

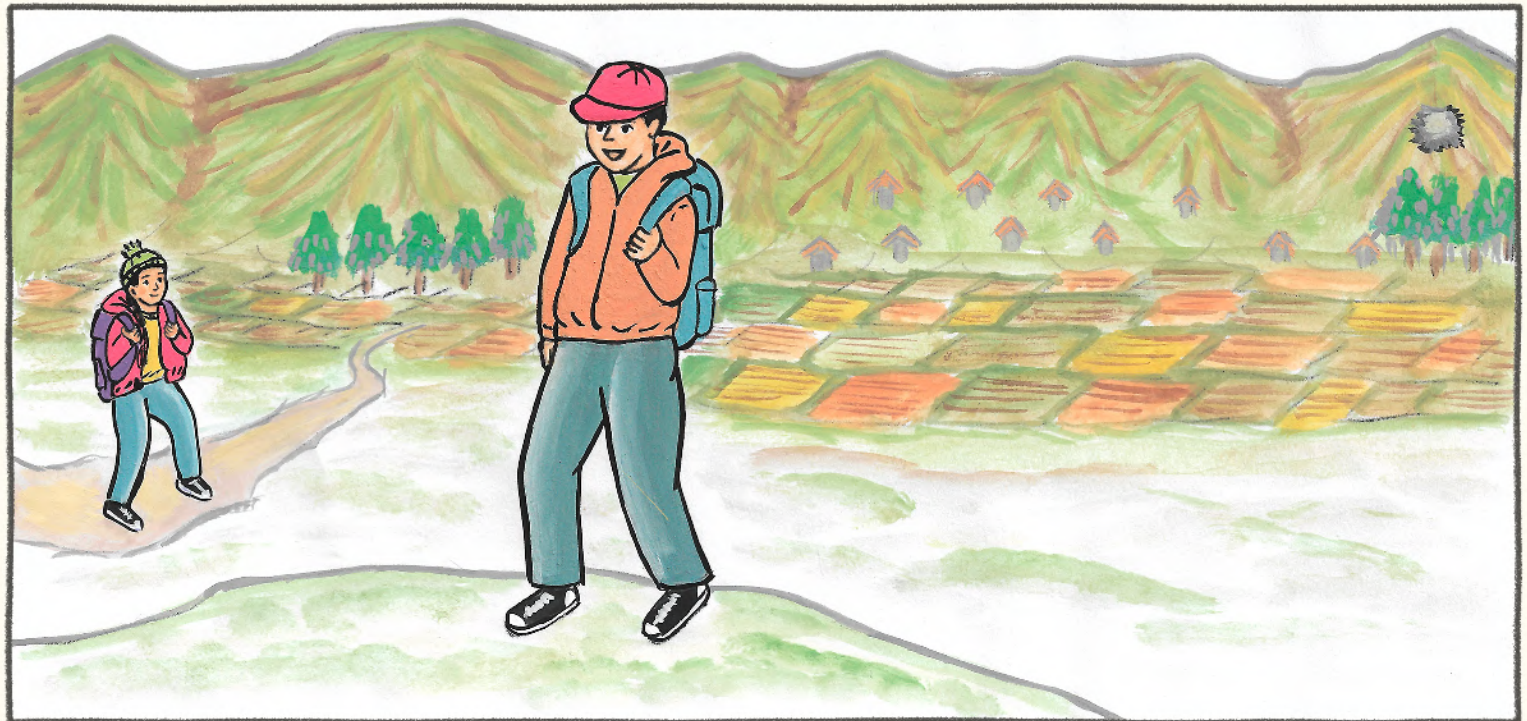
Redes de
Agricultores
Investigadores que
Conocen
Experimentan y
Socializan

ROOTS, networks of
farmer researchers
that know,
experiment and
share

**Farmer-centered research for agroecology:
Transforming research, reimagining food systems**

CCRP Online Gathering
October 25 th - 27 th 2021

THIS IS THE STORY OF EVELYN AND JOSÉ, WHO LIVE IN A HIGH ANDEAN COMMUNITY. THEY GO TOGETHER TO AN AGRICULTURAL INSTITUTE.





A colorful illustration of two hikers, José and Evelyn, walking along a dirt path in a mountainous region. José, on the left, wears a red cap, an orange jacket, and grey pants. Evelyn, on the right, wears a green beanie, a pink jacket, and blue pants. They are both carrying backpacks. The background features large, green mountains with patches of snow and a path leading into the distance. The ground is covered with small white flowers and green grass.

ALL THE INFORMATION
IS AVAILABLE ON THE
INTERNET! BUT THERE IS ALSO
INFORMATION THAT IS NOT
RELIABLE.

AND NOT EVERYTHING
WILL WORK FOR OUR
REALITIES. WE WOULD HAVE
TO TEST AND ADAPT
TECHNOLOGIES BEFORE
USING THEM.

VERY EXCITED, JOSÉ AND EVELYN WENT HOME TO SHARE WITH THEIR
FAMILIES THE IDEA OF DOING SOME WORK TOGETHER FOR THE INSTITUTE.
THEY KNEW THEIR FAMILIES WOULD ENRICH THEIR IDEAS.

WHAT DO
WE KNOW?

WHAT DO WE
STILL NEED TO
KNOW?

WHAT MUST WE DO
TO KNOW IT?

AFTER SAYING GOODBYE TO EVELYN, JOSÉ IS TALKING WITH ROSA, HIS MOTHER, ABOUT THE RESEARCH WORK THEY WILL PROPOSE TO THE INSTITUTE.



MEANWHILE, THAT SAME NIGHT EVELYN ALSO TALKS WITH GREGORIO, HER FATHER, AND DOÑA FORTUNATA, HER GRANDMOTHER, ABOUT THE IDEA OF THE PROJECT FOR THE INSTITUTE.

FATHER: JOSÉ AND I ARE GOING TO INVESTIGATE TOGETHER HOW TO IMPROVE OUR CROP PRODUCTION AND INCREASE OUR SALES.

VERY WELL, MY DAUGHTER! WE MUST ALL TAKE PART.

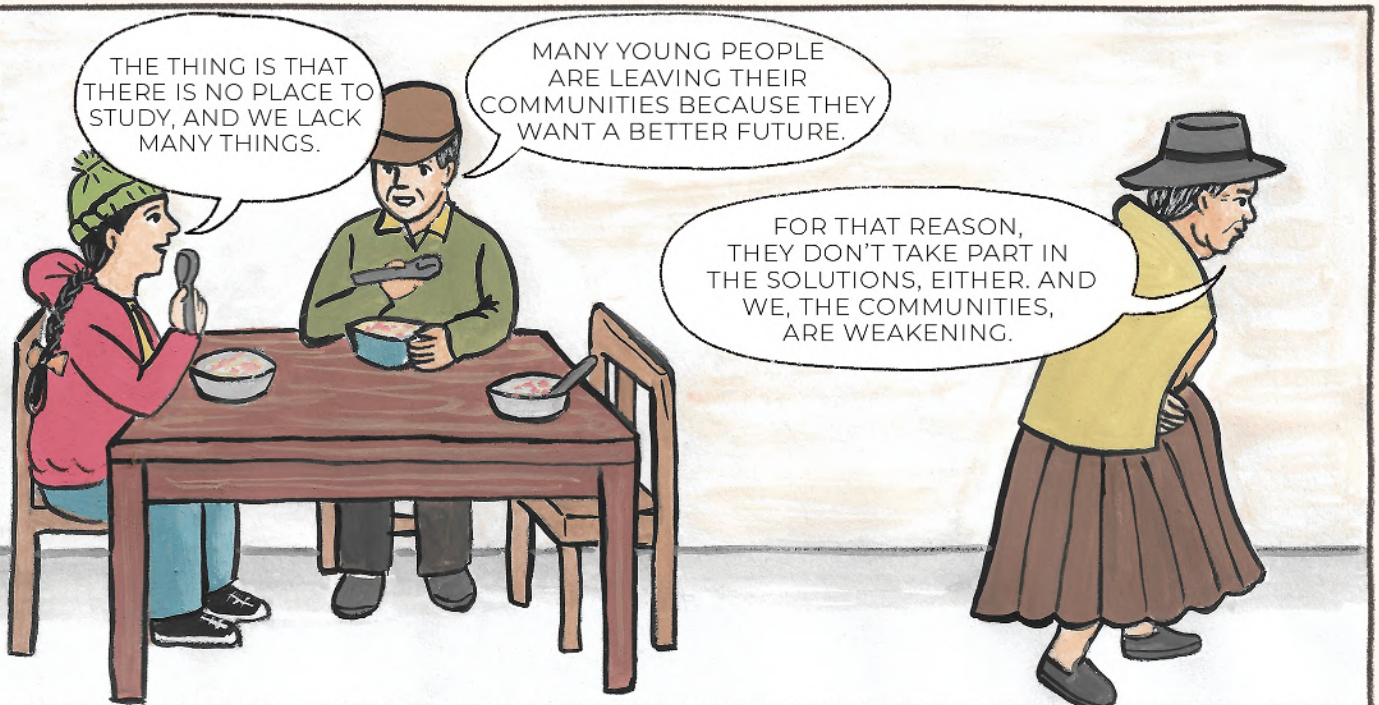
THEN THEY WON'T LEAVE OUR COMMUNITY.



THE THING IS THAT THERE IS NO PLACE TO STUDY, AND WE LACK MANY THINGS.

MANY YOUNG PEOPLE ARE LEAVING THEIR COMMUNITIES BECAUSE THEY WANT A BETTER FUTURE.

FOR THAT REASON, THEY DON'T TAKE PART IN THE SOLUTIONS, EITHER. AND WE, THE COMMUNITIES, ARE WEAKENING.



YOUNG PEOPLE FEEL EXCITED ABOUT WHAT IS HAPPENING OUTSIDE THE COMMUNITY.

AND WE CAN BE HERE AND THERE.

BUT TODAY WE ARE BETTER CONNECTED THAN EVER BEFORE.



THE IDEAS THEY GOT IN THEIR HOMES WERE SO INTERESTING THAT EVELYN AND JOSÉ DECIDED TO BRING THE TWO FAMILIES TOGETHER TO IMPROVE THEIR STUDY PROJECT BEFORE SUBMITTING IT TO THE INSTITUTE.

YOU MUST SEARCH FOR NEW SOLUTIONS TO THE PROBLEMS WE HAVE IN THE FIELD, WITHOUT FORGETTING THE KNOWLEDGE OF OUR ANCESTORS.

IT'S POSSIBLE THAT SOME PROBLEMS THAT SEEM NEW TO US, THEY ALREADY KNEW HOW TO SOLVE THEM.



THE ANCIENTS KNEW HOW TO HARVEST WATER, MANAGE IRRIGATION, AND TURN TO THEIR ADVANTAGE TERRACES AT DIFFERENT HEIGHTS

THEIR CORRIDORS WERE CONNECTED..

EVERY SPACE WAS USED TO THE BEST OF ITS ABILITY

VALLEYS AND MOUNTAINS.

SO MUCH WISDOM!



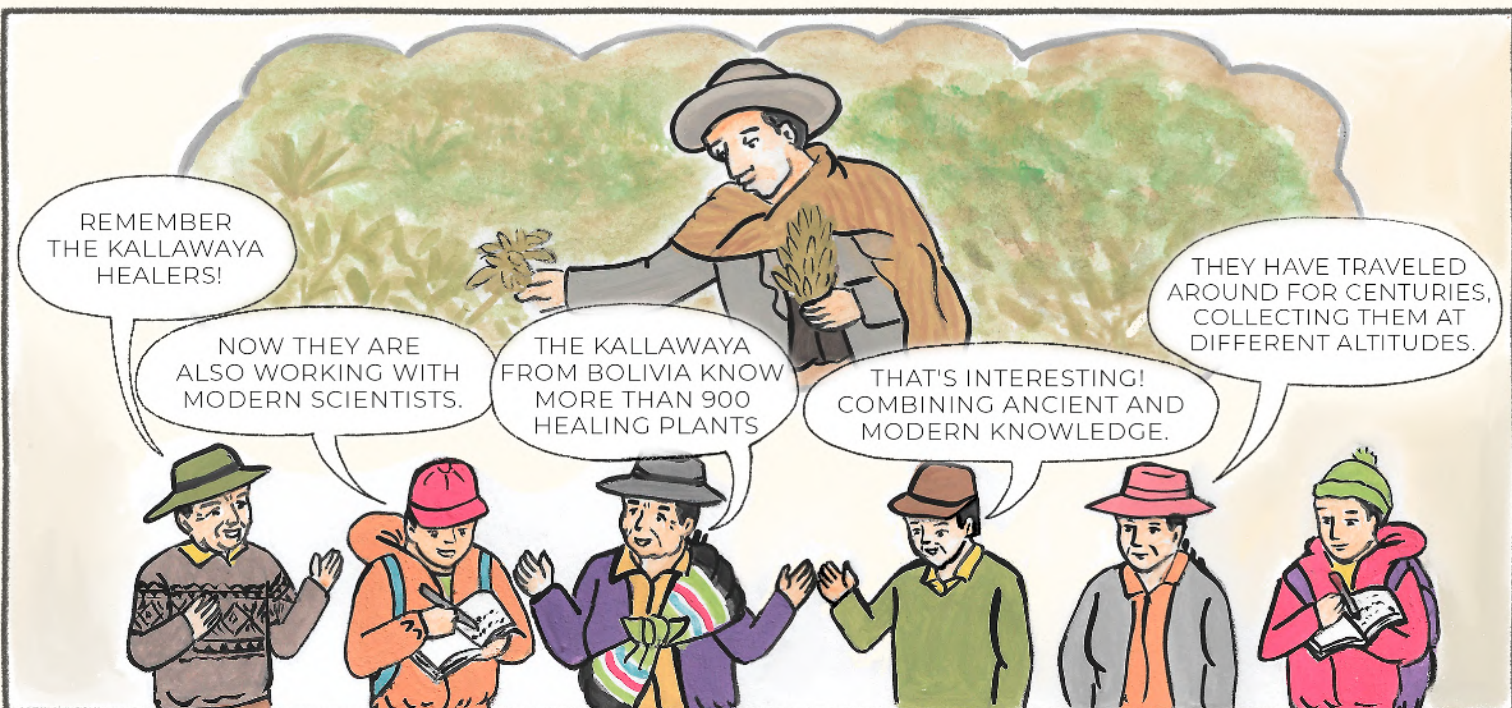
REMEMBER THE KALLAWAYA HEALERS!

NOW THEY ARE ALSO WORKING WITH MODERN SCIENTISTS.

THE KALLAWAYA FROM BOLIVIA KNOW MORE THAN 900 HEALING PLANTS

THAT'S INTERESTING! COMBINING ANCIENT AND MODERN KNOWLEDGE.

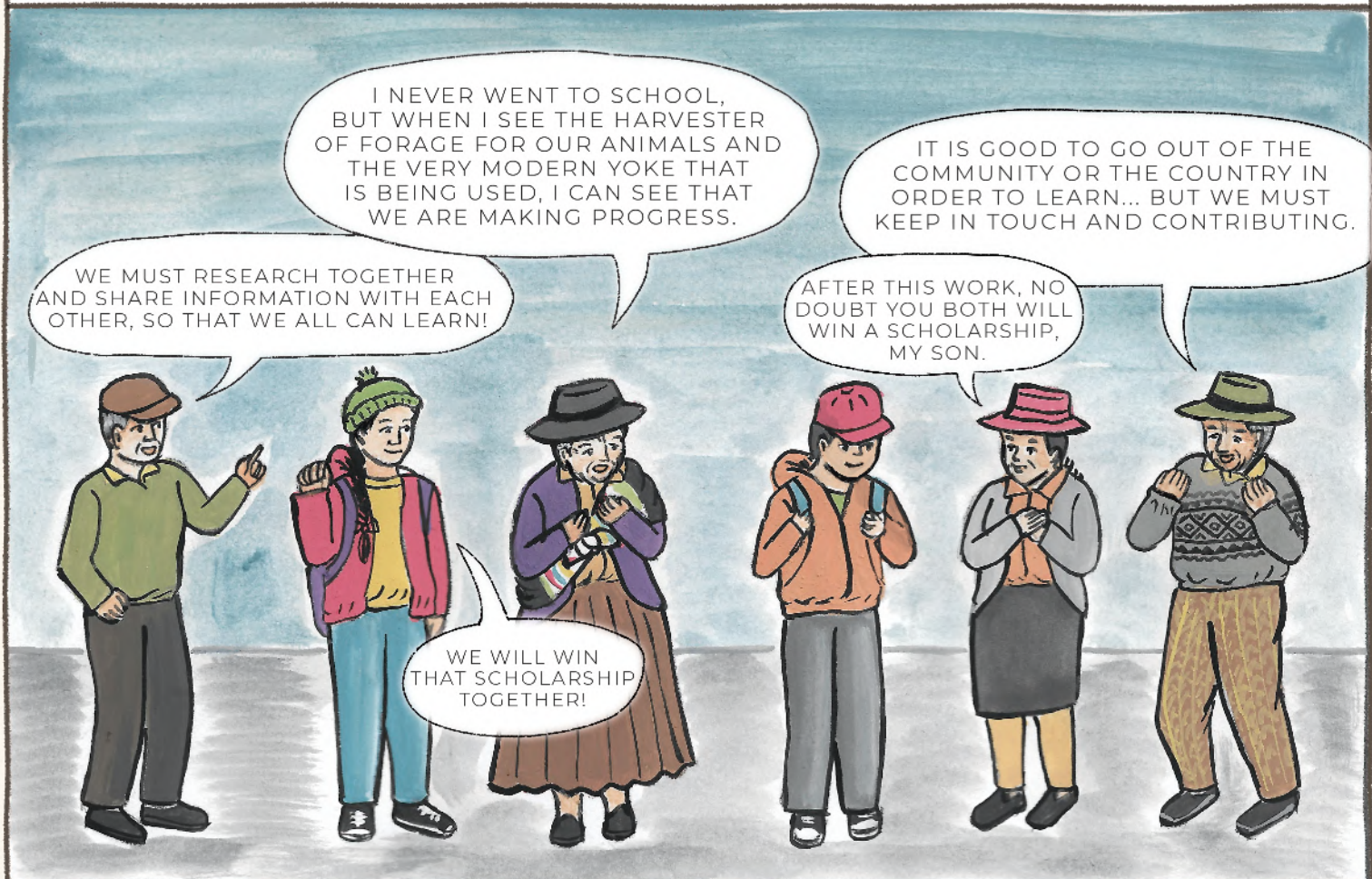
THEY HAVE TRAVELED AROUND FOR CENTURIES, COLLECTING THEM AT DIFFERENT ALTITUDES.



EVELYN AND JOSÉ WORKED ON A RESEARCH PROPOSAL FOR THE YEAR, AND NOW THEY ARE PRESENTING IT TO THE INSTITUTE.



THE YOUNGSTERS NOW MEET WITH THEIR FAMILIES, THIS TIME TO TELL THEM... "THE INSTITUTE APPROVED OUR PROJECT!"



EVELYN AND JOSÉ, EAGER TO TAKE ACTION AND FIND OUT WHAT OTHER COMMUNITIES ARE DOING SUCCESSFULLY, TO SHARE IT WITH THEIR OWN.



A WEEK LATER, THROUGH THE COMMUNITY LEADERS, EVELYN AND JOSÉ ARRANGED FOR A WORKING MEETING WITH PARTICIPANTS FROM OTHER COMMUNITIES, TO PROPOSE THE PARTICIPATORY RESEARCH PROJECT AND ORGANIZE TASKS.



WITH THE GROUPS UP AND RUNNING, A FEW DAYS LATER INFORMATION BEGAN TO ARRIVE, TELLING THE EXPERIENCES OF THE DIFFERENT PLACES.

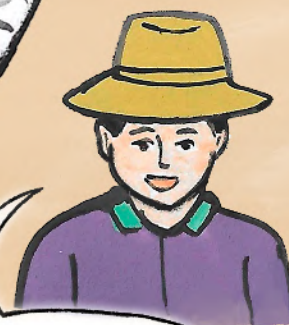


EVELYN AND JOSÉ ARE IN A MEETING WITH PEOPLE FROM THEIR COMMUNITY AND WITH THEIR TEACHERS FROM THE INSTITUTE, TO DISCUSS THE PROGRESS OF THE PARTICIPATORY RESEARCH.



YAPUCHIRIS – PROSUCO PROJECT

CENTRAL ALTIPLANO OF BOLIVIA.



THEY HAVE
ALREADY LOCATED
SUCCESSFUL
EXPERIENCES!

PROJECT ON CLIMATE RISK MANAGEMENT WITH LOCAL KNOWLEDGE. UMSA-U. MISSOURI.

CENTRAL ALTIPLANO OF BOLIVIA.

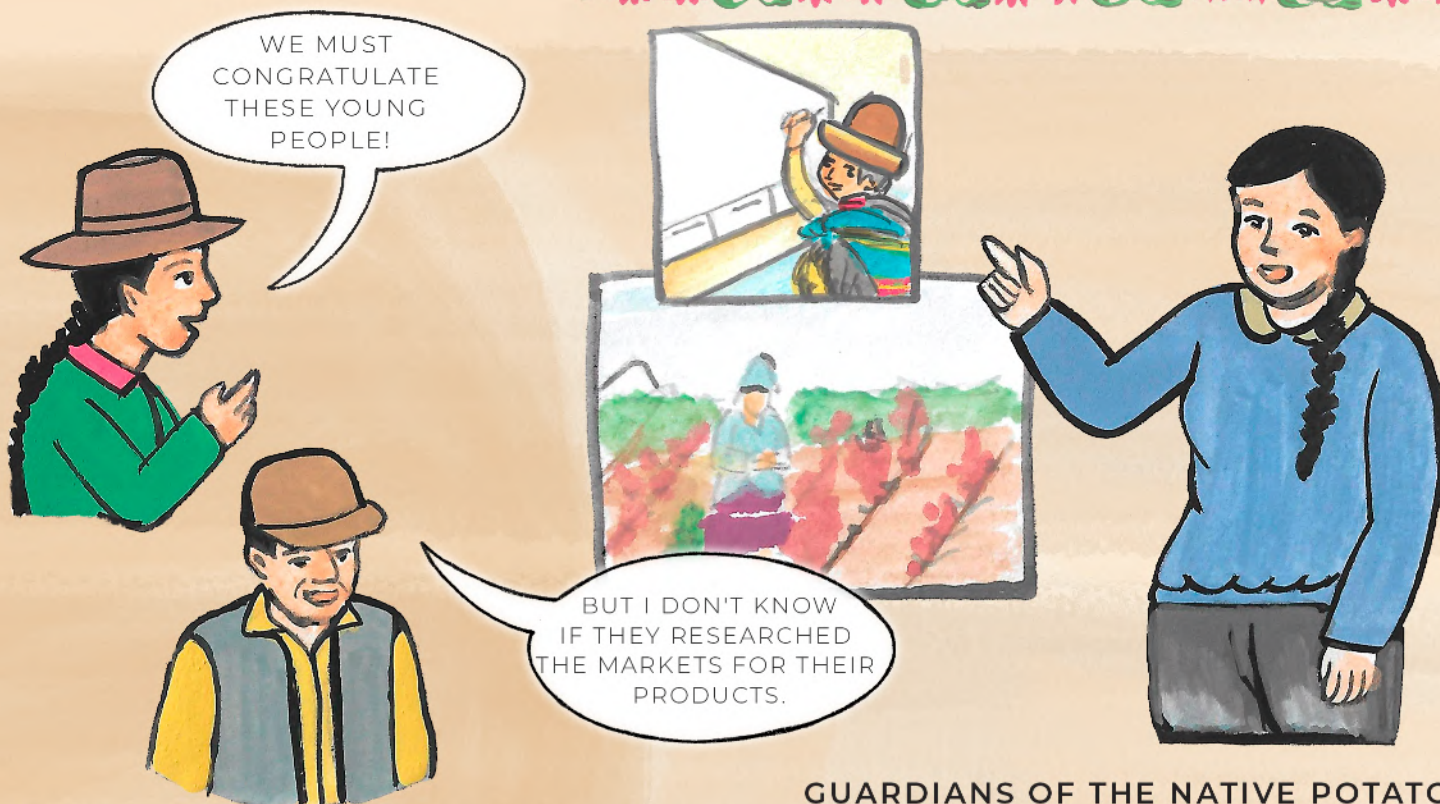


IT'S GOING TO BE
USEFUL BECAUSE THEY
ARE COMMUNITIES
LIKE OURS!



**QUINOA/AGROECOLOGY PROJECT.
PROINPA FOUNDATION IN BOLIVIA.**

COMMUNITIES OF THE CENTRAL ALTIPLANO OF BOLIVIA.



**GUARDIANS OF THE NATIVE POTATO
PROJECT OF AGUAPAN/YANAPAI.**

HIGH ANDEAN COMMUNITIES - PERU.



PAULINO, THE YOUNG MAN WHO REPORTS ON THE YAPUCHIRIS PROJECT, ARRIVED TO A COMMUNITY OF FARMER RESEARCHERS THAT NETWORKS WITH OTHER COMMUNITIES.



YAPUCHIRIS - PROSUCO PROJECT.
COMMUNITIES OF NORTHERN AND CENTRAL ALTIPLANO OF BOLIVIA.

AS FARMER RESEARCHERS THE YAPUCHIRIS FOLLOW A SERIES OF STEPS TO OVERCOME THE CLIMATIC DIFFICULTIES THAT AFFECT THEIR PRODUCTION, ESPECIALLY OF QUINOA.



THE THIRD STEP
IS TO PROVE WITH
YOUR WORK ON THE
PLOT.

WHAT WE HAVE
LEARNED MUST GIVE
US RESULTS IN
PRACTICE.

WE HAVE TO MEASURE,
WEIGH, NOTE, COMPARE, AND
TAKE PICTURES, TO MAKE
THE RESULTS VISIBLE..



THAT'S
THE FOURTH
STEP

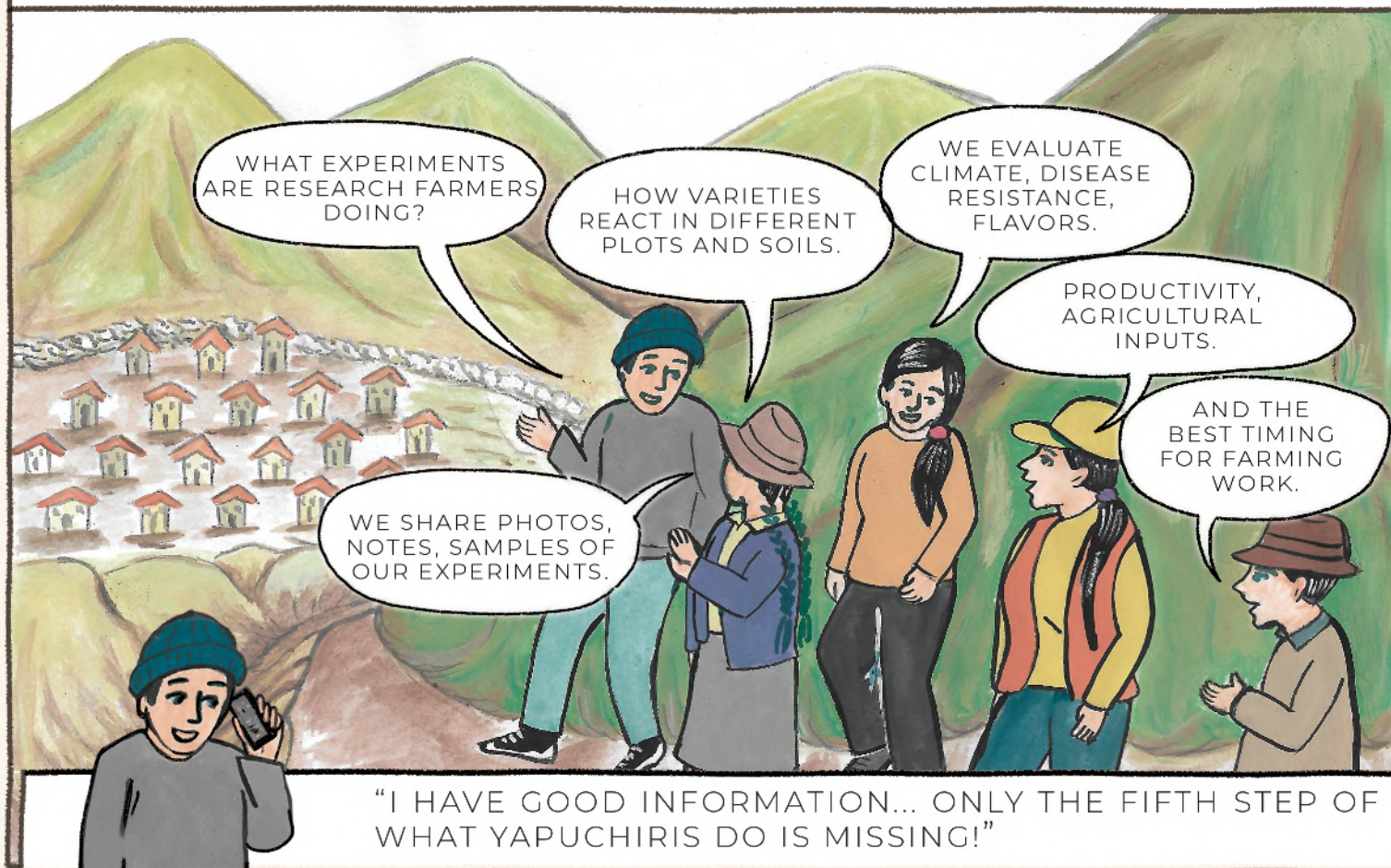
AND WHAT CAN YOU
DO WITH ALL THIS
DATA?

WE EVALUATE IT
WITH THE TECHNICIANS
AND THE COMMUNITY.

AND THIS WAY
WE DRAW BETTER
CONCLUSIONS.

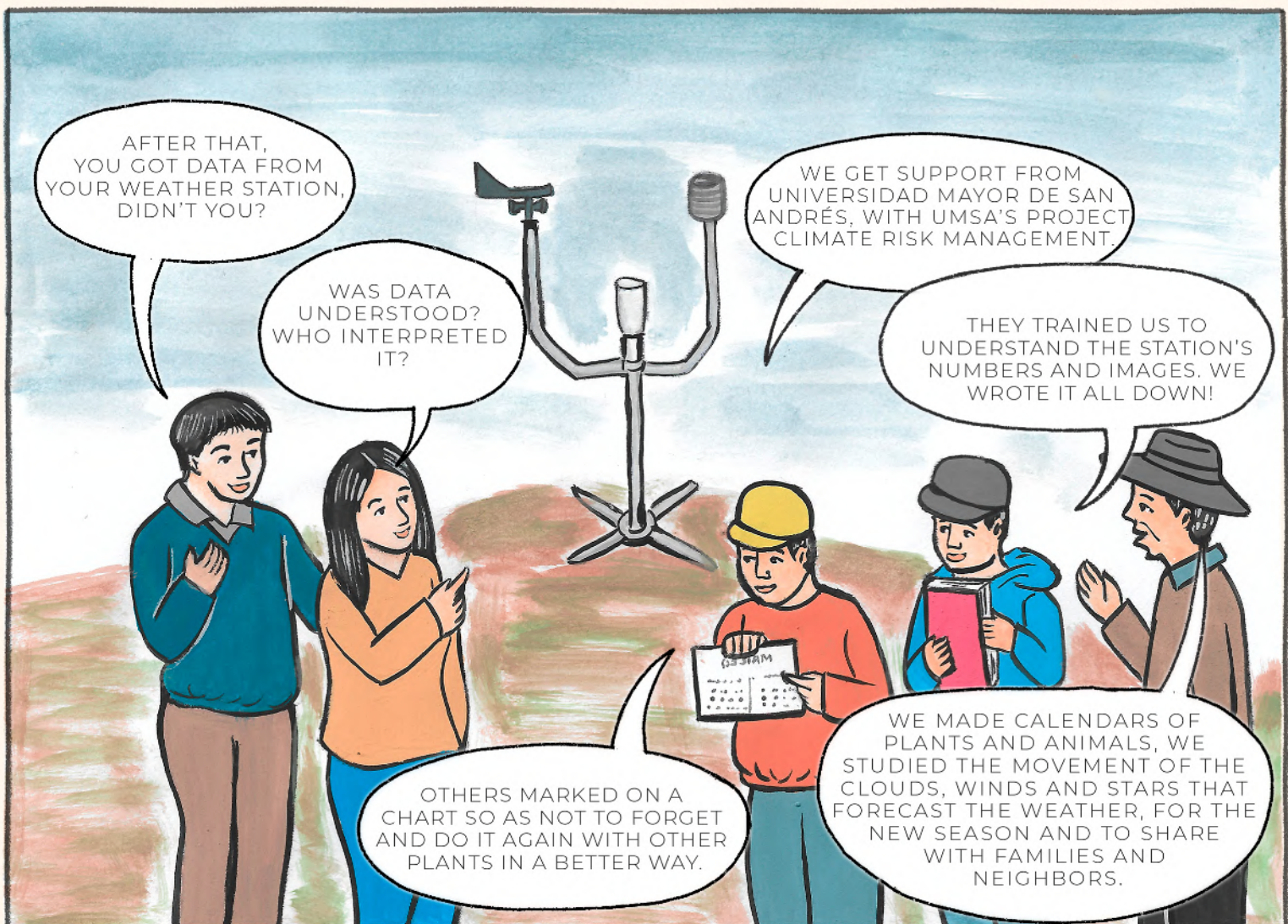
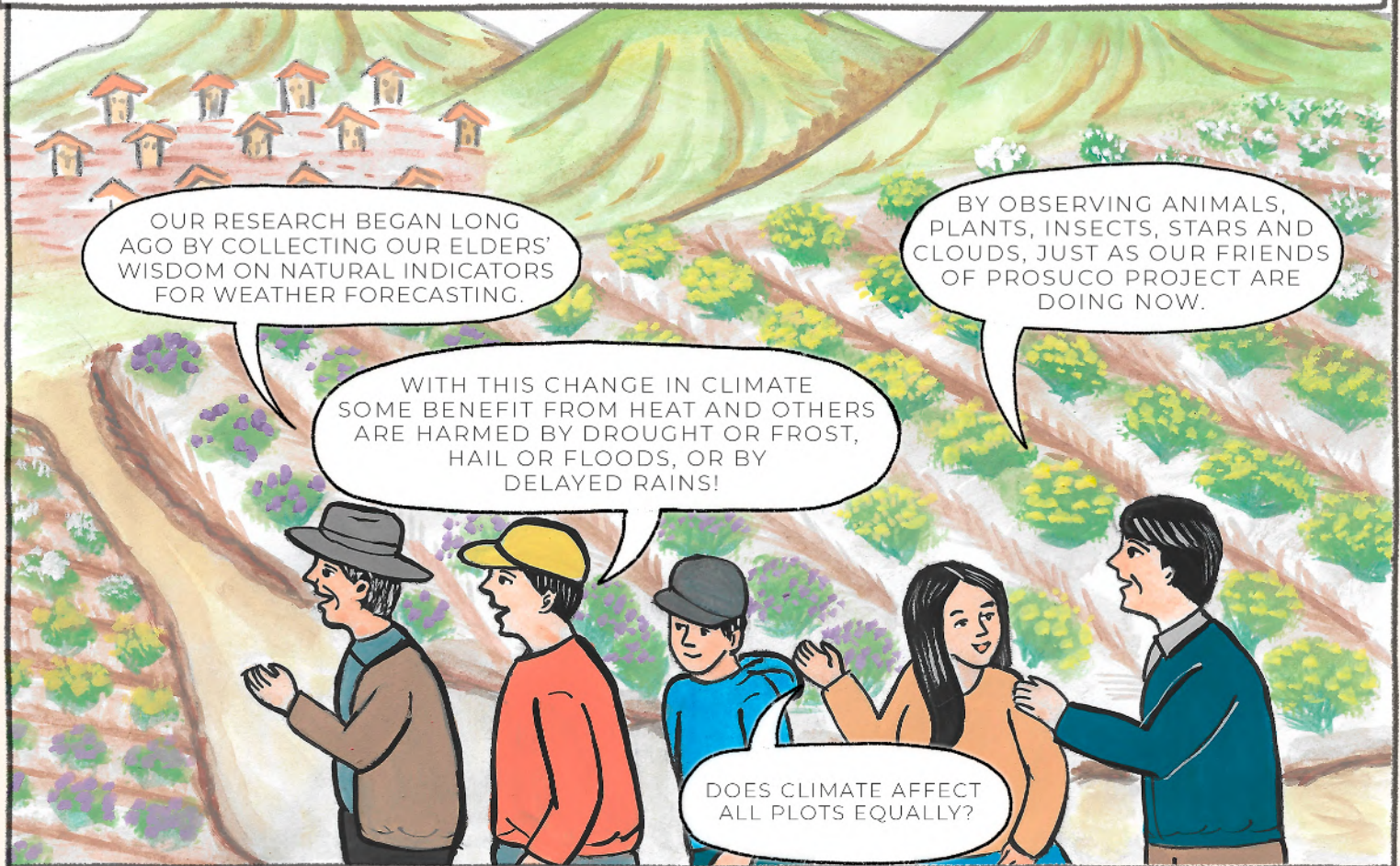


JUST AS WATER CIRCULATES IN THE EARTH AND SPREADS BY CAPILLARITY, THE KNOWLEDGE THAT IS DISSEMINATED IN THE COMMUNITY ALLOWS US ALL TO LEARN.



THOSE WHO HAVE LEARNED TO INVESTIGATE BY EXPERIMENTING, ARE COORDINATING AND ENCOURAGING OTHERS TO BE STRONGER, BUT NOT EVERYONE IS INTERESTED, WE NEED TO KNOW WHAT OTHERS THINK.

CHELITA AND MARIO FROM LOS ANDES DE LA PAZ, CENTRAL ALTIPLANO OF BOLIVIA, REPORTING ON THE EXPERIENCE OF THE PROJECT WITH UMSA.





I HAVE VISITED THE GUARDIANS OF NATIVE POTATO, A PROJECT OF AGUAPAN - YANAPAI GROUP WITH COMMUNITIES IN THE CENTRAL ANDES OF PERU, TO TELL YOU ABOUT THEM.



PRESERVING NATIVE POTATOES REQUIRES KNOWLEDGE, GUARDIANS AND CREATING MARKETS.

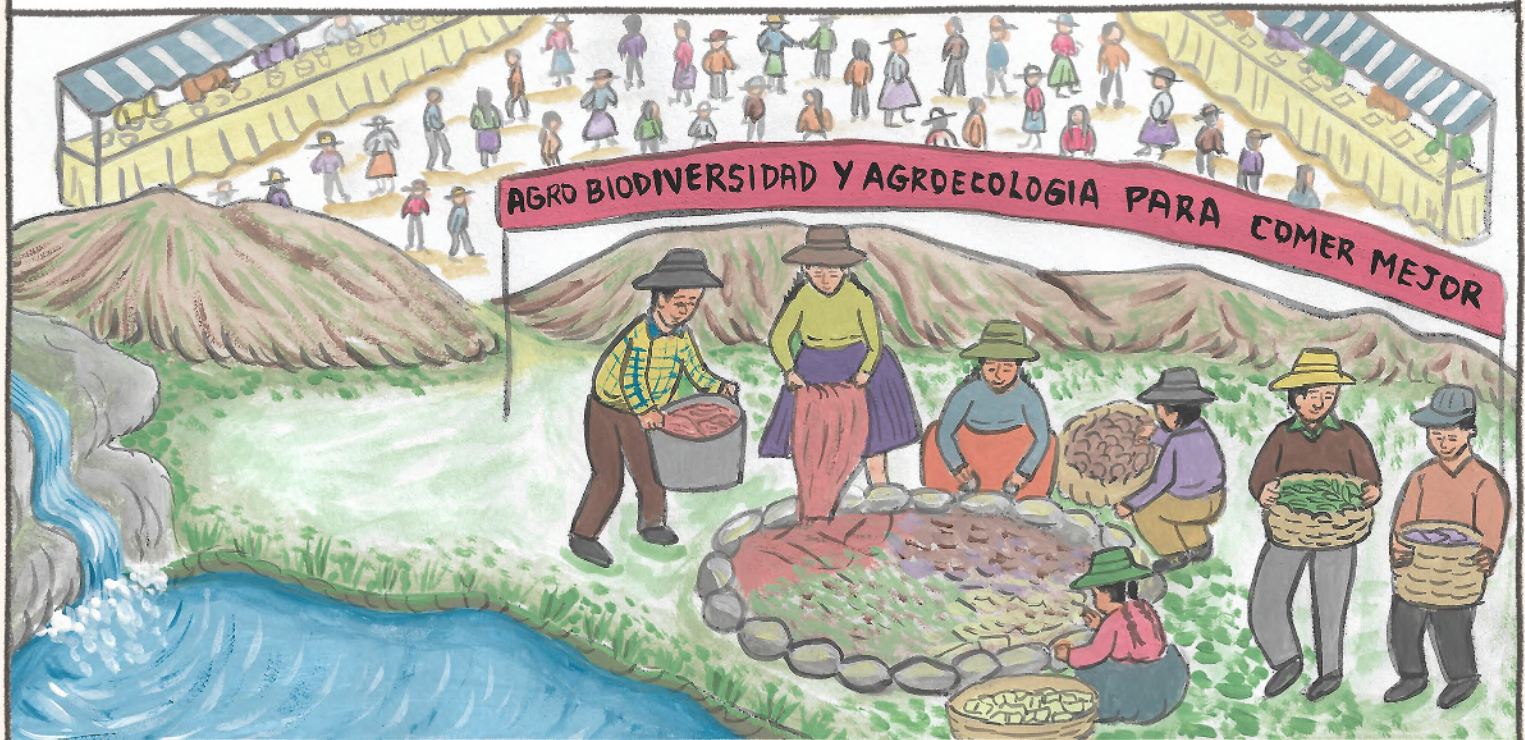
IT IS IMPORTANT TO GET INFORMATION FROM DIFFERENT SOURCES AND ANALYZE IT, TO MAKE BETTER DECISIONS.



THEY SELECTED AND TESTED EACH QUINOA VARIETY ON SEVERAL PLOTS, COMPARING AND DOCUMENTING RESULTS, WORKING WITH PROINPA.

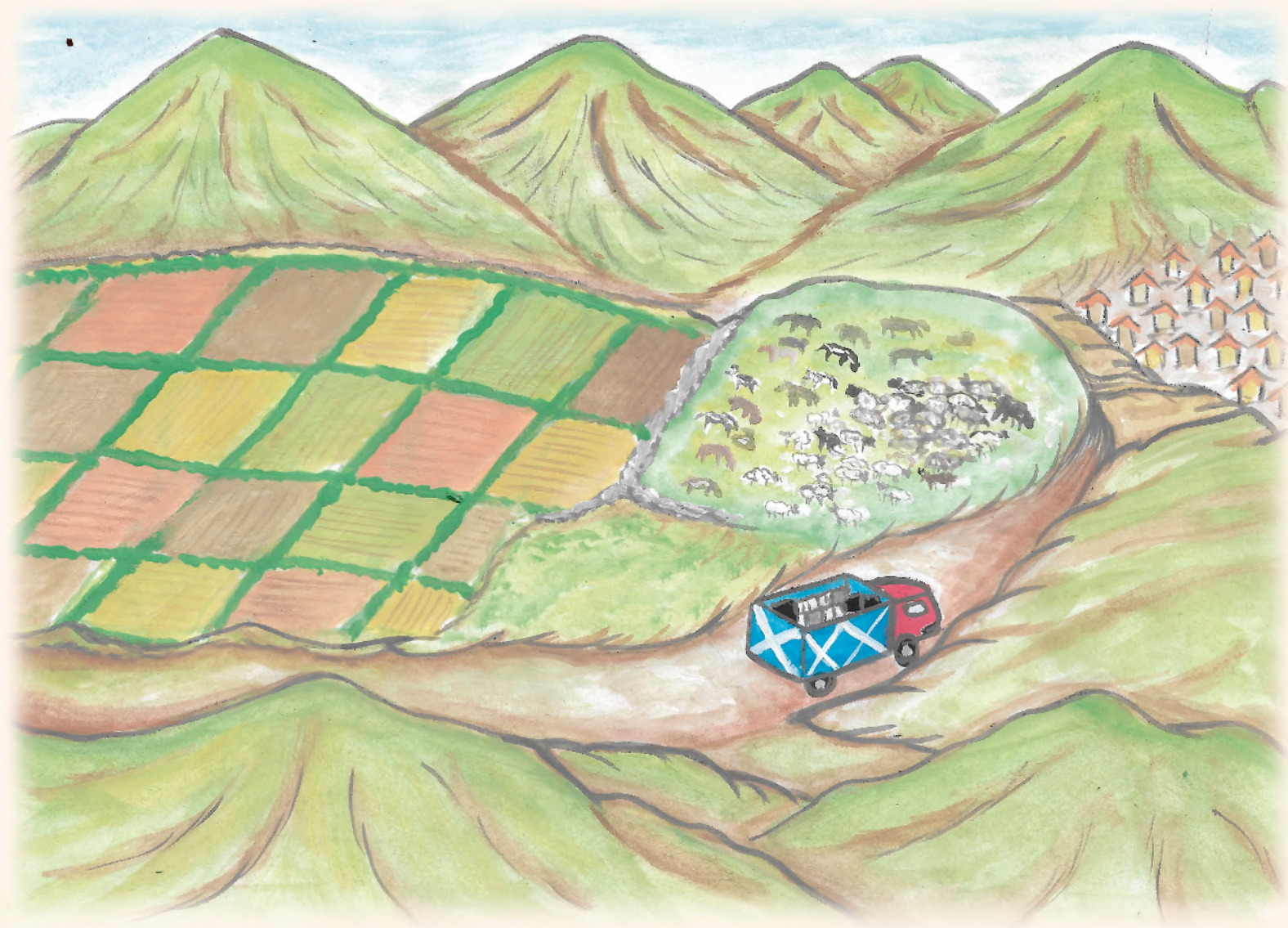


MEANWHILE, NEAR THE CENTER OF THE FAIR...



WE SUPPORT EACH OTHER TO BETTER READ AND UNDERSTAND THE INFORMATION.





McKnight Foundation - Collaborative Crop Research Program (CCRP)
Andes Community of Practice
www.andescdp.org

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COLLABORATIVE CROP RESEARCH PROGRAM

THE MCKNIGHT FOUNDATION

