



AHTCS

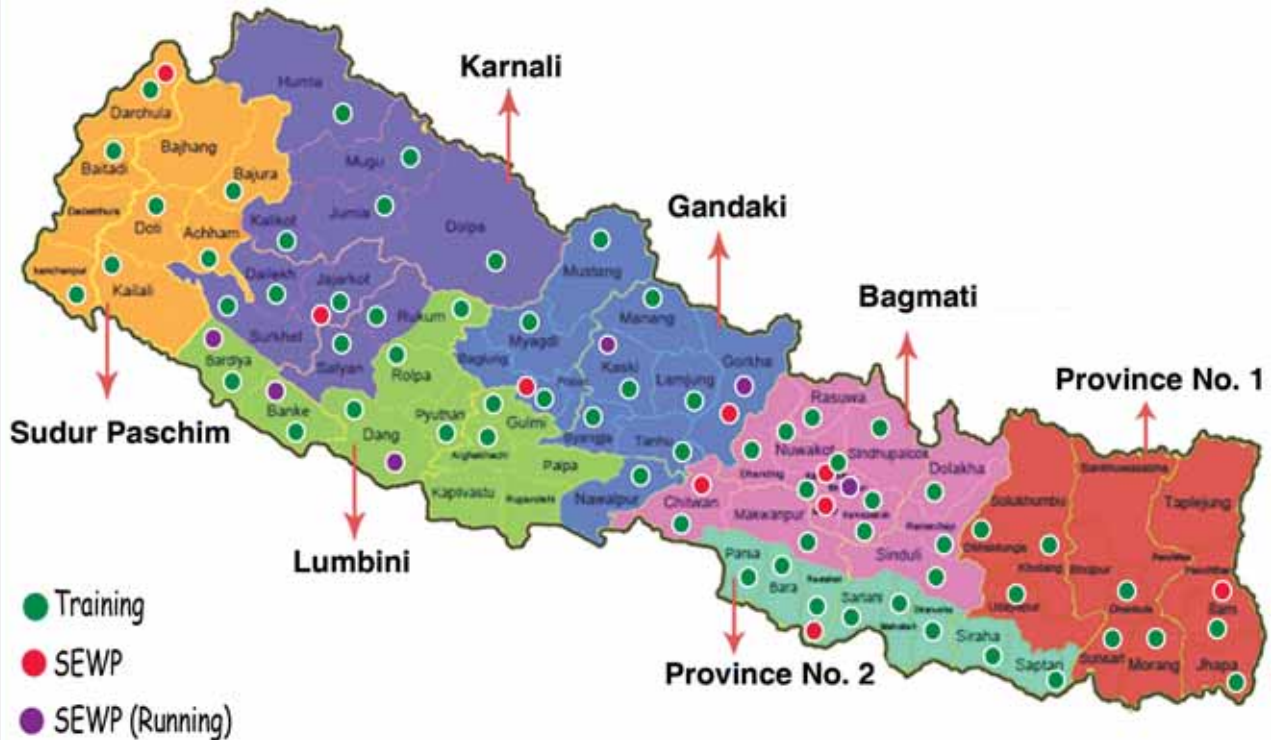
Animal Health Training and Consultancy Service

Annual Report 2020 (B.S. 2077/78)



www.ahtcs.org.np

District Coverage upto 2020



ANIMAL HEALTH TRAINING AND CONSULTANCY SERVICE

Arva Resource Centre (ARC)

(ARC Map & Master Plan)

- Boundary with Barbed Fence
- Main Road
- Green Fence
- Walking Trail
- Kitchen Garden
- Open Area
- Plantation Area
- Pumping Water From Bijayapur Khola



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Foreword

It gives us pleasure to present our annual report of the year 2020 AD (B.S. 2077/78) to give you a brief overview of the progress we have achieved. AHTCS completes 20th years of its valuable service in animal health, husbandry and equine welfare in Nepal.

This year was the transition after formation of three tiers government system in country. We have to coordinate right from the local level government to provincial and federal government. There were chaos while delivering project activities, project approval, project monitoring and project reporting. All government officials were new, some were newly appointed or transferred from other offices.

When country was slowly getting pace, Covid-19 pandemic hit the country from March 2020. To prevent its spread government has lock down the country. And as a result every sectors in the country become halt. We also have to postpone project as well as core training activities, have to implement Covid-19 sensitization and prevention activities in our command areas.

Besides all these challenges and inconveniences, AHTCS continued to get the support and encouragement from our development cooperation partners from which we were able to help the communities and made 2020 a success year. This year AHTCS made its presence in 6 districts while implementing Equine Welfare Project covering 854 equine owners/handlers and 1995 equines. The production of 74 Village Animal Health Workers (VAHW) contributed in effective and sustainable animal health services in rural area.

We would like to take this opportunity to express our sincere gratitude to Department of Livestock Service (DLS) and Social Welfare Council, Kathmandu, Federal government, Gandaki province, Ministry of Land Management, Agriculture and Cooperatives, Livestock and Fisheries Development Directorate, Livestock Service Training Center, Veterinary Diagnostic Laboratory, Veterinary Hospital and Livestock Expert Center, Kaski, Gandaki province, various Rural and Urban Municipalities in our command areas, the Brooke Hospital for Animal (Brooke), UK, Heifer International Nepal Country Office, Sahas Nepal, Phase Nepal, Suaahara Saghan, Helvetas Nepal, Li Bird and other short term training partners for their valuable support in creating a substantial difference to the lives of the people in need.

Finally, we would like to thank all our staffs, general members and executive members who have make such great efforts to make the year successful.

Thank you.

Dr. Bidur Pakhrin
Executive Director

Shiba Kumar Pradhan
Chairperson

AHTCs in Brief



Introduction

Animal Health Training and Consultancy Service (AHTCS) was established in 2000 as a service-oriented, non-profit making non-governmental organization for improving the living standard of marginalized communities through partnership with national and international organization and agencies. It was started by Animal Health Improvement Program (AHIP) of Rural Development Centre (RDC) under the direction of United Mission to Nepal in 1981 to address the myriad of constraints faced by rural livestock raisers. It is registered in District Administration Office Kaski and affiliated with Social Welfare Council (SWC) Lainchaur, Kathmandu. It works for the benefit of its target communities in the areas of animal health, husbandry and equine welfare. It also addresses need-based livestock-mediated program diversification such as livelihood enhancement via agriculture practices.

Vision

AHTCS will be a sustainable and leading organization for building self-reliant, healthy and sustainable farming communities.

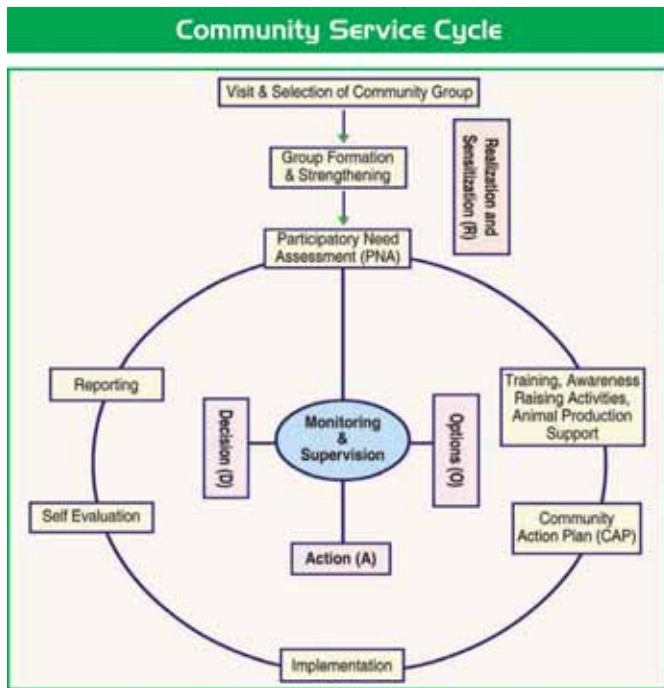
Mission

Improve the quality of life of poor, marginalized and needy communities by providing them with eco-friendly practical education and services on animal care and its associated agriculture practices, using local resources and linking with other partners.

Goal

Improve the livelihood status of target communities by providing quality education and services effectively and efficiently, along with increasing internal resources of organization.

Working Approach



35 Days VAHW Training



Emergency Treatment



Guiding VAHW Trainee for Intravenous Fluid Therapy



Issue Based Session

Livestock and Agriculture Training Program



This program includes training on livestock, agriculture and technical training of trainers. The Village Animal Health Worker (VAHW) is a vital training program and in some of the program, trained VAHW is also equipped with basic knowledge and skills on agriculture and horticulture. Further, need based training curriculum is also designed and training on facilitation of livestock management skills and knowledge is also provided.

Village Animal Health Worker (VAHW) Training

Village Animal Health Worker (VAHW) training is a 35 day course, conducted in coordination with Nepal Government, Department of Livestock Services. It is designed to provide skill-based training for leader

farmers, so as to assist the poor and marginalized farming families to improve their livestock rearing practices. The course is designed to provide basic technical knowledge and skill in animal health, animal management and related fields, to the literate leader farmers and persons who contribute the community and needy people through animal health and management activities directly and indirectly to the development of the livestock sector.

Organizations sending participants:

1. Heifer International Nepal
2. Sahas Nepal
3. Phase Nepal
4. Suaahara Saghan

5. Helvetas Nepal
6. Li Bird
7. WWF
8. INF
9. RIMS Nepal

Participants from (districts):

Palpa, Gulmi, Nawalparasi, Parbat, Dang, Sindhuli, Pyuthan, Salyan, Surkhet, Bardiya, Doti, Dhading, Kanchanpur, Sindhupalchowk, Gorkha, Bardiya, Kailali, Chitwan, Ramechhap, Kaski, Lamjung, Syangja, Baglung, Morang, Udaypur, Khotang, Dolpa, Mugu

Achievements

- 4 events of 35 days 'Village Animal Health

Worker' (VAHW) Training to 108 trainee that include 90 male and 18 female

- 3 events of "Basic Agriculture Training to 76 trainees (61 males and 15 females)
- 1 event of VAHW Refresher training to 18 female VAHWs
- A total of 103 kit boxes were distributed to 103 VAHW trainees that would facilitate their work immediately after they return back to their home villages.
- A total of 2585 animals including cows, buffaloes, goats, sheep, pig and dogs were treated against different diseases and condition for free of cost, at the health camps organized during the VAHW training and VAHW Refresher Training



Practicing Intramuscular Injection by VAHW Trainee



Preparation of UMMB by VAHW Trainee

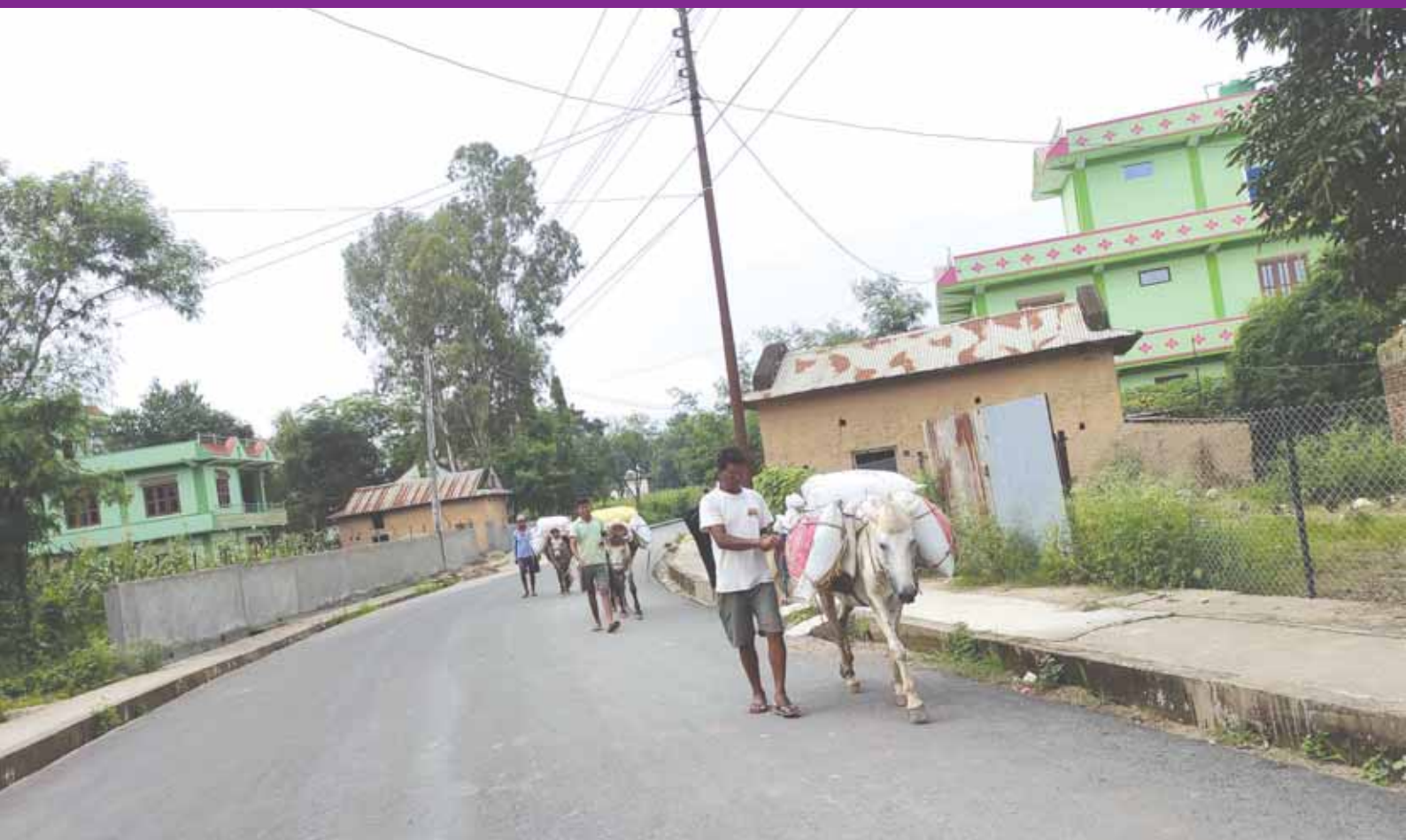


Preparation of Balanced Ration by Trainee



Practicing Castration by VAHW Trainee

SUSTAINABLE EQUINE WELFARE THROUGH IMPROVE HUMAN BEHAVIOUR AND WORKING ENVIRONMENT PROJECT (SEWP)



Sustainable equine welfare through improved human behavior and working environment project (SEWP) is a project funded by a leading overseas charity named Brooke Hospital for Animal UK since 2007. It is a pioneering project in Nepal that works for animal welfare issues, especially of equine animals. The project aims to improve the working equine welfare situation by encouraging community participation and establishing linkage among the local systems for sustainable working equine welfare in the project districts. Currently this project is being implemented intensively in 6 districts of Nepal namely Kaski, Bhaktapur, Gorkha, Dang, Banke and Bardiya. Equine husbandry and management education and awareness to the equine owning communities, capacity building of equine owners on equine disease prevention, livelihood skills enhancement and support to the community, advocacy with the local

government and government stakeholders to adopt animal health practitioners (including government vet technicians) and emergency treatment services to the equines in need are the key components of this project.

Coverage of this project is 6,584 working equine animals and 2761 equine owners. The population is spread over 24 communities, 45 brick kilns, 5 rice mills and 5 milk chilling centre that we work with. There are existing 15 equine welfare group in intensive sites among them 5 are women and 10 are men group.

Achievements:

Service Provision

1. A total of 3222 equines were benefitted through clinical services provided by AHTCS and local

- healthcare providers in Gorkha, Kaski, Banke, Bardiya, Bhaktapur and Dang.
2. Three days equine specific clinical refresher training delivered to 23 AHPs by AHTCS vets.
 3. Basic vet equipment like bag, head collar, lead rope, thermometer and study materials are distributed to 23 trained AHPs in Bhaktapur and Dang
 4. One event of 'One day training to community leader on better equine husbandry and preventive medicine' were carried where 6 community leader were participated
 5. Tetanus vaccination was provided to 150 equines free of cost from local livestock office in coordination of AHTCS. Also, raised awareness to them about prevention of wound
 6. Emergency treatment support in all sites was provided with total of 542 clinical cases handled by AHTCS vets and AHPs
 7. One event of one day training on wound management, hoof care and eye care to 29 equine owners and handlers of Dang.
 8. Quarterly learning and sharing meeting with 54 Animal Health Service Providers (AHPs) through 7 events in Dang, Banke, Bhaktapur.
 9. Nine events of one day training to 180 equine owners on general health, nutrition and environment was delivered in project command sites.
 10. 172 women were made aware in basic equine care and management by conducting 11 awareness events
 11. A total of 170 issue based welfare session was organized for 1081 equine owners and handlers in which colic, wound, surra, shed management, balanced ration, tetanus vaccination, lameness, animal shed, sanitation and nutrition, working environment, eye care, strangles, hoof management were topic of discussion.
 12. Dissemination of animal welfare message through IEC materials (Owner's education manual, farmer's diary, Flex board, Pamphlets, Poster, 3 hooding board in Gorkha).
 13. 7 AHPs were mentored onsite by AHTCS staff.
 14. Farriery & hair clipping facilities were made available in 20 BKs & 7 communities.
 15. 10 local agrovets have maintained equine specific vet. medicines.
 16. 6 local governments veterinary service center had started providing equine vet. service.

Community Engagement

1. A total of 120 events of monthly review meeting with equine owners and EWGs was held engaging 169 equine owners and handlers during which discussion on prevention and safety measures of Covid-19, group strengthening, saving and credit mobilization, hoof problem and management, livestock enterprise training was done
2. 42 community leader were motivated toward improving equine welfare in their community
3. 45 community leader were mobilize for raising awareness on animal welfare
4. Six events of quarterly learning sharing meeting with 58 community leader was conducted
5. Three events of participatory beginning and end season evaluation discussion among 47 equine owners conducted in Banke, Dang and Bhaktapur
6. 7 EWGs (3 Women Group and 4 men Groups) were registered in livestock unit under local Government
7. A total of 170 issue based welfare sessions on equine care and management to 347 equine owners and handlers in order to sensitize them on equine diseases, prevention and management was delivered.
8. Awareness raised on horse insurance and linked communities with the companies in Banke and Dang. Insurance of 87 horses was done.
9. Three events of Review and sharing meeting with 47 Brick Kiln association members in Dang, Banke and Bhaktapur
10. 15 LHPs were mobilized to facilitate sessions in the community meetings.

11. 28 AHPs/LHP linked with equine owning community and equine owners for providing health service.
12. Disseminated animal welfare messages to equine owners, communities, stakeholders through various materials like; Owner's education manual, farmer's dairy, flex boards, poster and pamphlets
13. 119 equine owners were motivated and supported for initiation in green fodder production for equines.
14. 169 EWG members were involved in group saving and credit mobilization. 136 members were linked with local institutions (co-operative & micro-finance).
15. 8 EWGs & 4BKs received green fodder sheet & 1 EWG received hand tractor from local government.

Advocacy

1. Three events of One day sensitization workshop with 47 politically elected local public representatives and 25 Brick kilns/Rice mills owners, managers on animal health and welfare legislations in Dang, Banke, and Bhaktapur
2. 3 events of One day workshop with 39 government stakeholders on animal welfare legislations in Banke, Dang and Hills
3. Regular lobbying meeting in all sites with government officials and local government representatives were informed on equine welfare issues.
4. Highlights animal welfare issues and disseminate awareness through use of local media in all sites.
5. Celebration of world veterinary day and world animal day jointly with government stakeholders and Veterinary Hospital and Livestock Service Export Center in Dang, Banke and Hills
6. Update stakeholders on animal welfare status on quarterly basis through reports and newsletter in all sites.
7. Animal welfare directive-2073 implemented in 26 BKs.

Organizational Development, Research, Monitoring and Evaluation

1. Two events of quarterly participatory review and planning meeting among all AHTCS project Staff (one event was virtually done)
2. Engage in e-learning to enhance capacity of AHTCS veterinarian.
3. Project wrap up workshop in Gorkha with 23 participants
4. Two events of Mid-year/annual planning meeting was done
5. One event of Quarterly updates to AHTCS vet technicians on equine clinical medicines by AHTCS vets.

Clinical Cases attended this year (2020) Preventive/Infectitious/Non-infectitious

S.N.	Cases	Number
1.	Wounds	303
2.	Lameness	217
3.	Gastro-intestinal (Colic, Diarrhea, Bloat etc.)	113
4.	Respiratory problems (Pneumonia, Strangles, Glanders, Unilateral nasal discharge)	96
5.	Foot abscess	12
6.	Surra, Tetanus	19
7.	Reproductive (Dystocia, Abortion, Cryptorchidism)	7
8.	Anorexia, weakness	161
9.	Ophthalmological problems (Eyes)	50
10.	Dermatological Problems (skin)	9
11.	Euthanasia	4
12.	Babesiosis	3
13.	Fracture, Paralysis	5
14.	Poisoning, Bee Bite	5
15.	Heat Stress	2
16.	Deworming (external and Internal Parasites)	1870
17.	Ulcerative Lymphangitis	5
18.	Others	3
	Total	2884

Success Story

Aman Brick Kiln: Impetus for other Brick Kilns for Sustainable Equine Welfare

Brick Kiln is a seasonal industry and operates from late Nov. to early June. Equids are imported from nearby communities, districts and adjoining districts of India and put to work during the BK operation season and dispatched back to their home town once the Brick Kiln comes to seasonal halt. Thus the resultant high turnover of equines, equines owners and handlers have posed major constraint in continuity and sustainability of the outcomes realized during the particular season.

In contrast to the prevailing scenario, In Aman BK, Banke, same equine owners and handlers have been continuously working for past 9 years and running. Moreover, the very same mules are providing draught power since beginning. Mr. Pappu Kasgar, BK owner says, "Equine owner and handlers are loyal and responsible towards their work and takes proper care of their animals". Similarly, Ahmed Ali, equine owner who is temporarily living in the BK with his family, also regards him highly and is grateful for the support and services provided and intends to continue working with him for years to come. From animal welfare perspective, considerable improvements have been realized with each passing years as evident by the average BCS of >2 and no mortality recorded during the past few years. No major health and welfare issues have evolved during this period. There has been gradual improvement in physical infrastructure and working environment; provision of clean, comfortable and permanent shed with appropriate drinking water facilities and feeding manger, plain working terrain with no ditches or brick pieces and obstacles, provision of shade for animals to rest during the extreme hot and humid hours of days.

Significant changes have been observed regarding the



knowledge, attitude and practice of equine owners and handlers. Equids are fed balanced diet, consisting of appropriate amount of roughage and concentrate (wheat straw, bran, salt, maize, grams, etc.), at least thrice a day. Berseem and other seasonal grasses are cultivated to ensure continual supply of green forage for the animals. Besides, animals are put to work only during the morning and late noon hours and no more than 8 hrs a day with provision of complete rest once a week. No major overloading issues were/are prevalent. With relation to the vet service provision, equine owners have maintained basic medications (Analgesic, antiseptic, antidiarrheal, etc.) at their disposal and are able to provide primary care and first aid and manage minor problems by themselves and always willing to seek services from vets/techs when required.

AHTCS has been constantly monitoring the development and providing services to the very BK and wishes to reward such stakeholders and apply the learnings and extend similar practices throughout the entire project command areas.

Low Tech Subsistence Hydroponics Technology: Innovative & economically viable

Nutritional status of equids in the brick kilns is considerably compromised owing to the scarcity of green fodder. Acknowledging the fact AHTCS planned to introduce low tech subsistence hydroponics in the brick kilns to deficit the greens scarcity. Hydroponics is the technique of growing fodder plants without soil, in confined space within a short time period. Various fodder plants like wheat, barley, oat, maize, etc. can be produced using this technology.



A preliminary trial was conducted in collaboration with Aero roots Nepal, an innovative agro-tech company, to study feasibility of the hydroponics. The study was conducted on oat. The outcomes were and a protocol was developed. COVID-19 pandemic and subsequent lockdown forced brick industries to premature halt. So, the technology couldn't be extended in the brick kilns. AHTCS member/ Purna Bahadur Chaudhary carried out hydroponics during Lockdown period while working from home applying the learnings of preliminary trial. Wheat was grown via this technology established utilizing the locally available resources. 1 kg of wheat yielded about 6 kg of green fodder on 8 days period.



After lockdown was lifted, the trial was replicated in 2 communities of Banke and 1 Brick Kiln of Dang on August. Wheat and maize fodder were grown using this technology. Small hydroponics units were installed in the semi closed space near the human dwelling. The structures were designed in a such a

way to prevent direct sunrays entering the plant yet open enough to allow proper ventilation. Holding racks were prepared using the locally available materials (bamboo and woods). Locally available untreated wheat and maize seeds were used. The procedures involved are described below:

1. Cleaning and soaking of seeds: The seeds were washed with tap water 4-5 times to remove dirt, hollow, broken, infested and damaged seeds. Then, they were left to soak in bucket for 24 hrs.
2. Sprouting: After soaking for 24 hrs, the water was drained and the seeds were transferred to

gunny bags and stored in dark for next 24 hrs. During the storage period, little amount of water was sprinkled over the sacks to maintain optimum moisture and hasten sprouting.

3. Transfer and spread of seeds: The sprouted seeds were then transferred to the tray stacked in the holding racks and evenly spread. About 650-750 gm of seed was placed in each tray; with depth being about 2 cm.
4. Irrigation: The seeds/plants were watered 4-6 times a day with make-do sprinkler. No nutrients were used; only clean tap water. Roots were visible from 3rd to 4th days of sowing.
5. Harvest: The plant (root, seed and shoot mat) was harvested on 10th day with average height of 25-30 cm; the fastest lot being harvested on 8th day and longest being 12th day. The fodder slab was then cut and fed to animals.



The study was conducted using 25 hole bored plastic trays of dimension 55 cm*25 cm. Average seed rate per tray was 650-750 gm with that of wheat being slightly higher than maize. No any external temperature and humidity regulatory mechanisms were applied; ambient environmental temperature ranging from 32-40°C and RH 40-80. 1 kg of seed yielded 5-6 kg of green fodder (root, seed and shoot) on 10-days trial period. No any harvest loss incurred and fodder was palatable and relished by animals with no outward negative effects.

Few incidences of improper germination of seed and fungal growth were observed. The contaminated plants were treated with vinegar but to no avail. Based on the observation, poor seed quality, water, compromised ventilation and drainage might be some of the contributing factors.

Overall the outcome of the trial is quite encouraging and AHTCS is planning to extend this technology in the BKs of project command sites in the upcoming BK working season. Further, we plan to impart the knowledge and skill to other equine owners and communities via training and demonstration.

Success Story

Environmental Improvement in Rice Mills of Dang

Equids rearing in Chaudhary communities of Dang district traces long back to the generations. The income generated from these animals has been the major contributor to the livelihood of those communities. Equids are put to various kinds of works and their use as pack animals to carry loads of paddy/rice in the rice mill is one of the major chore. Farmers collect paddy from nearby villages and after processing in the rice mill, they sell them in the nearby markets and make money. The entire transportation of paddy from villages to the rice mill and then to the local market falls upon the equids, whereas the needs and sentient of the animal goes unaddressed. Acknowledging this harsh reality, AHTCS started the intervention and integrated the rice mill owner/manager along with the equine owners into the program as we understand they are the major actors of animal welfare chain in the rice mill.

Along with the equine owners, the rice mill owners/managers are informed and educated on the equine welfare issues, the basic physical and emotional needs of the working equids and working environment in the rice mill (resting space, drinking water facility, handling behaviour, shelter and shade, etc). Besides, they are also sensitized on animal welfare legislations and the various government provisioned animal welfare policies. These efforts have been quite encouraging so far to have laid a

foundation to achieve welfare outcomes. With the financial support from AHTCS-Brooke, one rice mills had built a shelter for the equids whereas the remaining ones have sound provision of resting places for the animals with proper shade. Each rice mill has abundant clean drinking water facilities. The equids are freed of harness and padding materials and provided appropriate rest between the working hours. Besides these, equids are only put to work in the morning during the extreme humid and sunny summer days. Harness and padding materials being used are well fitted, comfortable and made up of soft materials. The changes in attitude and behaviour of both equine owners and rice mill owners played a crucial role to address welfare issues of animals working in the rice mills.

Although notable improvements have been realized in few rice mills which is need to be replicated by other mills to address the welfare issues but the overloading remains the major welfare issue in the animals working in the rice mills. This can be mitigated through price fixing of loads; price of per kg load rather than the price per animal load which is not in the practice. This unusual practice resulting adverse health and welfare implications in the animals. AHTCS has been working on these fronts and hopes to resolve this issues in the near future through various approaches.



Arva Resource Center (ARC)



AHTCS has its own land with an area of approximately 20 thousands square meters (about 42 ropani) at Arva, Pokhara Metropolitan City, Ward No. 13, Gandaki Province. It is located 7 km east from Gandaki Hospital Chowk, Ramghat, Pokhara.

AHTCS has established a training center in its land at Arva, which is known as Arva Resource Center. The training center has a two storey hostel facility that can accommodate 35 people. It also has a canteen and class room to cater for 35 people. The class room and hostel room to cater for 35 people. The class room and hostel has provided with power back up system. The class room is furnished with salient teaching materials such as multimedia projector, desktop and printer, various hand-outs, training related posters/charts, audio-visual training materials, veterinary equipments, veterinary medicines and vaccines.

TRAINING ORGANIZATION EXPERIENCE

AHTCS has good deal of experience on developing

new training packages in the field of animal health and husbandry and agriculture on the need of community. The training carried out by the organization develops a larger understanding of the livestock and agriculture production systems and social mobilization from diverse perspectives: peoples, livelihood, gender, caste and class. The training and capacity building curriculums are meant for the community workers and development workers in the field of animal and agriculture. From its establishment till date, AHTCS has delivered different training courses for the improvement of quality of life of poor, marginalized and needy farmers by making partnership with other partners. The summary of major training conducted by the organization is listed below.

VILLAGE ANIMAL HEALTH WORKER (VAHW) TRAINING

Village Animal Health Worker (VAHW) training is a 35 day course, designed to provide skill-based training

for leader farmers, so as to assist the poor and marginalized farming families to improve their livestock rearing practices. The course is designed to provide basic technical knowledge and skill in animal health, animal management and related fields, to the literate leader farmers and persons who contribute the community and needy people through animal health and management activities directly and indirectly to the development of the livestock sector.

The ultimate goal of this training is to produce Village Animal Health Workers capable of treating and controlling basic animal diseases and problems at village level. In the past, all the VAHW training courses were organized according to the training approval letter from the Directorate of Livestock Service Training and Extension, Department of Livestock Service, Government of Nepal. The courses are jointly supervised by Regional Livestock Training Centre, Pokhara and Directorate of Livestock Services Training and Extension, Harihar Bhawan, Lalitpur. Now approved are being done by Gandaki Province, Land Management, Agriculture & Co-operative Ministry. And training is jointly monitor by Livestock & Fisheries Directorate and Livestock Service Training Center, Kaski.

AHTCS has organized 77 event of such training courses from its inception till 15th July 2020 and produced 1796 VAHWs including 1421 males and 375 females with coverage of 70 districts and 7 province of Nepal.

VAHW REFRESHER TRAINING

In order to empower VAHWs with recent diagnostic and treatment techniques and to address the shortcomings noticed during follow up visits, refresher training is organized after need assessment. In refresher trainings, VAHWs share their experiences among themselves to inspire each other from successful ones and to learn from mistakes. Those active in the job and the increased possibility of activity after refresher training are taken into account during final discussion. Our partner

organizations consult us to conduct this training if they need them. This training is of duration from 10 to 15 days on the basis of need of participants.

VAHW Facilitation Training

VAHW are the grass root level technicians. They can provide basic animal health care and management in rural areas after the training. The VAHW training course focuses on technical aspects only so that AHTCS recommends all VAHWs to participate in Improved Animal Management (IAM) Facilitation Training. The seven days long IAM-FT is especially designed for VAHWs to provide basic knowledge and skill in order to disseminate the skill and knowledge gained by them to the concerned communities. This trainings is designed based on the specific need of VAHWs of partner projects so that after this training they can work not only as animal health workers, but also as social mobilizers and/or group facilitators.

VAHW Level-I Skill Testing Orientation and Examination

This activity is for VAHW and person who has narrow range, but has useful skill in animal health and management sector. This is of 9 days activity (5 days of orientation and 4 days of examination).

As a great of orientation and examination the participant is able to:

- Review the learnt skill and knowledge gained at the time of training;
- Share the experience and learning during his/her work at the community;
- Build the further confidence on technical skills;
- Select, give advice on, and implement best practice for better livestock rearing;
- Appear in skill testing examination conducted by Council for Technical Education and Vocational Trainings (CTEVT).

Animal Management Training

Animal management training is a 3 to 7 days course designed for the community groups which includes parts of animal husbandry such as shed management, feeding management, fodder and

pasture management and breed improvement; and the parts of animal health such as animal diseases, their transmission and preventive measure. This training is aimed to improve the livestock rearing practices of the community farmers and ultimately to help the people improve their economic status.

Goat Raising Training

The goat health and management training course is a 3 to 5 days basic course on goat health and management. The course is designed to provide basic skill and knowledge on; breed selection, breeding techniques, common disease, de-worming practices, forage, fodder and balanced diet preparation etc.

Pig Raising Training

This training is a 3 to 5 days basic course on pig health and management. The course is designed to provide basic skill and knowledge on: Restraining and handling of pig; Disinfection of shed, Breed selection and breeding; Balance diet formulation; Common diseases, De-worming practices etc.

Poultry Health and Husbandry

This training is aimed for poultry raisers/farmers to boost up the income of needy and poor families. The key components of this training are preventive poultry health care, curative poultry health care, basic management, etc. This course is of duration 7 days.

Animal Breeding Training

This is 2-3 days long training conducted by the organization with major components like introduction to animal breeding, types of breeding, heat detection, mating, management of breeding male and female, animal selection etc. This training aims to raise animal production potential by preventing inbreeding and other related problems.

Small-Scale Slaughter House Management (Hygienic meat Production)

This training is targeted mainly for meat producer and consumer who want to produce and consume good quantity and hygienic meat respectively. Hygienic meat production, planning of small scale

meat enterprises, basic sanitary requirements, rules and regulation pertaining to meat enterprises etc. are the major contents of this trainees.

Commercial Milk Production and Processing

This training is for commercial milk producers as well as milk co-operatives to use alternatives way of milk utilization having courses on to provide knowledge about dairy animal, feeding of production herd, clean milk production, marketing different milk products etc. This is of 10 days duration course but may vary on need of trainees.

Fodder and Forage Production Training

This training is of duration 2 to 3 days. The key contents of this training are about importance of nutrition and improved grasses, cultivation techniques of various fodders, soil fertility management and other practical demonstrations. The main goal of this training is enhancement in the availability of green fodder to increase production potential of the animals.

Animal Nutrition Management Training

The Animal Nutrition Management training course is a 3 to 5 days course, designed to provide basic knowledge and skill in animal nutrition management, especially focusing on balanced feeding by using locally available ingredients.

Zoonotic Disease Control and Prevention Training

This is a 3 days training course targeted to the community. The key contents of this training are introduction to zoonosis and public health, methods of transmission, major zoonotic diseases: rabies, plague, anthrax, cysticercosis, echinococcosis, kalajar, bird flu etc, milk and meat borne diseases prevention measures etc.

Shed Management Training

Shed management training is a two days course designed for the community groups which includes the contents like drainage, ventilation, floor space requirements, sanitation of barns and practical demonstrations related to these contents. This training aims at providing practical knowledge on

animal shed construction for better animal production.

Integrated Fish Farming Training

A 5 day package of integrated fish farming training aimed to the community is an important step towards fish farming with new technology. In order to transfer the modern technology of fish farming in the communities, the basic training course is designed to provide farmers the required skills in fishery, structures of fish pond, fingerlings, hatchling, diseases, feeding, and harvesting of fish. The training is also organized in coordination with DADO, Fish Development office in different district.

Commercial Vegetable Production Training

The main objective of this 5 days training is to produce seasonal and off-seasonal vegetables as commercial commodities to generate income for poor farmers. The organic farming approach (discarding harmful pesticides and insecticides) is also an important component of the training to promote safety food production. The training also focuses on practical seeding method through plot demonstration and identification of suitable varieties of vegetable crops according to the time of year.

Non Timber Forest Production (NTFP) Training

This training is focused in the identification and cultivation of high value crops in non-timber forest production such as chiraito kurilo, tejpat etc. the training is organized according to the suitability of the specific location for non-timber forest products of herbal and medicinal value. This training is of 5 days duration.

Group Management Training

Group management training is a 2 to 3 days course conducted in groups with the aim to sensitize and help the participants realize the importance of the community groups and to make the group stronger and more sustainable. It also provides knowledge about the importance of savings and helps them to explore the ways to increase the amount of savings in the group.

Saving and Credit Training

In order to provide knowledge and skill about the savings and credit scheme and the maintenance of all transactions in pass books and ledgers, this training is conducted for representatives of the community groups. This is of 3 days package.

Gender Sensitization Training

To facilitate the community in reduction of gender discrimination, violence and to build better social harmony, gender sensitization training is conducted for community groups. This is 2 to 3 days course designed on the need of particular community. Women's Right and Legal Awareness Training to provide basic information on issues of women's rights and legal provision to the group members, 2 to 3 days training course is targeted to the representatives of groups. The foremost contents of the training is Violence against women and its type, Abortion, Marriage and Divorce, Human Trafficking, Rape, Property Right of women/ Muluki Ain and Constitutional rights etc. This training is conducted in collaboration with District Women Development Office.

Basic Cooperative Management Training

To provide basic knowledge on cooperative establishment and its management, 5 days cooperative training package is offered to the communities. Main objectives of this training are to motivate respective groups to go on cooperatives. This training is conducted in collaboration with District Cooperative Division Office.

Agro-based Market Management Training

Agro-based market management training is of 3 days long training for rural farmers. The training is comprise of ensuring the marketing channels and its better methodology where market is not functioning well for agriculture and livestock products. The training imparts some important basic knowledge to farmers about market sub-sector analysis, assessable market value of goods and quality products for better market. District Agriculture Development Office and other partners are the main expertise organization used for facilitation in the training.

Training Activities upto 2077/78 (2020/ 21)

SN	Name of Training	Duration (Days)	Events	Beneficiaries		
				Male	Female	Total
1	VAHW	35	81	1368	463	1830
2	VAHW Refresher	10-15	31	708	233	941
3	VAHW TOT	7-10	12	146	57	203
4	General TOT	10	2	4	24	28
5	Animal Management	3-7	79	272	1502	1774
6	Goat Raising Training	3-5	25	182	429	611
7	Buffalo Raising Training	3-5	1	0	23	23
8	Pig Raising	3-5	4	22	41	63
9	Basic Poultry Production	7	3	42	32	74
10	Basic Poultry Health	7	1	10	4	14
11	Animal Health	5-7	2	12	17	29
12	Zoonotic Disease Control and Prevention	3	3	36	20	56
13	Animal Breeding	3	5	76	33	109
14	Equine Welfare Sensitization Training to Technicians	1-3	7	118	2	120
15	Shed Management	3	15	4	342	346
16	Animal Nutrition Management	2-3	5	5	87	92
17	Fodder and Forage Production	3	50	291	896	1187
18	Integrated Fish Farming	5-7	5	48	72	120
19	Commercial Vegetable Production	5-7	23	233	394	627
20	Non Timber Forest Production (NTFP)	5	7	100	84	184
21	Agro-based Market Management	5	4	48	58	106
22	Group Management	3	30	0	735	735
23	Group Facilitators Training	7	1	0	10	10
24	Saving and Micro-credit	2	2	0	35	35
25	Gender Sensitization and Awareness	2	16	7	342	349
26	Women Rights and Legal Awareness Training for Facilitators	2	1	0	10	10
27	Women Rights and Legal Awareness Training for Groups	1	16	0	362	362
28	Basic Cooperative Training	5	1	4	15	19
29	Basic Cooperative Orientation	1	14	15	313	328
30	Fariery Training	5	6	47	0	47
31	Local Health Service Provider Training	3	22	98	3	101
32	Graduate Vet Training	3	6	68	26	94
33	Livestock Emergency Guidelines and Standards Training	3	2	20	4	24
34	Junior Poultry technician	90	30	143	457	600
35	Local Healer Medicine Orientation	1	1	28	0	28
36	Basic Agriculture Training	10	10	169	57	226
37	Livestock Management and Facilitation Training	5	3	38	15	53
Total				4506	7127	11632

Financial Overview [2020/21]

Animal Health Training & Consultancy Service (AHTCS)

Pokhara - 10, Ramghat


Statement of Financial Position as at 31st Ashad 2078

Particulars	Note	Current Year Amount Rs.	Previous Year Amount Rs.
Assets			
Non Current Assets			
Property Plant & Equipment			
a. Cost Price	3	30,687,058.77	30,628,466.45
b. Accumulated Depreciation		14,747,016.15	13,528,070.49
c. Written Down Value (a-b)		15,940,042.62	17,100,395.96
Current Assets			
Inventory (Consumables-Stationeries)		301,716.00	297,494.00
Deposits, Advance and Receivables	2	1,161,616.73	307,160.37
Cash and Bank Balances	2	7,795,395.48	12,423,415.22
		9,258,728.21	13,028,069.59
Total Assets		25,198,770.83	30,128,465.55
Fund & Liabilities			
Fund & Reserves			
Previous Year's Balance		21,892,019.92	22,440,633.44
Add: Surplus (Deficit)		432,645.67	(548,613.52)
Accumulated Reserves		22,324,665.59	21,892,019.92
Disaster Relief Fund		106,765.00	106,765.00
Property, Plant & Equipment Fund		2,355,646.22	2,973,081.79
Donor's Fund	4	183,139.30	4,577,480.71
Total Reserve & Fund		24,970,216.11	29,549,347.42
Non Current Liabilities			
Current Liabilities			
Account Payables	2	228,554.72	579,118.13
Total		228,554.72	579,118.13
Total Liabilities		228,554.72	579,118.13
Total Fund & Liabilities		25,198,770.83	30,128,465.55

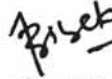

The Notes referred to above form an integral part of Statement of Financial Position


For and on behalf of Animal Health Training & Consultancy Service (AHTCS)


As per our attached report of even date


Mr. Shiba Kumar Pradhan
 President

A.H.T.C.S.


Mr. Lila Bahadur Gurung
 Member Secretary


CA. Bibek Khanal
 Bibek Khanal & Associates
 Chartered Accountants



Ms. Bishnu Gurung
 Admin/Finance Officer


Dr. Bidur Pakhrin
 Executive Director


Mr. Magan Lal Shrestha
 Treasurer


Financial Overview [2020/21]

Animal Health Training & Consultancy Service (AHTCS)
Pokhara - 10, Ramghat
Statement of Income & Expenditure
For the period from 1st Shrawan 2077 to 31st Ashad 2078

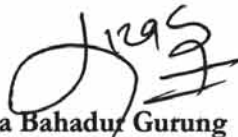
Particulars	Note	Current Year Amount Rs.	Previous Year Amount Rs.
Income			
Grant Income	5	14,703,286.76	15,780,671.82
Training Income		6,149,324.00	3,877,040.00
Overhead Income		1,321,076.83	878,979.00
Staff Contribution		608,113.00	651,203.00
Bank Interest		32,247.80	66,082.86
Other Incomes		26,340.25	114,925.11
Membership Fee		-	20,000.00
Gain on Sale of Motorbike		-	13,285.82
HPI Nepal Grant		-	100,000.00
Total Income (a)		22,840,388.64	21,502,187.61
Expenditure			
Sustainable Equine Welfare Project	6	14,703,286.76	15,780,671.82
AHTCS Core Account	7	7,099,646.12	5,590,030.35
Depreciation During Period		601,510.09	650,860.14
Total Expenditure (b)		22,404,442.97	22,021,562.31
Surplus (Deficit) During the year		435,945.67	(519,374.70)
Transfer From Specific Fund		-	-
Prior Period Expenses		3,300.00	29,238.82
Surplus (Deficit) During the Year Transfer to Balance Sheet		432,645.67	(548,613.52)

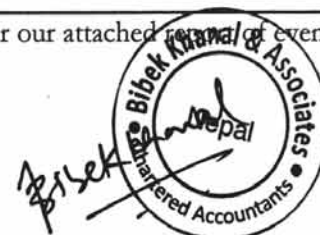
The Notes referred to above form an integral part of Statement of Income and Expenditure
 For and on behalf of Animal Health Training & Consultancy Service (AHTCS)

As per our attached ~~return~~ of even date

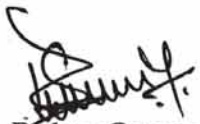

Mr. Shiba Kumar Pradhan
 President





Mr. Lila Bahadur Gurung
 Member Secretary



CA. Bibek Khanal
 Bibek Khanal & Associates
 Chartered Accountants


Ms. Bishnu Gurung
 Admin/Finance Officer


Dr. Bidur Pakhrin
 Executive Director


Mr. Magan Lal Shrestha
 Treasurer

Financial Overview [2020/21]

Animal Health Training & Consultancy Service (AHTCS)


Pokhara - 10, Ramghat

Fund Accountability Statement

For the period from 1st Shrawan 2077 to 31st Ashad 2078

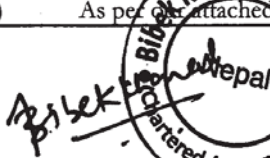
S N	Particulars	WEWP	CDP	AHTCS Core Account	Total
A	Opening Fund Balance				
1	Bank	4,594,105.00	20,055.00	7,809,255.22	12,423,415.22
3	Advance and Receivables	64,747.00	-	242,413.37	307,160.37
4	Inventories	-	-	17,397,889.96	17,397,889.96
5	Less: Payable	(101,426.29)	-	(477,691.84)	(579,118.13)
	Total	4,557,425.71	20,055.00	24,971,866.71	29,549,347.42
B	Fund Received				
1	Grant Received	10,308,943.33	-	-	10,308,943.33
2	Training Income	-	-	6,149,324.00	6,149,324.00
3	Interest Income	-	-	32,247.80	32,247.80
4	Overhead Income	-	-	1,321,076.83	1,321,076.83
5	Staff Contribution	-	-	608,113.00	608,113.00
6	Other Income	2.02	-	26,340.25	26,342.27
	Total	10,308,945.35	-	8,137,101.88	18,446,047.23
C	Fund Expensed				
1	Program Expenses	3,500,055.00	-	3,915,805.00	7,415,860.00
2	Human Resource Expenses	8,814,870.00	-	2,099,372.37	10,914,242.37
3	Travel Expenses	596,453.76	-	75,804.00	672,257.76
4	Office & Administrative Cost	1,787,708.00	-	1,008,664.75	2,796,372.75
5	Prior Period Expenses	4,200.00	-	3,300.00	7,500.00
6	Depreciation	-	-	601,510.09	601,510.09
7	Depreciation & Disposal of Donated Assets	-	-	617,435.57	617,435.57
	Total	14,703,286.76	-	8,321,891.78	23,025,178.54
D	Closing Fund Balance (A+B-C)	163,084.30	20,055.00	24,787,076.81	24,970,216.11
	Represented By:				
1	Bank	213,202.00	20,055.00	7,562,138.48	7,795,395.48
2	Cash	-	-	-	-
3	Advance and Receivables	54,083.00	-	1,107,533.73	1,161,616.73
4	Inventories (Expendable & Nonexpendable)	-	-	16,241,758.62	16,241,758.62
5	Less: Payable	(104,200.70)	-	(124,354.02)	(228,554.72)
	Total	163,084.30	20,055.00	24,787,076.81	24,970,216.11

For and on behalf of Animal Health Training & Consultancy Service (AHTCS) As per attached report of even date



Mr. Shiba Kumar Pradhan
President





Mr. Lila Bahadur Gurung
Member Secretary


CA. Bibek Khanal
Bibek Khanal & Associates
Chartered Accountants

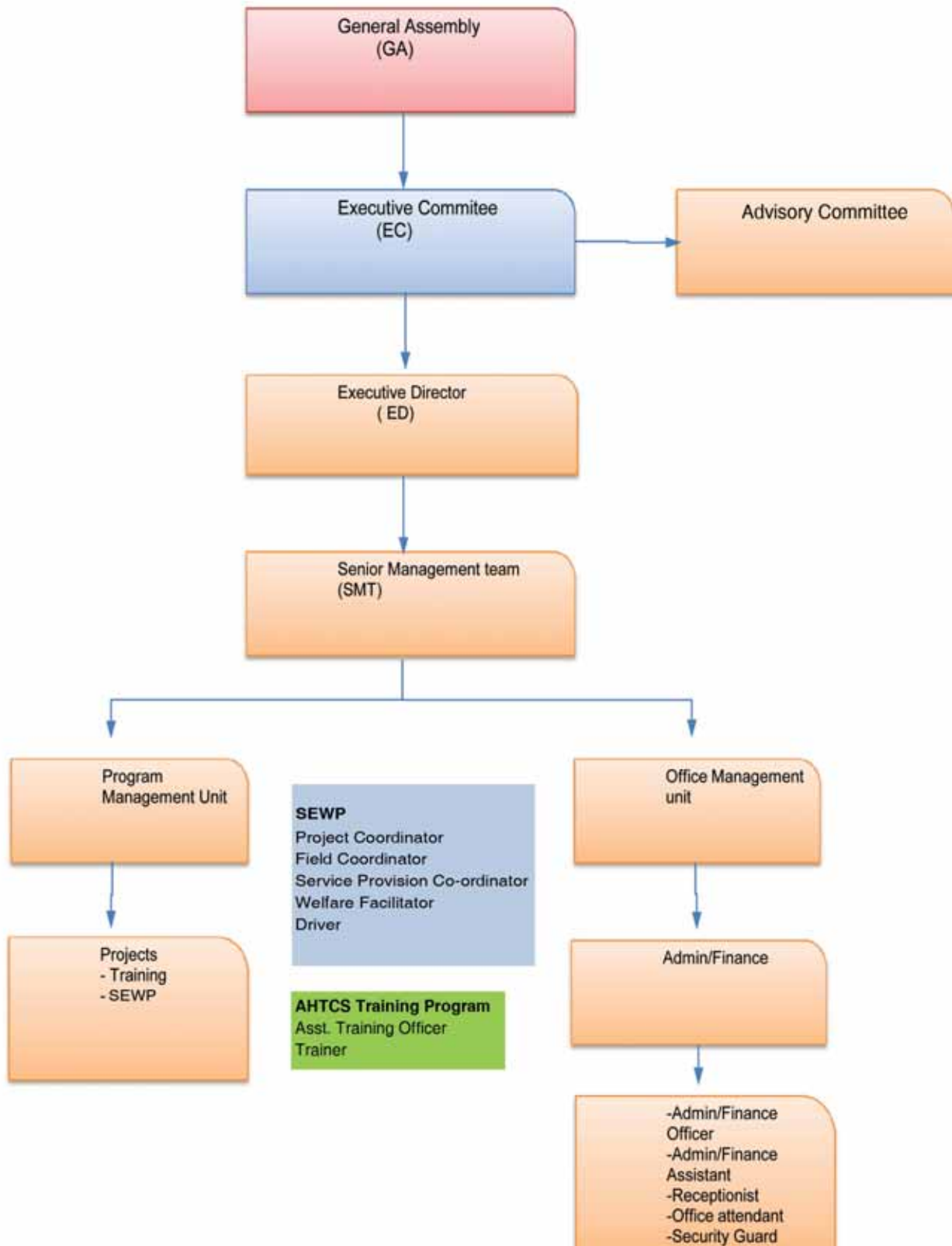

Ms. Bishnu Gurung
Admin/Finance Officer


Dr. Bidur Pakhrin
Executive Director


Mr. Magan Lal Shrestha
Treasurer

ANIMAL HEALTH TRAINING AND CONSULTANCY SERVICE (AHTCS)

Organizational Structure



Some Glimpse



Monitoring Women Group Meeting by Chief of Livestock Service Center, Gulariya



Grass Seed Distribution (Dang)



Exposure Visit of best practices to Equine Owners in the Brick Kiln (Banke)



Income Generation Training to Equine Owner Women



Inaugurating 35 days VAHW Training



Three days Basic Income Generation Training to Women



Government AHPs Refresher Training



Preparation of Mineral Block by VAHW

Some Glimpse



Begining Season Evaluation in Brick Kiln (Banke)



Emergency Treatment in Bardiya Brick Kiln



EWG Meeting at Maigau (Banke)



Welfare Assessment (Dang)



EWG Meeting at Hirminiya (Banke)



Emergency Treatment Support at Kangihouse (Banke)



Emergency Treatment in Brick Klin (Bardiya)



Equine Health Check-up

Some Glimpse



Clinical examination of equine by Field Co-ordinator



EWG Meeting (Dang)



Issue based Welfare Session MP School (Banke)



Issue based Welfare Session at Banke



Oral Administration of Medicine by Trainee



Interaction Program with Livestock Service Section, Bhaktapur Municipality



Interaction Program on Animal Welfare with Government Stakeholder (Banke)



Titanus Vaccination (Dang)

Some Glimpse



One Day Training to Equine Owners on Wound Management, Hoof and Eye Care



One Day Training to Community Leaders on Better Equine Husbandry and Preventive Medicines



One day Advocacy Workshop with Agro-vet District Associations including Livestock Service Section



Animal welfare sensitization to equine owner children



Monthly Meeting with Women Group Maigau (Banke)



Management of Lameness, Hoof and Eye Care Training at Brick Kiln (Banke)



Issue Based (Bhaktapur)



One day Training to Men and Women Equine Owners on Primary Care and First Aid of needy Equines

Some Glimpse



Wound management by AHTCS vet



Training to Women EWG on Health, Husbandry and Environment of equine



Training to community leaders on humane animal handling to disseminate skill to other equine owners



Nursery bed preparation



Agriculture Training Closing Program



Opening program of 35 days VAHW Training



Veterinary Medicine Kit Box Distribution for VAHW Trainee



Closing group photo of 7 days Basic Agriculture Training (BAT)

Donors and Partners

1. Heifer International Nepal
2. Good Neighbors International
3. Save the Children / USAID
4. Sansthatag Bikas Sanjal
5. FORWARD Nepal, Chitwan
6. SAHAS Nepal
7. Phase Nepal
8. Suaahara Saghan
9. Helvetas Nepal
10. Li Bird
11. Prerana
12. Jana Sahayogi Krishi Sahakari Sastha
13. Jaica Nepal, Barpak-Sulikot
14. Rims Nepal, Dhading
15. Sindhuli Ekikrit Biakas Sewa
16. CCODER Nepal, Kathmandu
17. FOCUS Nepal, Dhading
18. GIZ-STPP
19. GMSU
20. Livestock Service Training Center, Gandaki Province, Kaski
21. Livestock & Fisheries Development Directorate, Gandaki Province, Kaski
22. Veterinary Diagnostic Lab, Gandaki Province, Kaski
23. Veterinary Hospital & Livestock Service Expert Service Center, Gandaki Province, Kaski
24. WWF
25. INF

Abbreviation

AHIP	Animal Health Improvement Program
RDC	Rural Development Centre
SWC	Social Welfare Council
VAHW	Village Animal Health Worker
AHPs	Animal Health Practitioners
EWG	Equine Welfare Group
LHPs	Local Healthcare Service Providers
VD	World Veterinary Day
WAD	World Animal Day
SEBWAT	Standardize Equine based Welfare Assessment Tools
OBM	Owner Behavior Monitoring Tools
ARC	Arva Resource Center
IAM-FT	Improved Animal Management Facilitation Training
CTEVT	Council for Technical Education and Vocational Trainings
NTFP	Non Timber Forest Production
NSAIDS	Non-steroidal Anti-inflammatory Drugs
AKC	Agriculture Knowledge Center
BK	Brick Kiln
RM	Rural Municipality

AHTCS Member

Life Member

1. Dr Jeevan Thapa

General Member

1. Shiba Kumar Pradhan
2. Dr. Shiva Hari Ghimire
3. Lila Bahadur Gurung
4. Magan Lal Shrestha
5. Tulasi Jung Dahal
6. Sunita Pradhananga
7. Ram Mani Paudyal
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17. Sumitra Gayak
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19. Keshab Psd Dhungana
20. Sunil Gautam
21. Dr. Grishma Neupane
22. Dr. Rajesh Kumar Chaudhary
23. Padma Kiran Rana
24. Nabin Bhandari
25. Dr. Yagya Raj Pandeya

Staff Members



Dr. Bidur Pakhrin
Executive Director



Bhesh Raj Bastola
Project Coordinator



Dr. Umesh Sharma
Brick Kiln Coordinator



Dr. Avinav GC
Service Provision
Coordinator



Bishnu Gurung
Admin and Finance
Officer



Ranju Paudel
Admin & Finance
Assistant



Bharat Pokharel
Asst. Training Officer



Raman Kumar Mishra
Senior Welfare Facilitator



Mukesh Chaudhary
Welfare Facilitator



Mangal Bdr. Tharu
Welfare Facilitator



Lal Bahadur Chaudhary
Welfare Facilitator



Purna Chaudhary
Welfare Facilitator



Padam Gunung
Receptionist



Jeewan Khatri
Driver



Bijay Khatri
Office Attendant



Krishna Psd Baral
Security Guard, Arva
Resource Center

Executive Committee



Shiba Kumar Pradhan
Chairperson



Dr. Shiva Hari Ghimire
Vice Chairperson



Lila Bahadur Gurung
Member Secretary



Magan Lal Shrestha
Treasurer



Tulasi Jung Dahal
Member



Sunita Pradhananga
Member



Ram Mani Paudyal
Member
(Immediate Past Chairman)





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