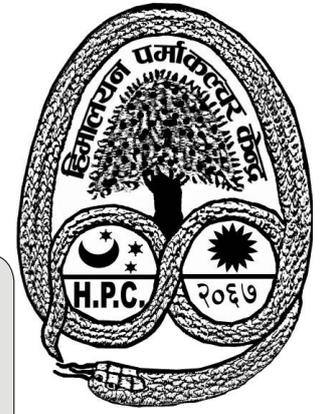


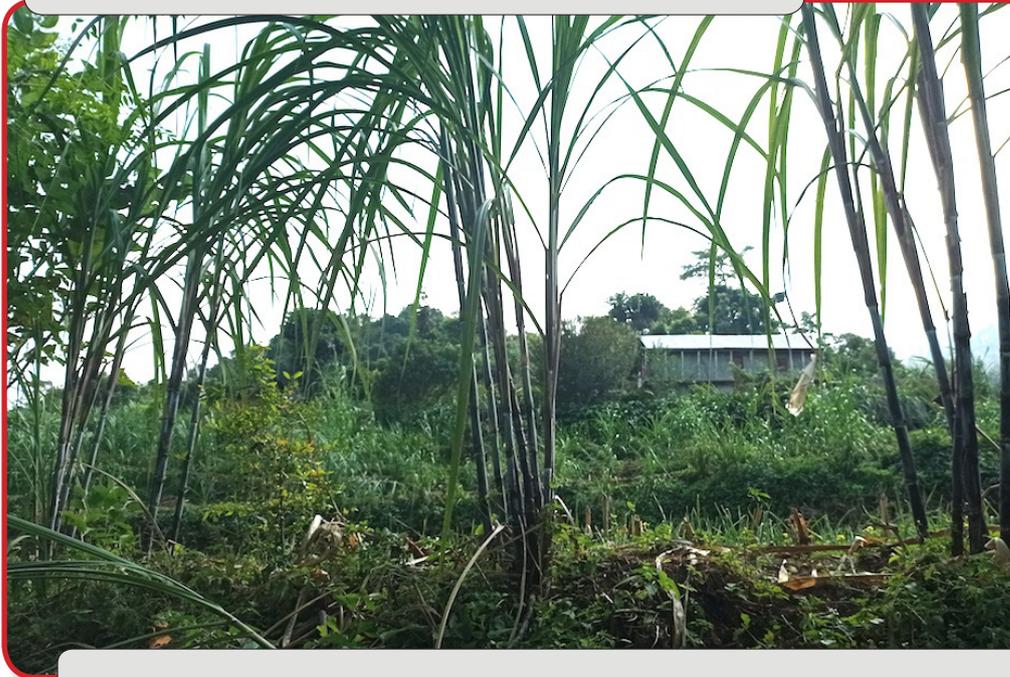
Himalayan Permaculture Centre
 Report December 2020 - May 2021
 Photo Gallery – Surkhet



Left - Mrs Anju Oli of Himal group in Ghatutul village with her Kiwi plants. Kiwi is showing signs of doing well in the local climate and is a good source of Vitamin C as well as a potential cash-crop.



Right - seedlings of Soapnut (*Sapindus mukorossi*) a large tree producing fruit used for making soap, both traditionally used and in processing for sale both nationally and internationally. It is indigenous to this area.



Above - sugar cane amongst mixed agro-forestry on terrace edges in Mavidanda village (Janachetana group).
 Right - Mrs Dammar Kali Gurung of Janachetana group with a Junard she has just air-layered. Air-layering is a way of cloning good fruit trees to make seedlings that will produce as good as the parent, and quickly.



Left - the farm of Mrs Kharisma Khatri of Janachetana group in Mavidanda with her plot of broad-leaf mustard kept for seed-saving. In the past 6 months over 30kg of this seed has been produced and nearly 5kg in Humla, out of a total of 129kg of vegetable seed produced.

Right - residents of Pakhe village, a new group joining HPC in Surkhet, at completion of a mobile farmers' training where a barefoot consultant travels to the village to provide an *in situ* 3 day farmers' introductory training. The trainer here is Chetendra Gurung (far right) of Shanti group.



Left - newly constructed livestock stall-feeding unit in Khalikarka village (Haryali group). As more farmers turn to stall feeding to protect land from free-range grazing and allowing soil and forest regeneration, these are important to keep fodder off the floor and thus cleaner, preventing disease in livestock.

Right - Participants from several village groups end a 5-day integrated farmers training at HPC's new resource centre at Tadhiket, lying between Gurung Gaun and Mavidanda villages.



Right - participants at a mobile farmers' training in Pakhe village learn about integrating a leaf pots nursery on the side of a sweepings pit. The "pit" (actually bamboo woven into a cage) is used as a bin for composting dirt and bio-waste from sweeping the house and courtyard. The leaf pots are a way of growing seedlings for planting out in the vegetable gardens.



Left - villagers from Hariyali group in Khalikhar-ka village learn to make liquid manure from local resources. Depending on what plants are used, the liquid can also be used as a pest repellent.
Below - Hariyali group participants complete a livestock health training course, where they learn about topics such as growing more fodder, how to diagnose livestock, and treat using local herbs.

Below - villagers from Pakhapani village (Jana-jyoti group) digging a pipeline for an irrigation pipe to their fields.





Left - Hariyali group members complete a mobile farmers training in their village

Right - irrigation pipe provided to Hariyali group for their crops. Villagers provide portorage of all equipment as well as labour to construct the systems.
 Below - a plastic-lined pond made to gravity-collect water from local springs, which fills the pond overnight and then feeds the irrigation system via syphon pipes in the day-time. This pond is 6 cubic metres (6000L).



Right - Women from Gurung Gaun (Pragatshil group) complete a 3-day mobile women's health training in their village.



Right and below - women from Salkharkha-Bhalim (Shanti group) complete their mobile Women's Health training. Co-ordinated by the Women's Health Network, this training introduces concepts of preventative health through improved hygiene and nutrition, pre- and post-natal child-care, as well as using local herbs for treatment, and advocacy about women's rights.



Below - members from Jagaran group in Sano Khaltakura at the start of their 3-day mobile women's health training



Left - teachers and students from Laligurans Primary school of Mavidanda village weeding and mulching fruit trees planted in their school grounds. HPC is providing vocational training to schools as well as supporting infrastructure such as drinking water and seedlings.



Left - HPC builds a special extension on the south side of its new resource centre for solar drying of produce. It is using transparent perspex corrugated sheeting in the roof to allow direct sunlight into a room where drying racks will be stacked.

Right - local farmers learn blacksmithing skills on a training at the Surkhet Resource Centre. Blacksmiths then are able to make and maintain farm tools cheaply and locally, providing an important service for their communities, as well as earning income.



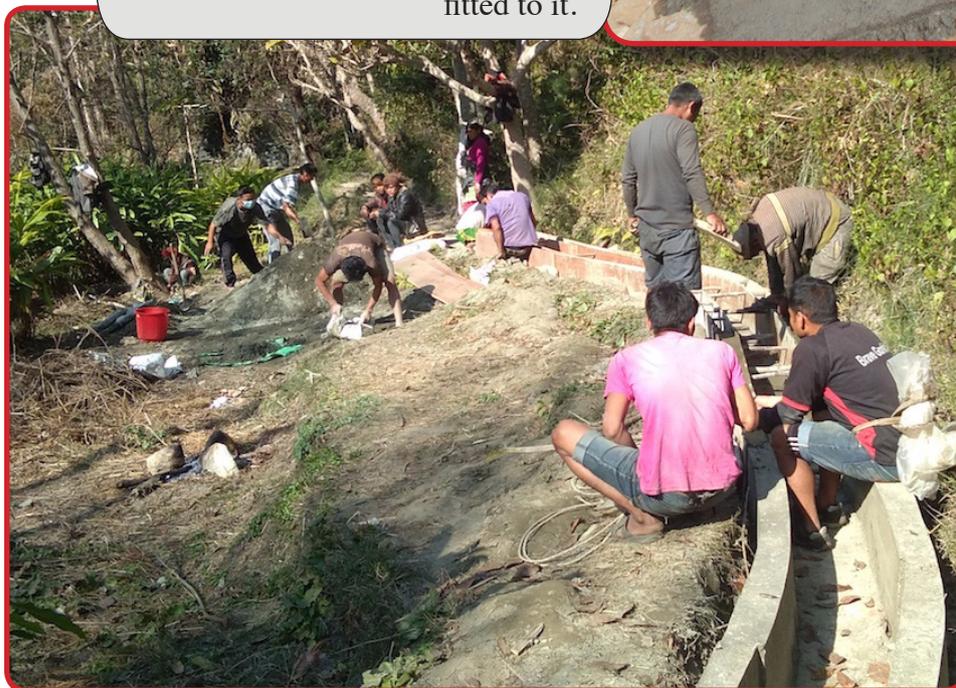
Left - at the Tadhikhet Resource Centre, participants from several village groups learn about making stools from bamboo and recycled materials, for income generation and home use.

Right - villagers from Jagaran group (Sano Khaltakura village) transport irrigation pipe and a hand-operated sugar cane juice-mill after being provided them by HPC.



Right - Dipendra Budha (wearing yellow T-shirt) constructing a biogas system on his farm in Bhalim village (Shanti group). HPC is subsidising some of the materials for this.

Below - villagers from Janajyoti group in Pakhapani village collaborate to build a cement-lined canal leading to its community hydro mill. The mill was built with assistance from HPC, and it has had a cloth ce-cycling mill fitted to it.



Below - farmers learn how to make a hand-held millet thresher with the trainer Mr Rage B.K, HPC technician from Humla, where they are used traditionally



Above - the millet thresher, called a "Gabbri" in use in Humla. Every family will have at least 2 as threshing is something every household needs to do.



Left - HPC CEO Bhuvan Khadka providing a "Natural Systems Observation" class to 6 participants from "Nepalko Sathi" a farmers-NGO from upland Sankhuwasabha district in Eastern Nepal. This is part of a 5-day farmers' training the participants attended, as well as visiting villages in HPC's program area.

Right - Participants on a village-to-village, farmer-to-farmer exchange visit view seed production Kiwi planting and agroforestry on the farm of Mrs Kharisma Khatri of Janachetana group in Mavidanda village.



Left - participants at HPC's annual Surkhet Agricultural festival participate in a grafting competition. Groups hosted stalls of produce from their farms as well as handicrafts, and villages performed local songs and dance as well as competing in volleyball and other sports.