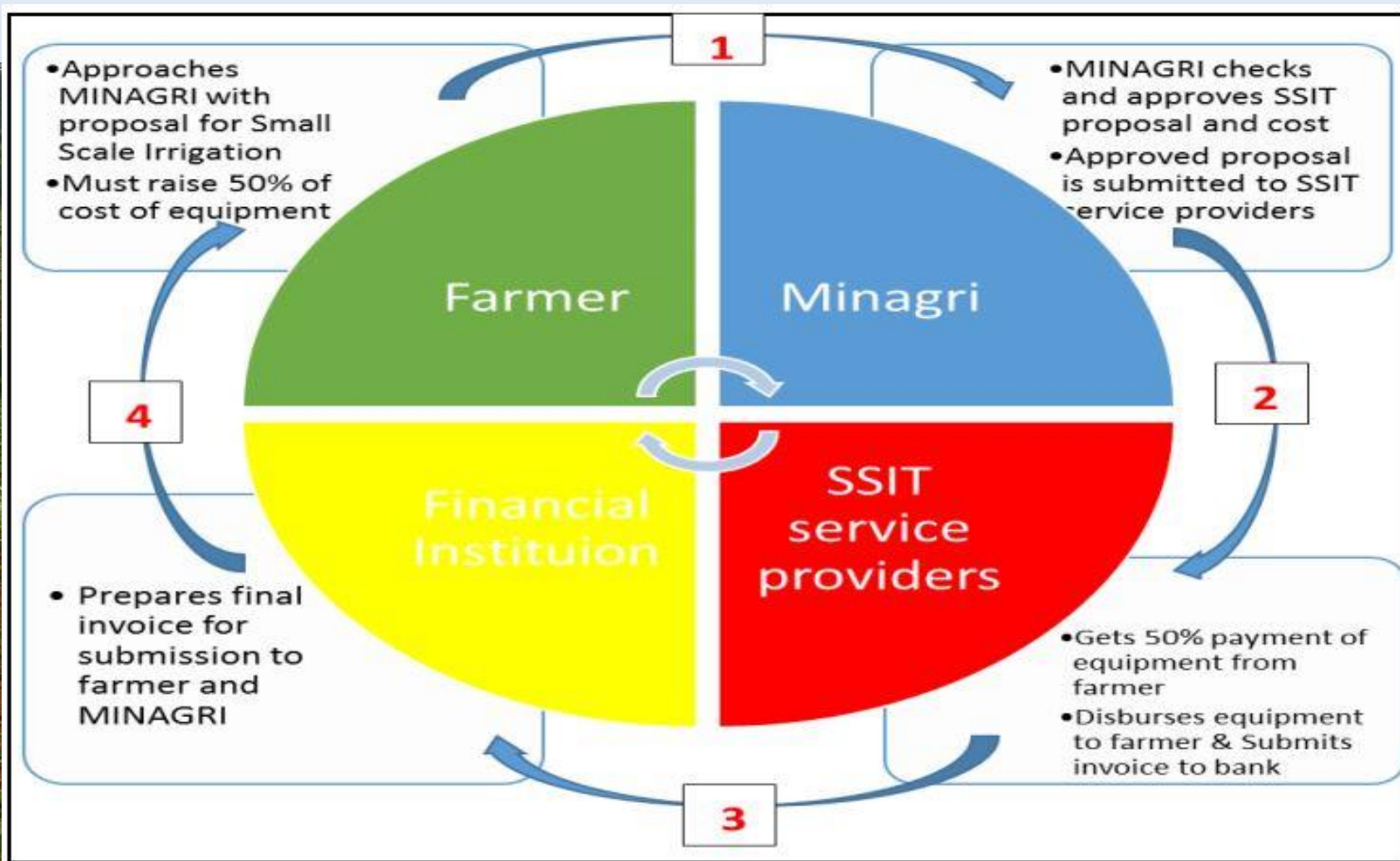
**STEVIALIFE
SWEETENERS**



ONE ACRE FUND



6. Co-financing the aquisition of irrigation kits for smallholders



- Yield production increased for all irrigated commodities
- Minimized risks of drought occurrence
- Job creation





Irrigation and water management



- Pressurized irrigation systems is 75% > efficient
- Promoting drip/precise irrigation system: use less water for more yield
- Set up operational water users organisation (
- Regular maintenance of the systems to avoid Leakages & sustain system efficiency
- Promote rainwater harvesting for sustainable use in agriculture
- Set up a mechanism of data recording & management to inform farmers
- Promote “ Climate Smart Agriculture”



Challenges

Opportunities

High cost of irrigation in Rwanda

- Positive cost benefit ratio
- Government support

High Altitude causing increased pumping expenses

- Emerging technology-Decreasing cost of SPIS (from 76\$ to 10.3\$ for 1Watt)
- Pumping & store water during reduced electricity block tariff
- Rainfall runoff water harvesting techniques

Undeveloped and inefficient marketing chain

- Introduction of contract farming
- Farmers involved in food value chain

Poor water use efficiency

- Strengthen capacities of water users (scheduling)

Limited role of private sector investment

- Derisking investment in irrigation (longterm lease)
- Attract private investments in irrig. development

Inadequate capacity (skills and equipment) within public and private sector

- Promote technical skills (TVET, IPRCs)
- Introduce reaserches in irrigation



Thank you