

Livestock Emergency Guidelines and Standards - LEGS

livelihoods-based livestock interventions in disasters



CONSULTANT CALL: LIVESTOCK EMERGENCY PREPAREDNESS AND RESPONSE FOR AREAS AT HIGH RISK OF VOLCANIC ERUPTIONS – TECHNICAL BRIEF PREPARATION

LIVESTOCK EMERGENCY GUIDELINES AND STANDARDS (LEGS)

The Livestock Emergency Guidelines and Standards (LEGS) are a set of international standards and guidelines for the assessment, design, implementation and evaluation of livestock interventions to assist people affected by humanitarian crises. The ultimate aim of LEGS is to improve the quality and livelihoods impact of livestock-related projects in humanitarian situations. LEGS is recognized and promoted by a growing number of donors globally and is implemented by a broad range of operational organizations, including NGOs as well as international agencies such as FAO and ICRC.

The LEGS Handbook was first published in 2009, the second edition in 2015 and preparations are underway for the publication of the third edition. LEGS draws on evidence-based good practice from around the world, which is incorporated into the Handbook, training materials and other resources.

The *Livestock Emergency Guidelines and Standards – LEGS* organisation is a non-profit entity registered in the United Kingdom, managed by a Board of Trustees, and supported by a technical Advisory Committee made up of individuals from the Food and Agriculture Organisation (FAO), the International Committee of the Red Cross (ICRC), the Overseas Development Institute (ODI), Sphere India, and Tufts University.

BACKGROUND TO THE TECHNICAL BRIEF

LEGS is working with the FAO Regional Office for Asia and the Pacific to enable countries at risk of volcanic eruptions to be better prepared in mitigating the effects of eruptions on animals, and livestock in particular.

The FAO OSRO/RAS/902/USA project focuses on two countries, Indonesia and the Philippines. Indonesia is situated on the Pacific Ring of Fire, a chain of volcanoes that stretches from Sumatra through Java and Bali to Timor and constitutes the world's most dangerous tectonic interface. In the Philippines, there are around 22 active volcanoes, including Mount Pinatubo, where the 1991 explosion was one of the 20th century's biggest volcanic eruptions killing hundreds of people and even more livestock. In 2018 around Mount Mayon, more than 74 000 people faced disruption to their lives and livelihoods and were staying in emergency shelters after fleeing the danger zone.

Volcanic eruptions can destroy plants over wide areas or cover pasture with thick ash. The physical effects of lava, ash, gases, and possible tsunamis affect livestock, companion animals and wildlife, sometimes fatally. Livestock may suffer from neglect, when livestock raisers are forced to evacuate as well as a range of related issues, from water and feed supply shortages and contaminants to temporary shelter requirements. These consequences lead to dehydration, starvation, livestock production loss and significant threats to livestock-owning communities' livelihoods.

Generally, lava flows are unlikely to engulf people, but flows can overrun physical structures such as houses, roads, and livestock infrastructure, leading to evacuation of human and animal populations. Thus, volcanic eruption events require emergency preparedness measures to mitigate risks, such as procedures for human and animal translocation to safer places.

Under the agreement between LEGS and FAO the key outputs are a Technical Brief on preparedness, response and recovery to livestock and livelihoods needs related to volcanic activity, linked to the LEGS Approach, and a volcano context case study (covered under separate TOR) for use as a simulation exercise/role play for training on how to plan and deliver more effective, evidence-based volcano emergency response interventions.

CONSULTANT TERMS OF REFERENCE

The objective of the Technical Brief is to produce a relevant, practical, volcano emergency context evidence-based document to guide better preparedness, response and recovery. Its format and content will contribute to two expected project products, namely, online training and the planned FAO project publication *Guidelines for Livestock Impacted by Volcanic Eruptions* (G-live). G-Live will include detailed cross-references to the LEGS Handbook and other resources.

The Technical Brief will address the following:

- Introduction to volcano contexts and to LEGS application to volcano disasters
- Overview of the impact of volcanoes on livestock and livestock keepers
- Relevant LEGS-linked planning tools, with illustrations from volcano contexts:
 - ✓ Initial Assessment Checklists
 - ✓ Response planning
 - including application of the LEGS Participatory Response Identification Matrix,
 - emphasis on protection and rebuilding livestock-related livelihoods.
 - ✓ Technical response options and standards

The Brief will draw on case studies developed under the FAO OSRO/RAS/902/USA project and other sources and will be 12-15 pages in length (excluding annexes).

The consultant will therefore:

- Participate in a briefing call with LEGS to agree the scope and focus of the Brief
- Review documents provided by FAO and from other appropriate sources
- Draft a contents page for the Brief, to be discussed and agreed with LEGS and FAO
- Submit an initial draft of the Brief for comment and feedback from LEGS and FAO
- Produce a final version of the Brief

Anticipated start date:	2 nd December 2021
Duration of assignment:	10.5 days
Anticipated output:	Technical Brief of maximum 15 pages excluding annexes
Reporting to:	LEGS Coordinator
Required competencies:	Background and at least 15 years' experience in livestock and emergency response, including knowledge of LEGS, with particular understanding of livestock-based livelihoods; experience of working in volcanic regions, and emergency response to volcanic eruptions; excellent writing skills

Interested parties should submit their CV and a brief technical proposal (max 1 page) outlining their suggested methodology and timeline, together with a sample of their writing, to the LEGS Finance Manager by **25th November 2021**: info@livestock-emergency.net.