

Livestock Emergency Guidelines and Standards



LEGS Core Training (LCT)

Self-Paced Learning Guide

Module 5:

Stage 3-Analysis of Technical Interventions + Options

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5.1 Overview of Module 5

Summary

Module 5 introduces the process for **Stage 3: Analysis of Technical Interventions and Options** of the LEGS response.

This module provides an overview of how Stage 3 links to the previous two stages of the LEGS response. It explains how to use the five Tools of Stage 3 using an example, and what a completed response plan looks like. Module 5 also explains which of the LEGS six Technical Interventions should be used to achieve which of the LEGS Livelihood Objectives.

Topic 5.4 is a Group Activity where participants prepare a response plan for a realistic case study. These plans will be shared and discussed in the Live Workshop.

SELF-PACED LEARNING GUIDE

[+/- 120 MINUTES]

Topics	Learning Outcomes
5.1 Overview of Module 5 5.2 Livelihoods Objectives & Technical Interventions 5.3 Planning terms 5.4 Tools for Stage 3 of the LEGS response 5.5 Design a response plan - case study 5.6 Check your Understanding - QUIZ	After completing the Self-Paced Learning Guide-Module 5 you will be able to: <ul style="list-style-type: none"> ▪ Explain which livestock Technical Interventions are appropriate for each of the LEGS Livelihoods Objectives, ▪ Define the planning terms used in Stage 3 of the LEGS response, ▪ List the five tools for Stage 3 of the LEGS response, ▪ Describe how to use the five tools for Stage 3 of the LEGS response, ▪ Create a response plan using a case study.

LIVE WORKSHOP

[120 MINUTES]

The Live Workshop will consolidate and build on your Self-paced Learning.

Topics	Learning Outcomes
1. Overview of workshop 2. Present Intervention Plans 3. Critique response plans + improve 4. Questions + recap.	By the end of the Live Workshop-Module 5 you will be able to: <ul style="list-style-type: none"> ▪ Critique the quality of the response Programme Intervention Plans created by the participants and make recommendations for improvement, ▪ Identify and address outstanding questions and points of clarification related to the content of Module 5.

5.2 Livelihoods Objectives + Technical Interventions

This topic explores key terms that are used in creating a Response Plan.

There will be a recap on the LEGS Livelihood Objectives; followed by defining the key planning terms of Intervention Option, Intervention Objective, Outcome, Activity.

LEGS Livelihood Objectives - quick recap

 From the list below, tick those that are the LEGS Livelihood Objectives

- Provide funding for emergency response projects.
- Coordinate effectively with humanitarian actors to plan project interventions.
- Rebuild key livestock-related assets.
- Rebuild destroyed veterinary infrastructure.
- Protect key livestock-related assets.
- Provide immediate benefits using existing livestock resources.
- Protect livestock market prices.
- Ensure people most effected by an emergency especially the vulnerable participate in project planning.

Key Learning Points

LEGS LIVELIHOODS OBJECTIVES

- ✓ Provide immediate benefits using existing livestock resources.
- ✓ Rebuild key livestock-related assets.
- ✓ Protect key livestock-related assets.

Which livestock Technical Interventions can be used to achieve which LEGS Livelihood Objectives?

 Tick the Technical Interventions that you think are appropriate for each LEGS Livelihoods Objective.

Livelihood Objective	Technical Interventions
1. Provide immediate benefits	<input type="checkbox"/> Veterinary support <input type="checkbox"/> Feed supplies <input type="checkbox"/> Provision of water <input type="checkbox"/> Livestock shelter and settlement <input type="checkbox"/> Destocking <input type="checkbox"/> Provision of livestock (restocking)
2. Protect livestock assets	<input type="checkbox"/> Veterinary support <input type="checkbox"/> Feed supplies <input type="checkbox"/> Provision of water <input type="checkbox"/> Livestock shelter and settlement <input type="checkbox"/> Destocking <input type="checkbox"/> Provision of livestock (restocking)
3. Rebuild livestock assets	<input type="checkbox"/> Veterinary support <input type="checkbox"/> Feed supplies <input type="checkbox"/> Provision of water <input type="checkbox"/> Livestock shelter and settlement <input type="checkbox"/> Destocking <input type="checkbox"/> Provision of livestock (restocking)

Key learning points

LIVESTOCK TECHNICAL OPTIONS THAT CONTRIBUTE TO THE 3 LEGS LIVELIHOOD OBJECTIVES

Livelihood Objective	Technical Interventions
1. Provide immediate benefits	Destocking
2. Protect livestock assets	Veterinary support Feed supplies Provision of water Livestock shelter and settlement
3. Rebuild livestock assets	Provision of livestock (restocking) Veterinary support Provision of Water Feed supplies Shelter and settlement

5.3 Planning Terms

Defining LEGS planning terms

Below is a list of the LEGS planning terms with the definition of each term and an example of each term. These are jumbled up. Your task is to match them up correctly.

 Match up the definitions of each planning term and its relevant example.

Planning Term	Definition	Examples
Intervention Option	Improvements in livestock health, welfare, production, survival.	Identify target areas and distribution systems in conjunction with local institutions. Identify feed source.
LEGS Livelihoods Objective	The aspects of peoples' livelihoods that are strengthened.	Feed - Emergency feeding in situ.
Intervention Objective	What the project will deliver for livestock owners.	Protect livelihood assets.
Outcome	What the project is going to do.	Female breeding stock of 60% of the poorest households* in the target villages receive survival feed rations for 3 months. * Households with less than 25 animals
Activity	Type of intervention.	Drought-affected livestock survive until feed sources are replenished.

Key Learning Points

DEFINITIONS AND RELEVANT EXAMPLES CORRECTLY MATCHED UP WITH EACH TERM

Planning Term	Definition	Examples
Intervention Option	Type of intervention.	Feed - Emergency feeding in situ.
LEGS Livelihoods Objective	The aspects of peoples' livelihoods that are strengthened.	Protect livelihood assets.
Intervention Objective	What the project will deliver for livestock owners.	Female breeding stock of 60% of the poorest households* in the target villages receive survival feed rations for 3 months. * Households with less than 25 animals
Outcome	Improvements in livestock health, welfare, production, survival.	Drought-affected livestock survive until feed sources are replenished.
Activity	What the project is going to do.	Identify target areas and distribution systems in conjunction with local institutions. Identify feed source.

Additional explanations:

Objective: a specific target or result to be achieved within a timeframe using available resources.

Outcome: the measurable effects the programme will accomplish or the change that will occur as a result of the activities.

5.4 Tools for Stage 3 of the LEGS Response

This topic explores the process and Tools used in Stage 3 of the LEGS response, and how to use the tools to create a Response Plan.

Video 5.1 - Stage 3 of the LEGS response

The following video explains how to use the Tools of Stage 3 to create a Response Plan for emergency situations.

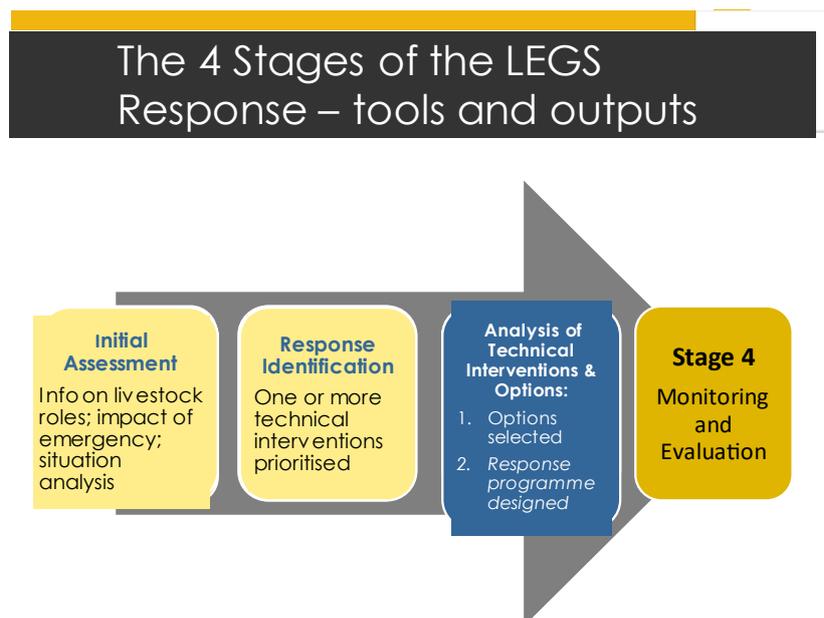
As you watch the video reflect and make notes on the following questions

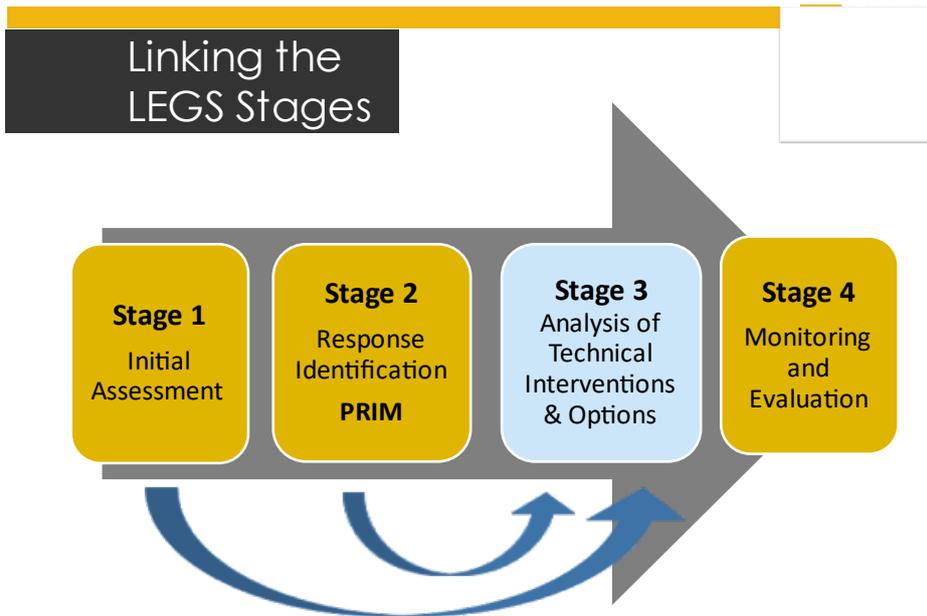
- ✍ What are the 5 Tools used?
- ✍ How do the 5 tools relate to the LEGS Livelihoods Objectives?
- ✍ How is each Tool used?
- ✍ What are the elements of a Response plan?

Click here to watch Video 5.1 - Stage 3 of the LEGS response - <https://vimeo.com/523447694/1b6a5351c5>

Key learning points

HOW STAGE 3 LINKS TO THE OTHER LEGS STAGES





LEGS Tools for Stage 3 - to design a response



1. Review the **summary of options** at the start of the chapter
2. Review the **advantages and disadvantages** table
3. Review the **timing table**
4. Work through the **decision tree**
5. **Design a response plan** - using the Standards, Key Actions, Guidance Notes

HOW TO APPLY THE 5 TOOLS - USING FEED SUPPLY AS AN EXAMPLE

Tool 1 – Summary of options


Review summary of options at start of chapter.

- Emergency feeding in situ
- Emergency feeding in feed camps:
 - In-out feed camp
 - Residential feed camp

e.g. Feed
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Tool 2 – Advantages + Disadvantages


Table 6.1 Advantages and disadvantages of feed provision options

Option	Advantages	Disadvantages
1. Emergency feeding in situ	<ul style="list-style-type: none"> • Rapid response to keep at-risk animals alive • Can exploit fodder banks established previously as part of emergency preparedness • May generate knock-on benefits in the local economy where opportunities for local sourcing exist • Can target core breeding stock • Potential to replenish feed stocks lost in the emergency 	<ul style="list-style-type: none"> • Input-intensive and expensive • Needs to be able to continue for the duration of the emergency • Not sustainable in the longer term • Requires safe facilities for storage and transport • Carries risk of importing diseases, pests, and vectors from outside • Sourcing feed from outside the area may disrupt local markets • Requires supervision and management
2. Emergency feeding in feed camps	<ul style="list-style-type: none"> • As above, also: • Increased security for stock and people • If resources are limited in the area, feed can be transported to the camp from elsewhere • Provides income-generating opportunities for caretakers/guards 	<ul style="list-style-type: none"> • As above, also: • Requires a suitable site with shelter/enclosure, water, and feed • Requires more organization and management than feeding in situ as well as resources for salaries, feed, etc. • Requires organized labour to supervise and guard the stock • Livestock need to be healthy enough to travel to the camp

Review the **advantages + disadvantages** table for the different options:

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Tool 3 - Timing



Table 6.2 Possible timing of feed interventions

Options	Rapid onset			Slow onset			
	Immediate aftermath	Early recovery	Recovery	Alert	Alarm	Emergency	Recovery
1. Emergency feeding in situ	→			→			
2. Emergency feeding in feed camp	→			→			

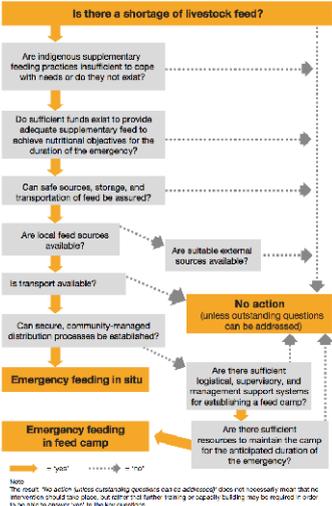


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Tool 4 - Decision Tree



Figure 6.1 Decision-making tree for feed options



Is there a shortage of livestock feed?

- Are indigenous supplementary feeding practices insufficient to cope with needs or do they not exist?
- Do sufficient funds exist to provide adequate supplementary feed to achieve nutritional objectives for the duration of the emergency?
- Can safe source, storage, and transportation of feed be assured?
- Are local feed sources available?
- Are suitable external sources available?
- Is transport available?
- Can secure, community-managed distribution processes be established?

Emergency feeding in situ

Emergency feeding in feed camp

No action (unless outstanding questions can be addressed)

Are there sufficient logistical, supervisory, and management support systems for establishing a feed camp?

Are there sufficient resources to maintain the camp for the anticipated duration of the emergency?

Legend: → 'yes', → 'no'

Note: The term 'no action' (unless outstanding questions can be addressed) does not necessarily mean that no interventions should be done, but rather that further training or capacity building may be required in order to be able to deliver 'yes' to the key questions.

Work through the decision tree to reach an option box...

... using the information from:

- ❖ Initial Assessments
- ❖ PRIM process to answer the questions.



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Tool 4 enables us to make decisions about:

- a) Whether or not a particular technical intervention is viable at all, for example, is a feed intervention viable for this particular emergency situation?
- b) If the feed intervention is viable, then what kind of feed intervention should we have?

Tool 5 - Design response programme



Use **Standards, Key Actions, Guidance Notes**

1. Review the relevant Standards, Key Actions, Guidance Notes for the interventions+ options you have selected
2. Confirm which livelihood objective (s) you are aiming to meet
3. Identify the key outcomes
4. Outline the main activities
5. Identify indicators

Standard

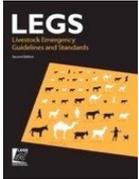
Standards describe an essential part of an emergency response and are generally qualitative statements.

Key actions

- Key actions attached to each standard are key steps or actions that contribute to achieving the standard.

Guidance notes

1. Guidance notes, which should be read in conjunction with the Key actions, outline particular issues to consider when applying the Standards.



Feed

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Example of Response Plan



Intervention: Option:	Feed Emergency feeding in situ	Destocking Slaughter destocking
Livelihoods Objective(s)	2. Protect livelihood assets	1. Immediate benefits
Intervention Objectives	Female breeding stock of 60% of the poorest households* in the target villages receive survival feed rations for 3 months <i>* Households with less than 25 animals</i>	<ul style="list-style-type: none"> • 50% of poorest households gain income of at least \$20 from livestock sales • 150 poorest households receive at least 10kg dried meat each
Outcomes	<ul style="list-style-type: none"> • Drought-affected livestock survive until feed sources are replenished 	<ul style="list-style-type: none"> • Affected households receive cash income • Vulnerable households receive food (dried meat)
Activities	<ul style="list-style-type: none"> • Identify target areas and distribution systems in conjunction with local institutions • Identify feed source 	<ul style="list-style-type: none"> • Identify target communities and vulnerable groups • Organise livestock purchases • Organise slaughter facilities and meat distribution

Video 5.2 - Summary of LEGS Stage 3

This video provides a summary of Stage 3 - Analysis of Technical Interventions and Options.

 **As you watch the video** note down any questions or points of clarification that you would like to discuss in the next Live Workshop.

Click here to watch Video 5.2 – Summary of LEGS Stage 3 - <https://vimeo.com/523455517/a11d9bb352>

5.5 Design a response plan – preparation for the Live Workshop

Preparation

The Live Workshop activity involves creating a response plan using the PRIM created in the previous Module and case study A3.

Read and makes notes on the following and be prepared to participate in the Live Workshop activity -

1. Purpose and Task instructions,
 2. Check that you have been allocated to a group in the email sent to you by your Trainer.
 3. Read case study A3.
 4. Assume the role of the stakeholder allocated to you by the Trainer (see email).
 - Read and understand your role and the perspectives of this stakeholder.
 - Use the information from previous Case Study A1 AND the new information in Case Study A2.
 - Consider LEGS cross-cutting themes in preparation for the meeting.
-

Purpose

The purpose of this activity in the Live Workshop is to practice designing a response plan using a realistic case study.

This activity strengthens your knowledge and skills in:

- The five tools of Stage 3 of the LEGS response,
- How to use the tools to create a response plan,
- Selecting appropriate Technical Intervention for each of the three LEGS Livelihood Objectives,
- Evidence based decision-making using data gathered in Stages 1 and 2 of the LEGS response,
- Key planning terms,
- Planning in collaboration with different stakeholders.

5.6 Check your understanding - QUIZ

Quiz # 5

This quiz enables you to check your understanding of the key topics covered in the Self-Paced Learning Guide of Module 5.

The results help you identify which aspects you have good knowledge of and those aspects you might like to review before the next Live Workshop.

You will be awarded a digital credit for successfully completing the following quiz and the Self-Paced Learning Guide of Module 5.

Click here to complete Quiz #5 - <https://www.livestock-emergency.net/quizzes/5-6-check-your-understanding-quiz/>

Congratulations on completing the Self-paced Learning Guide for Module 5.

