

ANNEX H

SUSTAINABILITY FGD.1 CRT

3.1 What might be the factors that can promote the sustainable linkages with the beneficiaries of innovations and R&D outputs?

FACTORS THAT CAN PROMOTE THE SUSTAINABLE LINKAGES WITH THE BENEFICIARIES OF INNOVATIONS AND R&D OUTPUTS				
Code	Response	KI	Category	Theme
Attitude	People are ready to share mutual values, so parang ano ba to, and trust. So hopefully they can provide adding value. Para sa akin trust talaga yung pinaka importante	Academe (DLSU)	support and trust from the key players of the innovations and R&D outputs.	Support and trust this refers to the reliance of partners to one another for the innovations and R&D outputs.
Attitude	Fully supported po yung RIIC from the Regional GIAs.	Government (PSTC Pampanga)		
Leadership	IND14A: PCCI is working with coffee processors and end users. Within PCCI there is an expert working with big coffee shops in Indonesia, Singapore, and Malaysia. PCCI is working to ensure that the coffee products of the beneficiaries will be marketed. The number of seedlings distributed does not matter and the area planted, what is important is that the seedlings planted are the true varieties of Liberica to come up with their own brand. “Hindi kailangan ang thousand hectares, kailangan lang ay 100 hanggang 200 ektarya to achieve high quality Liberica coffee followed by processing. Maganda nga ang coffee, hindi naman marunong magroasting, hindi marunong magpakaging, hindi kayo marunong magbrand, then you cannot go elsewhere.	Industry 4A	Leadership and initiative from the administration or project leader	
Awareness	Iba po tong commerce, in fairness with DTI DOST and other government agencies, ang nagiging problema po kasi siguro is lack of access which the STRIDE has provided for most of the MSMEs now. Kami, we only do what is within our reach and with our partnerships with DTI and DOST. Marami po kaming activities na ginagawa with MSMEs along with DA and DOST, so parang with BRIDGE BICOL and USAID STRIDE natulungan po nating magkaaccess yung mga ibang MSMEs na nangangailangan.	Industry (CamSurCCI)	awareness of the activities and programs for innovations and R&D outputs	Grounded mechanisms this refers to the actions that driven based on the needs of the community and industry through awareness raising and collaboration.
Collaboration	It really bridged the gap on the lack of access of these MSMEs so they can avail of the government services.	Industry (CamSurCCI)	collaboration between key players.	
Disaster resilience	Resilient programs. We need to look at the resiliency of the region.	Academe (BULSU)	the resiliency of the programs	

Friendly/Responsive policies (research engagement and linkages established)	Region 10 Industry: Activities should be demand driven, industry driven, and community driven researches. Those alone one can have many clients.	Industry (OROBEST)	demand driven, industry driven, and community driven researches	
Branding	BSU: Batangas State University has two planned projects which need the assistance of the innovation actors in the region. First is an inventory of resources including human and physical facilities like laboratories of the different universities and agencies in the Calabarzon. Second, with the presence of many industries in Calabarzon, there is the target to come up with an operation manual on innovation because other academic institutions might have their own start-ups to harmonize these initiatives.	Academe (BSU) R4A	branding	
Funding	Region 11 Government: The benefits and support to the institutions especially the private higher education institutions must be established, because honestly speaking, the present landscape for the higher sectors, especially for private schools is quite unfavorable as of the present [time]. The trend right now is the enrolment in private higher education is really decreasing unlike state universities where their budgets are steady. So, assistance in this area in terms of research, development and production, as far as the private HEIs are concerned. SUCs have no problems because the budgets are provided by the state but private HEIs rely on the enrollment. The K-12 transition and then the flexible learning education, that is the situation of private HEIs.	Government (CHED)	providing research grants to all key players	Establish Research funds this refers to the provision of research grants
Funding	Region 11 Government: Yes, we currently have this with project with NRCP and DOST 11, 10 and 13 and we can provide private institutions with research grants through this project. As mentioned by Ma'am Betty, she is part of our CRADLE together with ADDU. Unfortunately, despite many follow-ups with PCIEERD, they have not received any reply. We are verifying status of the proposal with the project leader as the response of PCIEERD will be directly from the project leader.	Government (DOST)		
Funding	Right now, we are funding our own TBI after the DOST PCIEERD had already run out of funds [as engagement ended]. The establishment of KTTO, the operation is funded by the university. We funded research centers to focus on one area, to whatever field the researchers are at. We have funded research centers because the enabling program of STRIDE and aligned with the mission of the university.	Academe (USTP)		
Industry responsive	My personal take on what USAID has done is that they presented opportunities not only for production but also for management in the understanding a good kind of governance can support the industry better	Industry (PhilExport)	able to respond the concern of the industry partner	Industry-Academe relations

Industry responsiveness	Region 10 Industry: It is important that the organizations should be proactive, not wait for clients to come. They have to search for them like what they did to us.	Industry (Oro Handmade)		refers to the rapport of the academe and industry in the development of the project.
Industry responsiveness	Region 10 Academe: The quality was okay for Monde Nissin but we were not able to produce. On Santiago Fresh Miki Factory, we were able to produce but it was not sustained. It was not sustained because we do not have the capacity. Our dryer is for pilot stage only.	Academe (XU)		
Technology potential	IND24A: The group works because of the trust for each other. “We believe in the capability of each member of the group. We are pursuing a lot of activities with the Batangas State University including the moringa, pepper, and inland and marine fisheries projects. We are having livelihood projects for the poorest of the poor. We have brought a lot of personalities in our linkages including the Indian ambassador. We are not only relying on government funding but also donors from other countries.	Academe (BSU) 4A		
R&D Ecosystem	IND4A1: There are beneficiaries who are wives of soldiers. Because of that project, the local farmers became engaged in the local cattle industry. The farmers no longer butcher their cattle during fiesta time. The ACDI is willing to buy the products not intended for the gene pool of the program. Anytime it will be paid. Pwede na silang bigyan ng pera na any time they can withdraw. Meron na syang source of cash they can also monetize at a later period.	Industry R4A		
Institution building	The RIIC is a national initiative of the DTI. I just joined the regional office, but there really was a priority for pilinut way back. In fact, yung fablabs namin is supporting the innovation projects.	Government (DTI)	able to create and upgrade operations manual, facilities, and programs to encourage researchers to create researches start-up programs	Enhancement of harmonization of activities this refers to the improve and continue the congruence of the activities for the project
Institution building	They were able to create the acceptance and recognition of the HEIs through a regional higher education plan under a Memorandum of Understanding (MOU).	Government (CHED)		
Institution building	Additional factors that we were able to see in promoting sustainability is an Innovation Guidebook led by STRIDE. Like an operation manual. So mawala man po yung tao na naginitiate if there’s a guide the programs can still work.	Academe (BULSU)		
Institution building	We had inputs yung partners sa innovation guidebook.	Academe (BULSU)		
Institution Building	Maybe we can integrate this with the RIIC. Councilor Pilar was correct earlier, we need to harmonize as we have several innovation facilities in the region, harmonization is lacking. The Davao City Innovation center was created so we need to harmonize all the projects with different RIIC partnered agencies.	Government (DOST)		
Institution building	Region 11 Academe: Continuing development and upgrading of facilities at the academe level, especially in terms of R&D centers, FabLab, as well as	Academe (UP Mindanao)		

the incubation centers. If the academe continues to develop these kinds of facilities, then it would be a big help for the innovation center to sustain its operation in Davao City as well as in the entire Davao Region.

Institution building	Region 10 Academe: The programs that were facilitated by USAID STRIDE; KTTO, TBI, Ideation, research activity, those were the things that the university has a drive/push on how to promote research outputs. Encourage students and researchers to startup company on the startup program. The university has the vision and the intent to provide funding on these areas, thus this would lead us to sustainability.	Academe (USTP)		
M&E Tool	Region 11 Government: Maybe one factor is on the M&E integration of the RIIC, we need to have this Monitoring and Evaluation tool to be ingrained in the system so that we can monitor in terms of our projects and programs later on. The second one is that we have developed this with UNESCO, or the score card for the Sustainable Development Goals where we can assess the contribution of the program with the SDGs.	Government (DOST)	the need to have an M&E tool to monitor projects and programs	Pathway to stability this refers to the mechanisms that will be employed to sustain the partnership and programs that was done.
Capacity building	UPLB2: The common goal. The academe, ACDI, and the Province of Siquijor continued the effort even after the funding from STRIDE ended.	Academe (UPLB) R4A	Capacitating continued efforts	
Partnership	That's how I think BU fablab started working with us. DTI helped us coordinate.	Industry (PhilExport)	continue the collaboration and long-term commitment within the key players	
Partnership	UPLB2: The DNA testing output of the project was applied to commercial breed, Holstein cattle under the project funded by PCAARRD and the National Dairy Authority which adopted the technology which originated with the STRIDE project.	Region 4A		
Partnership	We signed a MOA on how to sustain the START Center. For Filippinovation, itutuloy din po naming yun gamit ng START Center. So, STRIDE really enabled sustainability.	Academe (DLSU)		
Partnership	Region 11 Government: We have it already. Last January 2020 it was duly signed by the partners.	Government (DOST)		
Partnership	Region 11 Industry: Continue the collaboration. It is very important, especially for small MSMEs because we lack resources, that is why we need the help of various sectors.	Industry (Healthy Sweets)		
Partnership	Region 11 Industry: Long-term commitment from stakeholders as well as MSMEs who are the target of several RIIC programs.	Industry (Davao City Chamber of Commerce and Industry, Inc.)		
Pathways to policy/Stability	Walang permanence, kung napalitan na si RD, are they equally going to be supportive of the program? So, for example for me, I only have 2 terms, will the priorities shift and would I be able to pass on the linkages to receptive people? Baka mawalan ng bwelo yung team.	Industry (BCCI)		

Supportive admin	Isang laudable thing po is that they made it a point that all the projects they're making they make sure merong sumasalo.	Academe (DLSU)	The projects that are being implemented are supported by the respective administrations of the institutions / organizations
Supportive admin	We really appreciate the RD's leadership with 2020's main theme of higher education.	Government (CHED)	
Supportive admin	Tama si sir Erwin, it really is the people.	Government (DTI)	
Supportive admin	Greatest factor to sustainability is the people. It is the greatest asset. We need to find champions.	Academe (BULSU)	
Common goals	IND72] common understanding and common goals in helping the community by GIA stakeholders. The shared KPI (key performance indicators) will sustain us in the partnership.	Industry R7	
Inclusive	<p>IND71] We have a lot of projects in the past that have been sustained. We have a project with DOST where we have trained a private group that is now called the Cebu Food Consultancy group under the chamber, (2013) which is on food safety measures. We have another with DTI. In other words, The group is willing to come up with money to have the assistance.</p> <p>The mechanisms and the success story are important.</p> <p>(Agnes) Who was the leader? Who was the champion?</p> <p>The chamber has a different leader in every two years mostly voluntary.</p> <p>Financial capacity to procure technical and advisory services (i.e., some industry players are willing to pay for these services)</p> <p>Agnes- When you say, mechanism, is that a written agreement?</p> <p>[IND71] – no more written agreement, only when there is a need.</p> <p>Agnes – so its very demand-driven?</p>	Industry R7	Inclusivity of projects

3.2 What emerging partnerships, initiated by institutions as brought by their connection to USAID STRIDE, may support the sustainability of the project? E.g., Cities Development Initiative (CDI) and other USAID projects nearby; and the political economy challenge (political/power connections, social capital, policy support)

EMERGING PARTNERSHIPS, INITIATED BY INSTITUTIONS AS BROUGHT BY THEIR CONNECTION TO USAID STRIDE, MAY SUPPORT THE SUSTAINABILITY OF THE PROJECT				
Code	Response	KI	Category	Theme
Awareness	Region 11 Academe: A suggestion for the RIIC to consider. It is good that we have an increase collaboration with LGUs. Hopefully the experience of Davao City creating RIICs can influence other LGUs in the region in creating the same. At the LGU level, I think it would be nice to use the Davao experience in having its own innovation center will be translated to others.	Academe (UP Mindanao)	awareness of other LGUs in the region in creating the same framework as the RIIC.	Inter-LGU collaboration this refers to the increase awareness of other LGUs in the region in creating the same framework as the RIIC.
Capacity building	Recently we had an ICANVAS tool training so we're holding an event like this and we're offering to train you and your network. Wala pong MOA, but more on offering na lang kung may icoconduct sila na event.	Government (DOST)	enhancing the capability of the people who are involved.	Enhancing networks refers to the expansion of current key players through capacity building workshops of other untapped players
Capacity building	I would like to emphasize that the lining of topics as a result of the prefeasibility or market scanning that UP Ignite has done should definitely remain and continue.	Industry (VistaLand)		
Capacity building	Another sustainability factor mentioned by Jomar is the training of trainers. The most recent initiative of stride - the START centers, is addressing this	Academe (UPD)		
Collaboration	If the project is something that addresses a certain technology for example that we will be using over a long period of time, then the sustainability question is quite long-term just like what we're doing now with some projects with DOST, so that's in collaboration with DLSU. That's another point, but for sustainability on per project, that will really just be based on the life of the project, since we're addressing industry issues, then I can probably say that once we've addressed the problem then the sustainability will depend on if we'll use it or whether we'll advance to a new technology.	Industry (IMI)	to increase networks and partners from the current key players.	
Collaboration	To work with a whole industry group would be good. Starting with Networking, this will help sustain collaborations.	Academe (UPD)		
Collaboration	We are looking forward to involving the DA in the agriculture side, the other industry associations.	Government (CHED)		
Collaboration	Dito po sa Bulacan, if we can include the farmer cooperatives, sana they will be considered in the future.	Government (DTI)		
Collaboration	It really is the partnership with the SUCs and the Regional Cybernetic Centers for Innovation. Kasi nasa HEIs po yung innovation factors, ito po yung untapped assets natin yung mga innovation players.	Academe (BULSU)		

Collaboration	Region 11 Government: RIIC also is working closely with our school-based technology business innovation hubs funded by DOST, namely UP Mindanao UPGRADE, um UMASENSO, USEP AGILAB, and ADDU innovation hub. TBI is technology business incubation hub	Government (DTI)		
Commercialization	Establishing a framework for benefit sharing Continuous Product Development for expansion of value chain	Industry (PhiliPILI)	Establishing a framework for benefit sharing Continuous Product Development for expansion of value chain	
Communication strategies	from the gov't po siguro yung continuous communication kahit sa engagements. For example, tapos na yung KTTO workshop namin with them pero ngayon po meron kasing mga hindi naka submit ng proposal sa amin under the IMPACT program so hindi pa po sila sinukuan ni STRIDE and right now we're developing a support program with 2 RDIs, so STRIDE is still providing workshops outside the program. So sana po continuous engagement lang sana kasi nagsusupport pa naman sila. In exchange of this, susupportahan pa din kahit na supposedly tapos na sa program.	Government (DOST)	continuous communication among partners to furtherly collaborate with future endeavors.	
Context specific approaches	So, sustainability kasi has a different meaning eh, but if it's the sustainability on the project it will all depend on what the project is all about.	Industry (IMI)	the project is aligned to the context of the partner	
Curriculum	Marami po kami sa COB depende sa CMO ang CHED kasi marami nang ganun na binubukod yung professional track. Sa college of business po. Sa ngayon kasi suspended lahat ng autonomous status, so ngayon bawat galaw po naming kailangan ng permiso sa CHED.	Academe (DLSU)	review of curriculum	Revisiting of the curriculum refers to the review of the curriculum in relation to the interventions that were made.
Funding	We have several programs. We have advanced technology commercialization (ADTECHCOM) where our researchers can submit proposals to our office, and we can fund.	Academe (MSU-IIT)	programs where researchers can submit proposals to the office and can be funded.	Provision of research grant this refers to the programs of the HEI where their researchers can submit proposals and can be funded.
Gender and development	Region 10 Industry: Women development in SURGE.	Industry (OROBEST)	Women development	Gender Inclusion refers to the involvement of all genders in the project.

Grounded academic actors	The researcher is also doing another work/job. As much as we want to continue the project and sustain it. In the project, there are no money, we cannot even use the administrative cost to repair the unit in case it needs to be fixed. If there is a policy that will look into the whole chain of technology development up to commercialization, that would be very helpful for projects like this. The project helps the researcher to reach its output to commercialization. We don't have the "business attitude", only as a researcher. If there is a program that could support us, sustain us to develop that mindset. We have the fear that what if the business will fail? Up to now, the technology is just in the pilot scale. If we produce 1 kilo of powdered squash, it is very expensive. The one that we gave to Mr. Teope are subsidized by the project. There is still the need to optimize the technology and be ready for the supply. Also, the production supply should follow from the quality standards of the industry.	Academe (XU)	to review academic policies that involves faculty researchers and to continue to enhance their capacity in doing research and innovation	review academic policies this refers to the revisiting of the academic policies that involves faculty researchers and to continue to enhance their capacity in doing research and innovation
Inclusive	Region 10 Government: We see complementation especially with the CMCI because for this year aside from the 4 pillars, the innovation cluster is added. So, this is a complementation that is added relative to the CMCI (Cities and Municipalities Competitive Index). This year they include for monitoring the innovation, but it will be included in the ranking by next year.	Government (DTI)	the inclusion and collaboration of all key players and other institutions / organizations / agencies in creating programs and activities	Inclusive mechanisms refers to all action that will sustain the intervention thus it will involve all key players in other LGUs/organizations/agencies through effective collaboration
Inclusive / Collaboration	Region 10 Industry: One of the activities that the Oro chamber or OROBEST can get into with other projects is the intervention with the BIR on the Small Business Information Portal. We are into this with the USAID SURGE project and LGU. Out of the desire to help our MSMEs, we have this collaboration with the LGU and try to encourage our members to be engaged in this Small Business Information Portal of the LGU.	Industry (OROBEST)		
Inclusive / Collaboration	Region 10 Academe: In addition to sustainability, if we try to look on sustainability, we always look at the 3Ps; people, process and program. In the case of MSU-IIT, STRIDE has directly or indirectly influenced us to also craft some programs that we can have in MSU-IIT that can be funded by MSU-IIT.	Academe (MSU-IIT)		
Industry responsiveness	We'd go to the food innovation center on how to package it then to the DOST to provide an FDA. Yung packaging ng mga bulacan products ginagawa yun sa food innovation center. BULSU is really pushing that for the academe and the students, andito na tayo eh, so let's become the top not only for the region but also for the Philippines. On Thursday we would be having a MOA signing with BCCI and BULSU so we're strengthening our ties with the academe. We're providing them a means that we're providing an online OJT to the students to work for the industry partners. Before in my company, I was accepting 30 students in my companies, so mostly yung kinukuha ko mga engineering,	Industry (BCCI)	connect researchers to MSMEs and strengthening our ties with the academe	

	architecture and accounting. So, around mga 20-30 students talaga, mostly they're from BULSU. Sa ibang schools naman mostly HRM yung amin.		
Industry responsiveness	We also have a program, research and researches for MSMEs, where we connect our researchers to MSMEs. Our researchers can submit a proposal and they have to identify an MSME as their beneficiary of that proposal. That is also part of ILIGANiCE. The ILIGANiCE will help smoothen the process when we try to connect with MSME and MSMEs we try to connect our research related innovation infrastructures at MSU-IIT.	Academe (MSU-IIT)	
Industry responsiveness	Many liked the output here in Pagadian and we used it every time we make pancit.	Industry (Santiago Fresh Miki Factory)	
Institution building	Meron na pong dalawang natapos na Filipinovation run. So sino po ba yung third-party na tutulong sa GIA linkage. Si STRIDE po kasi yung nageserve as a conduit so we are really able to bond, STRIDE really informs us of opportunities for projects. That is our worry, how can we take part if they're leaving.	Academe (DLSU)	establish a unit or office that will help researchers and create a link among GIA.
Institution building	START Center where we are one of two. So that's just this year. We have a briefing document that we use for all upper-level briefings for DEANS Chancellors etc, and you can see the fingerprints of STRIDE that comes from the KTTO. These are my own experiences noh, but the form by which the practice is becoming sustained when it becomes encoded on the manuals number 1 siguro also is the KTTO I think that's also the second part where the learning and the knowledge from STRIDE would continue.	Academe (UPD)	
Institution building	Region 10 Academe: It would really help if there were KTTOs. A unit in the university that will help the researchers. One way is to continue engagement with the community. Consciousness to build the work.	Academe (XU)	
Inter-province expansion	Region 11 Government: we are expanding the coverage of the RIIC initiatives to other provinces. Recently, we designated also innovation point person in 5 provinces of Davao Region.	Government (DTI)	expanding the coverage of the RIIC initiatives to other provinces
Partnership	Region 11 Industry: Davao Chamber has an ongoing partnership with a New Zealand organization to promote entrepreneurship among IP women. Right now, we're working with groups like Obo Manuvu, TCHAD, and Matigsalug for product development.	Industry (Davao City Chamber of Commerce and Industry, Inc.)	creating partnerships for the development of programs and activities
Partnership	IND24A: Because Liberica is concentrated in the province of Batangas, other possible partners from other provinces of the region can be engaged in other commodities like moringa.	Industry 4A	

Partnership	IND24A: There is a big project by the Committee on Agricultural Modernization Project which was adopted as signature project of the Department of Agriculture. An executive order will be issued by the Department of Agriculture as a province led agriculture and extension system [AES]. This is based on the province commodity investment plan. Liberica coffee is one of the 10 commodities in the plan which the province, city, and municipal LGUs will implement. This will be most noticeable when the Mandanas ruling will be implemented next year [2022]. The program on coffee will be supported by the AES and the Mandanas ruling. Mr. Caedo is the financial adviser of the provincial government of Batangas on agricultural affairs.	Industry 4A		
Partnership	Region 10 Industry: We have one supplier before in Baguio. In Luzon, Benguet is the one who produces carrots. We were buying from one company, and it buys carrots from Benguet then that company will process the carrots. However, its technology did not have good quality outputs. That is why when we learned that XU is willing to help, they were able to consistently achieve the quality.	Industry (Monde Nissin)		
Partnership	IND24A: Because Liberica is concentrated in the province of Batangas, other possible partners from other provinces of the region can be engaged in other commodities like moringa.	Industry 4A		
Partnership / Institution Building	Region 11 Government: Maybe the most recent is on the Knowledge Innovation Science and Technology Park, to be hosted by UP Mindanao. We partnered with Kyushi University in Japan to establish the KIST park for the Davao Region. One partnership that arose in the RIIC implementation is the Davao Innovation Center together with Councilor Braga. This center was created through a city ordinance sponsored by Councilor Braga. For DOST XI, before, the RIIC is somewhat like an adhoc committee of the institution, but we are planning for next year that we have to ingrain the system, the RIIC, in our division, so we will allot a budget for the RIIC in DOST XI. So that there is a division devoted for RIIC.	Government (DOST)		
Partnership / Institution Building	Region 11 Government: We would like to express our desire to help other LGU to come up with a similar ordinance	Government (LGU)		
Institutionalized programs	LGU4A: Out of STRIDE project, there were other projects which branched out like the research which found that the native cattle are also a good source of meat. The whole province is engaged in this project. The LGU is doing a proposal for beef choice marketing to produce good meat.	LGU R4	Programs being institutionalized	
Protection of outputs (patenting/indi	When we started this, we don't have KTTO. At the end of the project, we were able to build the design. If this would be upscale, and if there is a group that who wants to take on the technology, one concern is how will we protect the ownership of the researcher. Right now, we are trying to	Academe (XU)	protect the ownership of the researcher	Review ownership protection policies refers to the streamlining of the

genous knowledge) R&D ecosystem	apply for the patent, the process is long and there is no office that is assisting. However, the ecosystem that will include choosing, prototyping, funding and commercialization and the IPR issues need to be streamlined.	Industry (VistaLand)	IPR issues need to be streamlined	policies that safeguards the ownership of the projects.
Policies	IND14A: The local farmers understood and appreciated not only the potential of the promise that it could give higher income but also the quality due to the gene improvement. Dati maliit lang ang native cattle ang may good quality meat, wala syang size, and milk sourcing capacity. Now they can attain the size and produce milk as well and may support from the LGU. Pag inalagaan mo ang baka the effort of the farmers will be paid off. Thus, ACDI support the project.	Industry 4A	Policies on providing awareness to profitability	
Scalability of projects-programs	As a matter of fact, we don't have any more squash powder, so we made our own, however the squash here is very expensive unlike there in Cagayan de Oro, as a result, there will be an income loss. That is why we stopped making powdered squash.	Industry (Santiago Fresh Miki Factory)	assistance when the projects need to be scaled up to the needs of the industry.	Development of the offshoot of the technology refers to the sustainable actions to be done in the facilitation and in the formation of final output of the project that needs to be scaled-up or in the creation of start-ups and spin-offs
Start-ups – spin-offs, commercialization/licensing	Region 11 Government: 2 Davao start-ups are beneficiaries of DOST startup grant, namely: infinit LMS and obx solutions [NOTE: IN YELLOW HIGHLIGHT MENTIONED BY JD BUT NOT IN THE RECORDING AND IN MY NOTES]	Government (DTI)	creation of start-ups and spin-offs	
Technical assistance	Food innovation center with BULSU that is directly supported by USAID STRIDE and DOST	Industry (BCCI)	facilitating in the formation of programs and activities	
Technology self-life	Mas technology talaga, sometimes it's the process and sometimes we are of course since we are a tech company, most of it is really based on that. Technologies really have a shelf-life, once it's done and the shelf-life is over even if you have it, you might not be able to use it because it's obsolete. We are also looking at the process on a way that makes it sustainable because that of course will help us when it comes to providing efficiency and faster outputs.	Industry (IMI)	shelf-life sustainability of the technology in order to continuously provide efficient and faster outputs.	
R&D Ecosystem	LGU4A The potential for the increase in income overall benefit of the dairy industry of the whole Philippines. It would be the pride of Bohol that the native cattle are being used by the cattle industry of the country.	LGU 4A	Providing an ecosystem conducive to producers	
Sustainability	LGU4A The native male inseminated with genotype from the STRIDE project is spared. It is the source for artificial insemination of native cattle.	LGU 4A	Sustainability in farming processes	
Technology	IND14A: The local farmers understood and appreciated not only the potential of the promise that it could give higher income but also the quality due to the gene improvement. Dati maliit lang ang native cattle ang may good quality meat, wala syang size, and milk sourcing capacity. Now they can attain the size and produce milk as well and may support	Industry 4A		

	from the LGU. Pag inalagaan mo ang baka the effort of the farmers will be paid off. Thus, ACDI support the project.		
Potential	IND24A: PCCI is ready with the seedlings before the nursery because of the problem of procurement.	Industry 4A	Potential effects of procurement policies/delays

3.3 What are the challenges and opportunities needed to achieve sustained improvements in the partnership? (RIICs)

3.3, Given your USAID STRIDE connection, what emerging partnership/networks may support the sustainability of the project? i. e. other USAID projects nearby.

The political economy (political connections, social capital). (HEIs)

CHALLENGES AND OPPORTUNITIES NEEDED TO ACHIEVE SUSTAINED IMPROVEMENTS IN THE PARTNERSHIP				
Code	Response	KI	Category	Theme
Actualization of the output	Region 10 Industry: The biggest challenge is to see the actual realization of the efforts. To see that it actually happens. Because as of today, we are still waiting. Once we will be receiving the technology, there will be unlimited opportunity. With this experience, we rely so much with our partners. The sooner, the more active participation our partners, will be really helpful in attaining this ultimate objective, the fruition of all our efforts.	Industry (OROBEST)	challenge is to see the actual realization of the efforts	issues on the accomplishment of the output refers to the challenge if the tangible output will be achieved.
R&D Ecosystem	HEI4A: It is a dilemma among the universities wherein after the funds from government and international agencies, it is also the end of the project. This is a question of sustainability.	Industry 4A	Unsustainable funds from projects	
Collaboration	Dito po sa Bulacan talagang involved nap o yung academe and yung BULSU, sa mga development councils naming talaga pong involved yung BULSU sa planning and meetings kasi napakaimportant po nila in addressing the needs of our MSMEs, technology, training and researchers, ang laki po ng contribution nila. In SMED councils, BULSU president has been participating hopefully in other regional and provincial HEIs this would be included.	Government (DTI)	the collaboration between key players is established. However, there are concerns when there is a change of LGU officials, the participation of the LGU might be affected.	discontinuity of partnerships refers to the gap of the collaboration that will happen from the partnerships that is well-established
Collaboration	Region 10 Industry: On the level of sustaining collaborative mechanism, first is to develop advocates, create institutional support, create policy environment, create financial environment.	Industry (OROBEST)		

Collaboration	Region 10 Academe: If we try to look at the entire ecosystem, the ecosystem does not only consist of academic institution but also consist of the LGU. But the LGU has a timeline like in every 3 years they change officials. If that set of officials that are managing the city will not have the same mindset., that is one challenge there. So, we have to mainstream this mindset so that who will ever take the office in the future, we can still smoothly implement the programs that we have started. The main challenge is the mindset. If we don't have the same mindset and if don't share the same values, then that will be a big challenge. Of course, the partnerships and collaborations, if we have the same goals and objectives, there might be challenges that we can share and embrace.	Academe (MSU-IIT)		
Commercialization	This will be something that has to be arranged by the teachers, students and the businessmen, but this is usually a case-to-case basis. For me, personally, not as part as BCCI, because the Dean from BULSU is a good friend of mine, if the kids	Industry (BCCI)	commercialization of the technologies is a case-to-case basis.	context-specific commercialization this refers that commercialization of the technologies is a case-to-case basis.
Digitalization	Business Recovery. How is business going to move forward in the future? Everything is digital now; everything is going online now is the time to innovate.	Industry (BCCI)	a challenge in the transition of a different platform in business operations cause by the pandemic.	Digital platform issues refers to the challenges in the transition of a different platform in business operations cause by the pandemic.
Digitalization	DOST4A: For the coffee industry. DTI has a working group on the coffee industry of which the composition comes from the different agencies to assess the producers the number of coffee farmers and the marketing practices. But this is not only for Barako coffee of RIIC. This project covers all the coffee producers in the Calabarzon.	DOST 4A		
Inclusive	Second one is on deployment, all of our projects should be deployed to all partners, and also our stakeholders, and with this, there is a gap in our deployment and project. For this to be sustained we need to fix the gaps when it comes to deployment.	Government (DOST)	all of our projects should be deployed to all partners, and also our stakeholders	enhancing inclusive actions refers to the development of mechanisms that will strengthen the active collaboration of all key players.
Industry responsiveness	Actually, the MOA signing on Thursday is very important with us because it gives us a door to the academe, and the professors in BulSU, particularly on the college of information technology nila, magaling yung mga estudyante nila, pero hindi nila alam yung mga kailangan na program ng end user for example accounting programs custom made with BIR inputs. Yun po yung connect	Industry (BCCI)	strengthen Academe and Industry collaboration	
Industry responsiveness	Region 11 Academe: There is this issue of Industry-Academe gap that the academe is not responsive with the needs of the industry. With the	Academe (UP Mindanao)		

	RIIC, I hope it would be able to further strengthen Academe and Industry collaboration. The perennial issue of collaboration can be resolved.			
Industry responsiveness	from the Bridge program that I am engaged in, there is real time in adoption of their recommendation. Their recommendations are good in terms of business development and expansion. We are looking it like a “bible”. We are looking at it every day on how we can adopt whatever mentioned there by ADMU. because you cannot avail such expertise every day. We have followed the majority of the recommendations, so far. For example, in our market development, it is doing very well except we are still waiting for another recommendation which is still we can hopefully do something about. Everything is in real time. It is not a matter of receiving a report or recommendation, but an actual implementation of the recommendation. That is why STRIDE is alive, it evolves, it has good mutation.	Industry (Oro Handmade)		
Institution building	Yung SMED council of DTI (Provincial SME Development Council), kasama po si LGU, chairperson siya ng SMED council. Tapos po yung ibang partners. SMED – provincial and regional SME development council.	Government (PSTC Pampanga)	programs, activities and discussions that create opportunities and would help sustain the program	involvement of all key players refers to the active participation of all key players in the discussions and activities for the sustainability of the program
Institution building	BULSU would have the KTTO, this would bring in these good opportunities and would help sustain the program. As long as businesses have access to the KTTO.	Industry (BCCI)		
Institution building/Industry responsive	Re the Innovation Guidebook, MSMEs already have the guidebook. Next thing to do is for stakeholders to sit down, discuss action plan per MSME and firm up commitment by organizations involved. Hence, everything stated in the plan, based on the needs of the concerned MSME, will be implemented accordingly.	Government (DTI)		
Branding	DOST4A: There are attached agencies to DTI which provided funds to BSU like PCIERRD. In a recent meeting with STRIDE, there is an ongoing website of RIICs being developed by BSU which aims to post all the research projects of BSU, and other line agencies included in the RIIC. But the representative from DOST4A was not sure on the status of the activity.	DOST4A	Pertains to branding	
Integration	Lastly, on integration since we have a strategic plan towards 2030, we have to integrate our programs and projects relevant to the target and strategic objectives of the strategic plan.	Government (DOST)	programs and projects relevant to the target and strategic objectives of the strategic plan that was created	Growth of collaboration this refers to the expansion of partnerships to other organizations and offices guided from

Inter-province expansion / Collaboration	on 11 Government: It was already mentioned that the effort of expanding the membership or participation of other organizations in RIIC is already mentioned, and we appreciate that, as this would further expand the reach of RIIC. At the same time, we could say that its implementation in Davao is successful, and we need to expand that especially on the part of NGAs, because our function as regional offices must not only be in Davao but for the entire region. This was mentioned earlier, and we are happy for that. In terms of the involvement of the academe vis-à-vis the industry, I think that is really innate upon the initiatives of the individual institutions. We would that there are quite a number of institutions, both private and public, who are quite successful in terms of their reach and collaboration with industries. That is why it is important, and we are quite happy that the RDC had been very active in terms of policy direction and at the same time in the implementation of the programs of the national government agencies.	Government (CHED)	expanding the membership or participation of other organizations	the plans and objectives that were established.
Common goals	[HEI71] Application with the CRADLE, with the partner industry	HEI R7	Common goals when it comes to collaborating	
Common goals	UPLB1: The project participated in the milk festival in Bohol during the second year of the project. This served as information dissemination about the project who were surprised that there is a project for native cattle of Siquijor. UPLB1: Sikat ang native cattle of Siquijor in Bohol. Moreover, the taste of pure Siquijor native cow's milk is different. People were asking to buy milk from pure Siquijor cattle. The Stock Farm is continuously producing milk.	UPLB R4A		
M&E Tool	Third would be on learning, we need to have an M&E tool to revisit the gaps and learn from it in benchmarking from other RIICs, DOST X, who are doing well.	Government (DOST)	a need to have an M&E tool to revisit the gaps and learn from it in benchmarking from other RIICs	development of M&E Tool refers to the need to have an M&E tool to revisit the gaps and learn from it
Partnership	As mentioned earlier the KTTO network is one thing. Kumbaga ito yung parehong pinagdaanan when it comes to the program. Another would be the FEC network, there's a slight difference lang on the composition of participants but recently when we were doing the START Pilot workshops ang una namin tanong is yung itatap namin na FEC alumni as speakers to share their success stories. Just the sharing of stories is one way of sustaining the practices.	Academe (UPD)	to see more parties brought into the network/conversation. Also, have approaches to solve any gap pointed out in the strategic planning especially on how we can sustain the partnerships.	Develop more partnerships refers to the expanding and sustaining the collaboration
Partnership	Would like to see more parties brought into the network/conversation. Linkages to USAID projects that speak to environment protection, climate change adaptation. I would like to see how research could be used to support various platforms for carbon trading.	Industry (PhilipiLI)		

Partnership	In approach, the RIIC should have approaches to solve any gap pointed out in the strategic planning especially on how we can sustain the partnerships.	Government (DOST)		
Partnership	IND71] The reason why DTI asked permission from Chamber to use RISE, that is our logo for the Cebu business month which is a onthly activity for the rest of the year. If it's a demand driven. 6 MSMEs access the academic orgs. Emerging partnerships by type of technology, services, or products (e.g., creative animation technology) Emerging industries like the creative innovation. Bring investors from Manila and international. These are all digital technology. Bring into the STRIDE for Creative animation.	Industry R8		
Partnership	DOST4A: For the coffee industry. DTI has a working group on the coffee industry of which the composition comes from the different agencies to assess the producers the number of coffee farmers and the marketing practices. But this is not only for Barako coffee of RIIC. This project covers all the coffee producers in the Calabarzon.	DOST 4A		
Pathway to policymakers	a pathway that we can connect with the policymakers that we can have the same mindset. Connecting how policymakers can be actively involved in our conversation when building a sustainable innovation ecosystem.	Academe (MSU-IIT)	Connecting policymakers to be actively involved in the conversation when building a sustainable innovation ecosystem	involvement of policymakers refers to the participation of the policymakers in the conversation when building a sustainable innovation ecosystem
Resources/Funding	Problem would be on infrastructure. Once we increase the programs, we need to build on the existing infrastructures. Malaking tulong kung magkakaroon ng grants particularly in enhancing the center.	Government (CHED)	funds are more needed when there is an increase of programs to be implemented.	Enhancement of funds refers to the increase of funds needed as more programs are implemented
Funding	HEI4A: Majority of the big universities in Manila got the grant from the first phase of STRIDE.	HEI 4A		
Funding	HEI4A: Another organization, is the Philippine Development Fund where BSU got funding for their projects at BSU.	HEI 4A		
Funding	HEI4A: Equal opportunities should be given to the regions to level the support. The request of their group is for the central offices to give the funding to the region which in turn will in turn allocate the funds.	HEI 4A		
Resources	[HEI71] Funding opportunities from different sources (e.g., NICER CRADLE)	HEI R7	Resources in the region	
Resources	[DTI7] the Brand of the RIIC is the RISE	DTI R7		

Procurement	IND14A: Assist the BSU with funding for research and development not only for coffee but for other crops as livelihood. Industry can provide technology transfer/vocational training. What the RIIC needs are research projects similar to the works of Dr. Menchie Lagman of CLSU who is a genome expert.	DOST 4A	Procurement of funds	
Scalability of projects- programs	Region 11 Government: through STRIDE, RIIC has a plan to institutionalize the innovation assistance service of key partners from Davao Chamber, DOST, DTI and CHED etc.	Government (DTI)	institutionalize the innovation assistance service of key partners	institutionalize the innovation assistance service refers to creating a system in assisting innovation mechanisms.
Start-ups - spin-offs	Sinabi na po lahat ni Doc Sison KTTO participants po. They are now forced to talk to the industry, nakita po natin na may mga nanganganak. They have projects now when it comes to licensing.	Government (DOST)	the academe and the investors should be sharing the success stories in having this innovation. Also, to have more Start-ups - spin-offs as these companies mature, we need to understand how best to support them	developing more start-ups - spin-offs refers to encouraging the key players to create start-ups - spin-offs and make the culture part of the economy
Start-ups - spin-offs	May I suggest that success stories of startups in terms of economic gains to the company in terms of valuation and sustainability of these companies as well individual gains of the inventor, the academe and the investors should be worth telling to the public so that they know that a version of Silicon Valley type of ecosystem is already here. And we need to accelerate and yes make the culture part of the economy.	Industry (VistaLand)		
Start-ups - spin-offs	So probably raising the kids, for example spin-off companies. We hope to have more, as these companies mature, we need to understand how best to support them. As a parent, raising a toddler is different from raising a teenager, similar when the older and more mature industry partners will have problems. The same goes for industry partnerships, so maybe right now the collaborations are very simple, as we go towards complexity i.e., systems of technologies of a whole supply chain, that's something we haven't started on yet. We've gotten glimpses of it, but this is something that we have to fast-track our learning, how to support the industries and innovating on their supply chains.	Academe (UPD)		
Technology potential	IND14A: Assist the BSU with funding for research and development not only for coffee but for other crops as livelihood. Industry can provide technology transfer/vocational training. What the RIIC needs are research projects similar to the works of Dr. Menchie Lagman of DLSU who is a gnome expert.	Industry 4A	Industry providing more start-ups	
Supportive admin	Just go on what we have, and we are doing well. Sustain the momentum. The same program will be placed or enhanced, the MSME will be really grateful.	Industry (OROBEST)	sustaining the momentum in doing innovation programs and activities.	sustaining the momentum refers to the continuity of doing innovation programs and activities

Attitude	HEI4A: We only got support on capacity building.	HEI 4A	Behavioral changes and trust
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3.4 What are the challenges and opportunities needed to achieve sustained improvements in the partnership? (HEIs)

CHALLENGES AND OPPORTUNITIES NEEDED TO ACHIEVE SUSTAINED IMPROVEMENTS IN THE PARTNERSHIP				
CODE	RESPONSE	KI	CATEGORY	THEME
Attitude	LGU4A The LGU is happy that UPLB discovered the potential of the native cattle of Siquijor. It has also led to the mushrooming of other projects. The LGU of Siquijor is all out in support for this project. The LGU now has semen collection for 80 cattle and has a building being funded by the local government.	LGU R4	Behavioral changes be it individually or in the organization	Behavioral shift a paradigm shift in organizational behavior or perspective
Attitude	[IND71] Only about 50% of our entrepreneurs in Cebu operates only 50% of their operational capacity If the consumer confidence improves then we can revive the enthusiasm, then there can be a resurgence of the remaining 50% to operate. Accomplishing these needs paying attention to the ecosystem.	Industry R7		
Leadership	UPLB1: STRIDE Instilled the need to partner with the industry. ACDI is still a partner in the DOST-PCAARRD funded projects and ACDI is now applying for the IPR.	UPLB R4A	Initiative brought by a strong leader	
Collaboration	Tita Med, we have an ongoing project with BU FABLAB on Webinar Series and Product Development dubbed as Connect to Create. We will provide you the list and please share it among your colleagues po. FYI, we've already shared the list of webinars with OKB.	Government (DTI)	Increased linkages with other organizations in a formal or informal capacity	Interorganizational Collaboration. Increased linkages between different actors in the Innovation Ecosystem (Government, Industry and Academe)
Collaboration	"Fostering mutual cooperation and openness among institution and industry stakeholders. Collective and collaborative efforts to address common needs, issues/conflicts. Clear/open communication lines; agreed roles and responsibilities"	Industry (PhiliPIL)		
Capacity building	BSU: We only got support on capacity building.	BSU R4	Increased capacity	
R&D Ecosystem	[DOST7] as Filipino we are innovative and resilient. Gifted na ta.	DOST 7	Research and development ecosystems	Commitment of R&D ecosystem actors refers to an improvement to R&D Ecosystem players
R&D Ecosystem	[IND71] Our ongoing two programs start with the entrepreneurial mindsets, after which the development of their business improvement plans follows. At the end of this year, we will have over 3,200 entresps in Cebu City alone and over a hundred in the region whom we will filter through for other technical	Industry 7		

requirement our assistance needs which we may introduce to this program. But they have to go through the process because that's the only way we can build commitment. And that we have seen that happened in the last two years where our clients are committed people at the end of the program. It is true, if it is not demand driven, they might ask why are spending so much time to this?

Communication strategy	Region 3 Academe (BULSU): What we do sa region 3 is to adequately plan and overcome disruptions especially in this pandemic. So, what we do is to structure the innovation program for region 3.	Academe (BULSU)	Strategies pertaining to organizational communication	Communication strategy. Strategic structuring of communication plan for programmatic functions.
Communication strategy	[HEI72]- increase the info drive to the clientele the success stories. There are those who do not appreciate at all. For instance, digital marketing, etc. lack of appreciation of the ability.	HEI R7		
Communication strategy	HEI72]- Increase information to others about the success of MSMEs to encourage them to seek assistance from the academe	HEI R7		
Communication strategy	HEI72]- Lack of appreciation by MSMEs for the capacity of academe to provide technical assistance.	HEI R7		
Communication strategy	[HEI72]- Maybe they can see things that can be neutralized	HEI R7		
Resiliency	Institutionalized contingency planning (even well- thought plans are bound to break, especially when there are a number of independent players involved)	Government (CHED)	Strengthened resilience on disasters and unforeseeable events that might affect business and conduct of innovation initiatives	Resilience. Institutional resilience on maintaining the same level of impact and initiative regardless of external circumstances.
Institutionalized programs	UPLB1: For the community-based project, UPLB Chancellor Camacho granted DTRI 6M pesos for the purchase of 70 head of Siquijor dairy cattle. UPL1 convinced the Siquijor LGU o to allow UPLB to procure the cattle despite the ordinance which bans the transport of cattle outside of Siquijor because this is for research for the whole country. An agreement was executed between UPLB and Siquijor that it will still carry the name Siquijor cattle. This is an innovation because UPLB did not have native cattle for breeding. The crossbreeding under STRIDE has produced second filial generation in Ubay which will then produce the first Philippine Dairy Cattle strain from Siquijor.	UPLB R4A	Institutional building that promotes project resilience and sustainability	
Resources	IND71] There is always a need for money but the determination whether you need that money comes only after when you have decided where to go - you know your direction. Whether you need to change your business model, whether you need to change your market. That soul-searching is what STRIDE is all about. At the end of the soul-searching, you will determine what are your financial requirements.	Industry R7	Need for funding to sustain partnership	Funding. Financial requisites for programs to continue