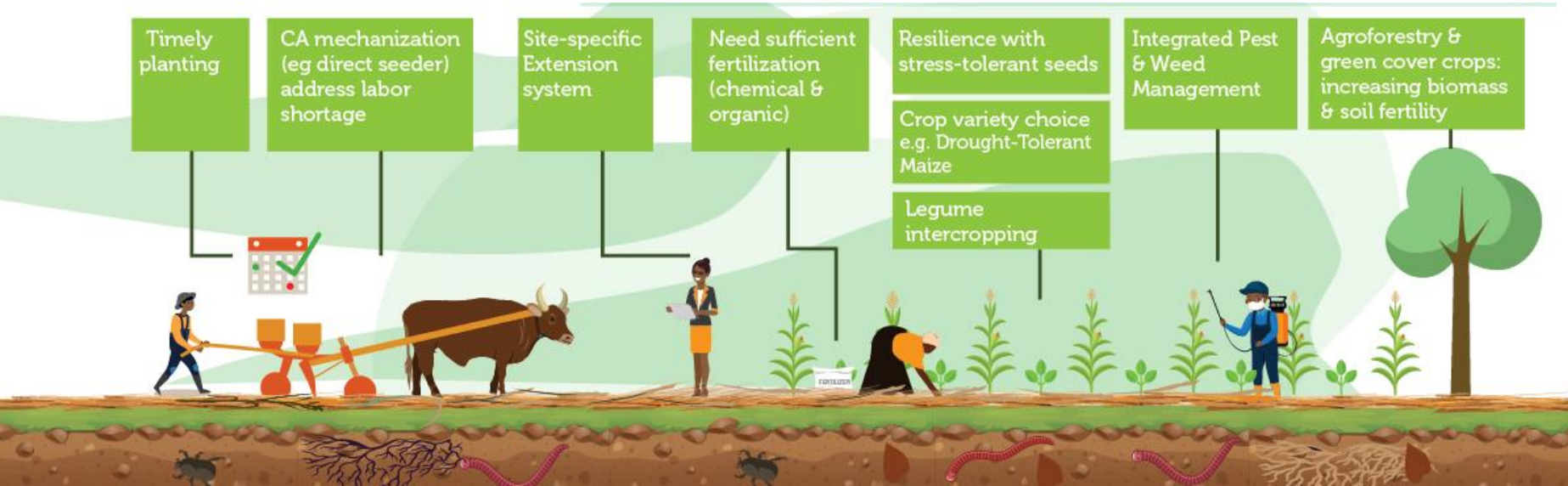
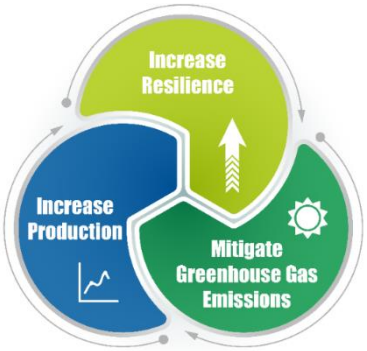
TRANSFORMING CROP & LIVESTOCK PRODUCTION SYSTEMS FOR CLIMATE RESILIENCE IN SOUTHERN AFRICA

A Business Case for Scaling Climate-Smart Agriculture



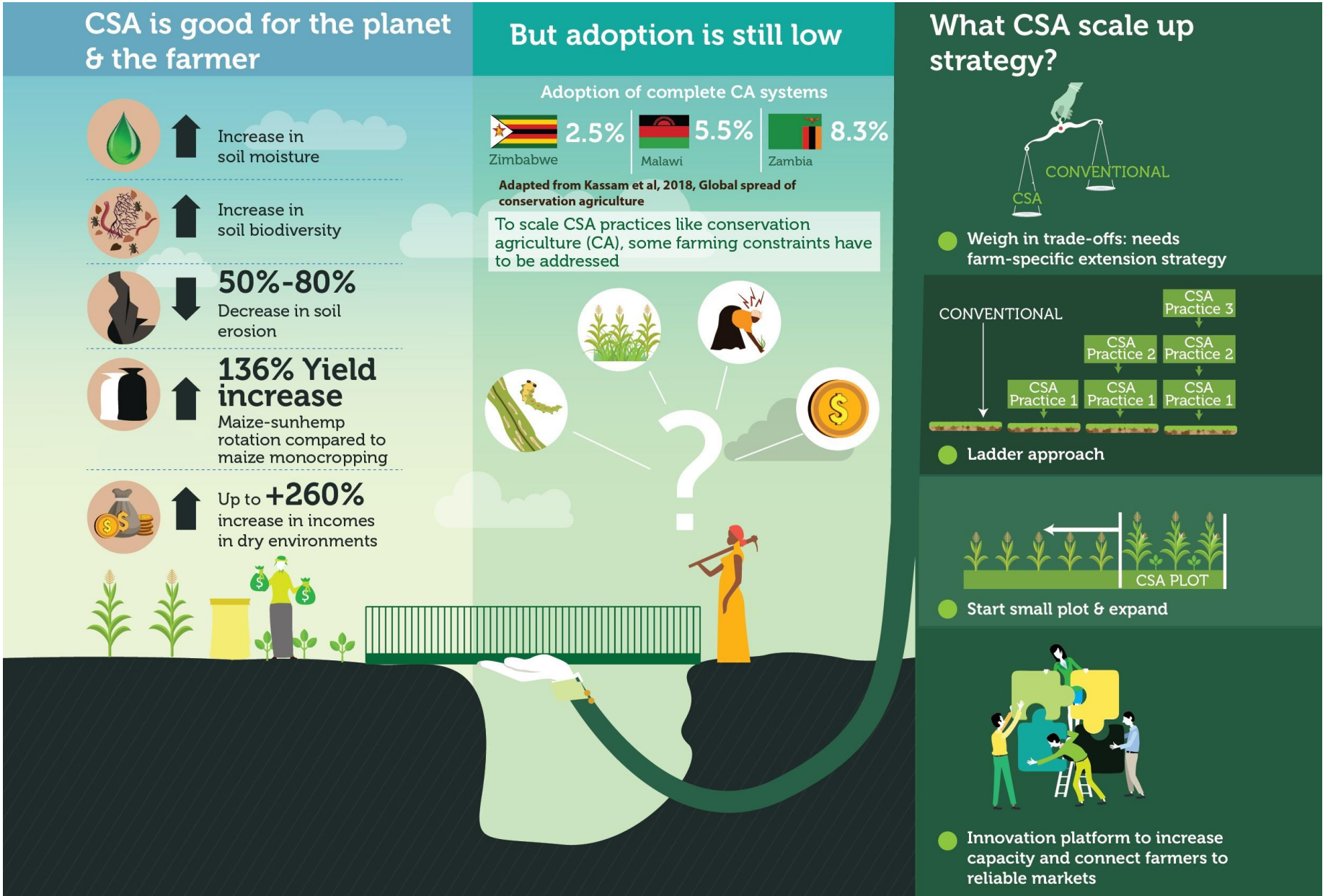
Why should this project be funded?

- Climate change impacts in southern Africa and soil fertility decline threaten to reduce productivity by 15-50% - **affecting millions of people**



- Climate-smart agriculture helps to **adapt** current farming systems to climate change**, increases productivity** and profitability and **mitigates** emissions
- Based on the foundation of 15 years of research evidence and development experience

Our evidence shows……!



Aims of this initiative

- **Expanded uptake** of sustainable climate-smart agriculture and pastoral production systems in southern Africa
- **Increased resilience** to climate change and **carbon stocks** while reducing soil fertility breakdown;
- **Higher yields and incomes** for healthier populations, ecosystems and economies

Work packages

1. **Out-scaling** climate-smart agriculture interventions with public and private sector partners;
2. **Knowledge dissemination** and **capacity building**; and
3. Creating an **enabling environment** for scaling.

What Impact can be expected?

- At least 300,000 farm households practicing CSA on additional 300,000 hectares and increase resilience **by year 5**
- 80,000 ha of rangeland under improved grazing management **by year 5**
- 1,500,000 farm family members reached through CSA interventions **by year 5**

What Impact can be expected?

- Increase in productivity (20-50%) of major food and nutritional crops **by year 5**
- Increased carbon storage (+20%) - reduced erosion (+50%) – new methodology & baselines on animal related emissions **by year 5**
- Increase in amount of heat and drought tolerant seed varieties sold/marketed and CSA practices promoted by private sector

What Impact can be expected?

- Knowledge products for improved information sharing and uptake
- At least 100,000 farmers and extension officers trained **by year 5**
- SADC buy-in and full support for an enabling environment

Target countries

All SADC countries will benefit from the impact!

Phased approach

Phase 1: **by year 3**

Phase 2: **by year 5**

- **Scaling - First Tear:** Botswana, Zambia, Zimbabwe, Malawi, Mozambique and Lesotho
- **Scaling - Spillover countries:** Namibia, Tanzania, Eswathini and South Africa

Partnerships

- **All relevant Government Departments in SADC**
- **Political lead partner:** SADC
- **Consortium partners:** CCARDESA, CI, CIMMYT, FANRPAN, GIZ, PPF, RSDA
- **Civil society / private sector partners:** Seed companies, machinery manufacturer, livestock enterprises, NGOs
- Further **complimentary partners**, including CGIAR centres, NGOs and other last-mile provider

We are requesting:

- Project funding of **40M Euro for 5 years**

We promise:

- To raise ambition in the fight against climate change
- Transformational change of current agriculture systems for increased climate resilience

Find more information here:
http://www.ccardesa.org/events/stepping-engagement-climate-smart-agriculture-investments-cop25