

Table S2: Experts survey questionnaire.

Indicator		Question	0	1	2	3	Score	Comments
Selection and innovation								
1	Different sources of information are used to identify native species useful for restoration in a variety of ecosystems	Are lists of priority native species for restoration available for key ecosystems?	No	There are lists of priority native species for a few priority ecosystems	There are lists of priority native species for most priority ecosystems	There are lists of priority native species for all priority ecosystems		
		Are threatened species included in the priority lists for restoration?	No	A few threatened species are included	Many threatened species are included	All threatened species are included		
2	Research into the effect of climate change on native species across different ecosystems is used to inform selection of species and seed sourcing for restoration	Is there research on the effect of climate change on key ecosystem distribution?	No	One or a few key ecosystems have been studied	Many key ecosystems have been studied	All key ecosystems have been studied		
		Is there research on the effect of climate change on priority native species distribution?	No	Some priority species have been studied	Many priority species have been studied	All priority species have been studied		
		Is there research on the effect of climate change used to inform planting decisions for restoration?	No	There are few examples of this research being used to inform planting decisions	There are several examples of this research being used to inform planting decisions	Research is used in inform planting decisions		
3	Information on species genetic diversity is used to identify goal-oriented planting material	Are there provenance trials across the country for the priority species?	No	There are provenance trials for a few priority species	There are provenance trials for many priority species	There are provenance trials for the priority species		
		Is data being collected from these trials?	No			Data is being collected		
		Is the data being used to inform seed source choice for restoration?	No	Data is used to inform seed source choice for	Data is used to inform seed source choice for restoration of many priority species	Data is used to inform seed source choice for restoration of priority species		

5	Seed sources that cover the geographical range of the priority native species have been identified and are protected effectively	Have seed sources been identified for the priority species?	No	Seed sources have been identified for at least one priority species	Seed sources have been identified for many priority species	Seed sources have been identified for the priority species		
		Have seed sources been identified for key ecosystems?	No	Seed sources have been identified for at least one key ecosystem	Seed sources have been identified for many key ecosystems	Seed sources have been identified for the key ecosystem		
		Do seed sources cover the species range?	No	Identified seed sources cover a small part of the species range	Identified seed sources cover most of the species range	Seed sources cover the species range		
		Are seed sources protected effectively?	No	Seed sources received little protection	Seed sources receive some protection	Seed sources are protected effectively		
6	Improved material is available for those priority species used in production restoration	Is there improved material available for those priority species used in production restoration?	No	There is improved material available for at least one priority species	There is improved material available for many priority species	There is improved material available all priority species used in production restoration		
		Is improved material available for the key ecosystems?	No	There is improved material available for at least one key ecosystem	There is improved material available for many key ecosystems	There is improved material available for the key ecosystem		
7	Nurseries are able to produce the priority species adapted to each ecosystem	Are all the priority species being produced?	No	A few priority species are being produced	Most priority species are being produced	The priority species being produced across		
		Are they being produced across each key ecosystem?	No	Production occurs in at least one key ecosystem	Production occurs in many key ecosystems	Production occurs in the key ecosystems		
Market access, supply and demand								
8	There is demand for priority native species of suitable	Is there demand for priority native species?	No	There is little demand for priority native species	There is some demand for priority native species	There is demand for priority native species		

	provenance for restoration across targeted ecosystems	Do people request suitable provenance?	No	There is little demand for suitable provenance	There is some demand for suitable provenance	There is demand for suitable provenance		
9	There is a network of suppliers able to meet the demand for priority native species of suitable provenance across targeted ecosystems	Is there a network of suppliers?	No	There are local networks of suppliers	There are regional networks of suppliers	There is a national network of suppliers		
		Can the network meet demand (access and quantity) for natives with suitable provenance?	No		The network can meet demand for natives but there is no provenance information	The network can meet demand for natives with suitable provenance		
Quality control								
10	There is a certification system for seed quality for restoration planting	Does certification cover seed sourcing (population size, sampling method)?	No	Some aspects are covered	Most aspects are covered	All aspects are covered		
		Does certification cover seed harvesting (material type, permission to collect)?	No	Some aspects are covered	Most aspects are covered	All aspects are covered		
11	Measures exist to comply with seed quality standards	Does certification cover production (phytosanitary conditions, control of origin)?	No	Some aspects are covered	Most aspects are covered	All aspects are covered		
		Does certification cover improved seeds?	No	Some aspects are covered	Most aspects are covered	All aspects are covered		
12	Quality control measures function as an integrated system	Do these components function as a system?	No	There is some relation between the components	Most of the components are linked	All the components are linked		
Enabling environment								
13	The seed system is underpinned by appropriate legislation and regulations	Are adequate regulations being implemented that support the use of materia suitable for climate change?	No	Not adequate or implemented	Adequate but not implemented or not adequate but implemented	Adequate and implemented		

	applied to native species and implemented	Are adequate regulations being implemented to defined seed transfer zones?	No	Not adequate or implemented	Adequate but not implemented or not adequate but implemented	Adequate and implemented		
		Are adequate regulations being implemented to protect seed sources?	No	Not adequate or implemented	Adequate but not implemented or not adequate but implemented	Adequate and implemented		
		Are adequate regulations being implemented that provide incentives for the use of native species?	No	Not adequate or implemented	Adequate but not implemented or not adequate but implemented	Adequate and implemented		
		Are adequate regulations being implemented for a certification system for native species?	No	Not adequate or implemented	Adequate but not implemented or not adequate but implemented	Adequate and implemented		
14	There is appropriate capacity to support a seed system	Is there sufficient capacity building for decision makers?	No	There is little capacity building	There is some capacity building	Capacity building is sufficient		
		Is there sufficient capacity building for technicians?	No	There is little capacity building	There is some capacity building	Capacity building is sufficient		
		Is there sufficient capacity building for communities?	No	There is little capacity building	There is some capacity building	Capacity building is sufficient		
		Is there sufficient capacity building for the general public?	No	There is little capacity building	There is some capacity building	Capacity building is sufficient		
		Is there sufficient capacity building for students?	No	There is little capacity building	There is some capacity building	Capacity building is sufficient		
15	There is sufficient financial support for key research needed for seed systems	Is there sufficient financial support for baseline information on priority native species and key ecosystems for climate change?	No	There is little financial support	There is some financial support	There is sufficient financial support		
		Is there sufficient financial support for seed source identification?	No	There is little financial support	There is some financial support	There is sufficient financial support		

		Is there sufficient financial support for research on material production?	No	There is little financial support	There is some financial support	There is sufficient financial support		
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