	Profile Element	Response
1	Focus crops for EGS evaluation	1. Maize
		2. Groundnut
		3. Cassava
		4. Bean
2	Authorized seed classes in the country	Breeder, Pre-basic, Basic, Certified are defined in Seed
		Regulations of 2018. Quality Declared Seed (QDS) is defined in
		National Seed Policy of 2018
3	Description of legally permitted EGS	National Seed Policy (2018) defines the <b>Department of</b>
	production entities	Agricultural Research Services (DARS) as the entity in charge
		of variety development and improvement
4	Government entities (and location)	DARS produces basic seed for the four crops
	producing EGS by focus crop	and produced according to the real drops
	producing 200 mg record map	
5	Presence of seed demand forecasting at	There is no forecasting system at the national level. However,
	the government institutional level	STAM occasionally publishes information on the volume of
		basic and certified seed available.
6	Number of full-time breeders (note	Maize (2); Bean (2); Groundnut (2)
	crop) and technicians by government	
	EGS faculty	
7	Private sector and other non-	Private seed companies (maize, bean, groundnut); ICRISAT
	government entities (and location)	(groundnut); individual seed growers (bean, groundnut)
	producing EGS in the country	
8	Estimated sources of EGS for focus	Percentage of basic seed produced in Malawi in 2019. <b>Maize</b> :
	crops for certified seed producers (% of	Seed companies (97%); Harvest Plus (3%); <b>Bean:</b> Seed
	total), e.g., importation from own	companies (78%); CIAT (10%); Individual seed growers (12%);
	company, specialized EGS company, CG centres, own local production, NARS,	Groundnut: Seed companies (18%); DARS (0.2%); ICRISAT (78%); Individual seed growers (4%)
	•	(70%), iliulviuudi seeu growers (4%)
9	other certified seed company, etc.  EGS seed volumes, by crop and seed	Basic seed (2017/18): Maize (5MT); Bean (392.2MT);
9	class, for the last four years	Groundnut (2,060MT). Basic seed (2018/19): Maize: (55.3MT);
	diada, for the last roal years	Bean (59MT); Groundnut (1,111MT)
		Seat (55.411), Grounding (1,1111411)

10	Adequacy of government-held nucleus and breeder seed available for EGS production	Maize, bean and groundnut: Government (DARS) faces a significant challenge pertaining to the insufficiency of resources to produce, maintain and store EGS. The challenge occasionally addressed through project funding
11	Adequacy of EGS for commercial seed production, estimated % of the demand met	No data on this. However, SSU Annual Report does not highlight any inadequacies of EGS for commercial seed production. Instead, the report mentions that Certified Seed 1 can be used in case there is a shortage.
12	Evidence of standardized descriptors for parental lines for focus crops	SSU Annual Reports highlights the lack of descriptors as a challenge during the variety release process. Breeders are expected to collect DUS data for variety release
13	General status of line maintenance for key varieties of focus crops, to enable proper ongoing EGS production	Missing information
14	Infrastructure in place to support government EGS production - land for multiplication, irrigation, cold storage, QC labs, etc.	Missing information
15	Infrastructure in place to support private-sector EGS production - land for multiplication, irrigation, cold storage, QC labs, etc.	Private seed companies use their own infrastructure in the production of EGS.
16	Implementation status of national QA for locally produced EGS	SSU Annual Reports mention that all classes of EGS are inspected as per the national QA procedures.
17	Information about quality / effectiveness of national efforts to implement QA for imported EGS	Missing information
18	Working status of pre-ordering and payment systems for EGS for focus crops	To obtain seed from DARS, seed companies are required to apply independently to DARS specifying the crop, variety and volume that is being requested. DARS then sends an invoice to the company. The company then works with DARS to determine the date for collection of the seed. This system is working, however, DARS is no longer a major supplier of EGS for maize, bean and groundnut. According to the SSU Annual Report, DARS did not produce basic seed for maize and bean in 2018/19, but only produced very small volumes of groundnut seed that year. The major producers of basic seed that year were seed companies (for maize and bean) and ICRISAT (for groundnut).

19	Working status of certified seed producer allocation systems for EGS for focus crops	there is no allocation system for EGS. Rather, seed companies are required to apply independently to DARS specifying the crop, variety and volume that is being requested. DARS then sends an invoice to the company. That said, seed companies appear to be satisfied with the basic seed that they received from DARS. According to the TASAI Malawi report of 2020, 71% of maize seed companies and 71% of bean seed companies are satisfied with the quantity of basic seed that they received from DARS.
20	Timely availability of up-to-date information on government websites for EGS availability, ordering and payment	no information available on government (Ministry of Agriculture or DARS) website. However, STAM website provides details of entities supplying foundation seed

14	Infrastructure in place to support government EGS production - land for multiplication, irrigation, cold storage, QC labs, etc.	Land for multiplication is available, however labour is a challenge so some government EGS programs partner with private sector to leverage on infrastructure including irrigation and cold storage
15	Infrastructure in place to support private-sector EGS production - land for multiplication, irrigation, cold storage, QC labs, etc.	LCIC's private facilities include: 50-ton seed gene bank with cold storage; 200-acre farm with irrigation facilities
16	Implementation status of national QA for locally produced EGS	GSID of PPRSD certifies foundation seed that is produced for sale to another entity for certified seed production. EGS produced for entity's own certified seed production is usually not certified, but the source of EGS is declared during the certification of certified seed produced from the EGS
17	Information about quality / effectiveness of national efforts to implement QA for imported EGS	Most imports are for certified seed, and not for EGS. Multinationals like SeedCo who are piloting in-country production of certified seeds import the EGS. This EGS is however not a commercial material but imported specifically for company's own certified seed production
18	Working status of pre-ordering and payment systems for EGS for focus crops	System appears to be working well. more than 85% of seed growers (for maize, rice, soya bean) in TASAI survey reported that they received the quantity of seed that they requested and in a timely manner. In addition, seed growers expressed high satisfaction levels (above 80%) with the quality of basic seed that they received.
19	Working status of certified seed producer allocation systems for EGS for focus crops	There is no allocation system for seed growers. Instead, seed growers that would like to source seed from GLDB, CRI or SARI would need to submit an application to the respective Director, specifying the crop, variety and volume. The grower receives an invoice, against which payment is made.
20	Timely availability of up-to-date information on government websites for EGS availability, ordering and payment	No information available on government (Ministry of Food and Agriculture, CSIR-SARI, CSIR-CRI, or GLDB) websites. However, information on volumes inspected and certified can be obtained from PPRSD