

ANNEX F

RELEVANCE FGD.1 CRT

1.1 What is the role of STRIDE in the formation of the RIIC?

ROLE OF STRIDE IN THE FORMATION OF THE RIIC					
CODES	RESPONSE	KI	GIA/RIIC	CATEGORY	THEME
Alignment	From the beginning at the onset, we have to make sure that there is no duplication rather a complementation for HEIs. Every province has a cybernetics center. They were able to mobilize the RIIC quickly. Given the limited resources of CHED, we also were able to mobilize.	Government (CHED)	Region 3 GIA	Alignment of programs	Complementation of programs refers to the alignment of programs among HEIS
Alignment	IND4A1: On the part of the cooperative, being a very promising project, specifically, in Siquijor, ACDI is also interested in the local cattle industry to improve the quality of cattle which has the potential to produce for meat and fresh milk for the children. Dairy cattle development is one of the priorities of ACDI,	Industry	Region 4A		
Alignment of programs	UPLB1: She used to work at the Department of Agriculture (DA) Regional Field Office 7 of which Siquijor is one of the provinces in the region. The DA 7 bought Siquijor native cattle; hence the Ubay Stock farm in Bohol has a gene pool. When she transferred to UPLB, went back to region 7 she proposed to STRIDE the project on dairy cattle. She invited UPLB2 who is an expert on molecular biology to join the project. The Stock Farm is also ideal to conduct the experiment because of its large number of stocks. In the project we have two cattle pools: one is the Stock Farm in Ubay, and the other one community based in Siquijor where the stocks are with the farmers.	Academe (UPLB)	Region 4A		
Alignment of programs	IND4A1: On the part of the cooperative, being a very promising project, specifically, in Siquijor, ACDI is also interested in the local cattle industry to improve the quality of cattle which has the potential to produce for meat and fresh milk for the children. Dairy cattle development is one of the priorities of ACDI.	Industry	Region 4A		
Alignment of programs	"HEI71] I would like to connect with what Ms. Mae of Cebu Chamber mentioned. As an institution we have parallel programs and projects. DOST, DTI and CCI have their own programs, CITU have our own commitments. The real challenge is harmonizing these different programs and projects that are in parallel with STRIDE programs and projects. How to connect all of these to have inclusive growth. I see RIIC to be the umbrella that can consolidate the efforts of all these partners. "	HEI	Region 7		

Attitude	Meron po kaming tiwala sa isat isa despite the pandemic.	Industry (CamSurCCI)	HEI GIA DLSU	Trust in partners	Trust refers to creating trust among partners
Benchmarking	I was so impressed with the engagement in Bicol without STRIDE RTI we wouldn't have seen the onsite farms. So, we realize that there is a good potential to have these businesses grow up. Maybe we can be recognized as the best pili industry in the world.	Academe (DLSU)	HEI GIA DLSU	Realization of programs	capacity building refers to the capability of the players to establish innovation activities.
Capacity building	KTTO Impact workshops, more than 50 HEIs and RDIs went. In partnership with UPD, ang resource person po namin sina Doc S (Sison) together with STRIDE. The attendees were the clients in STRIDE. Yung PIEECD. Resource person po namin si UPD.	Government (DOST)	HEI GIA UP Diliman	Guided and provided technical assistance through workshops.	
Capacity building	So meron talagang help through workshops and lectures.	Academe (DLSU)	HEI GIA DLSU		
Capacity building	So yung mga event meet ups sila po nag spearhead nito.	Academe (BULSU)	Region 3 GIA		
Capacity building	We're very thankful for the group of USAID. From the very beginning they already guided us on how to establish the RIIC Davao. They also provided us technical assistance. When we started it's really STRIDE, the group of RIIC, who assisted us in conducting workshops like mapping of the new innovation ecosystem and coming up with activities such as ideation and design thinking workshops. We implemented other projects such as the Innovation for Business Recovery (IBR) and also our marketing research project with CHED. So, they're instrumental in why Davao RIIC is very active. We also got our constituents to work with us in the industry and the academe.	Region 11-Government (DTI)	Region 11 - RIIC		
Capacity Building / Industry responsiveness	Region 10 Industry: The role of STRIDE when we engaged with OROBEST, OROBEST was the main organization that we engaged with from ideation then we went to study our business and then we evaluated. The implementation was in coordination with Ateneo de Manila University (ADMU). After that, there was a monitoring activity after the recommendations have been submitted up to the mentoring stage. The way I see it, it was giving us a bigger picture from the beginning to the end result.	Industry (Oro Handmade)	Region 10 - RIIC		
Capacity building / Partnership	Region 10 Academe: Helped us facilitate in making the proposal. They helped us connect to the stakeholders that will be part in making the proposal and in the implementation. STRIDE has a major part in crafting, formulating, and connecting us to major stakeholders	Academe (MSU-IIT)	Region 10 - RIIC		
Catalyst	From that time on STRIDE has been a catalyst for us in establishing partnerships with Unis and Gov't. There have been a lot of activities before for these two areas, but I think that was the turning point on 2017,	Industry (IMI)	HEI GIA UP Diliman	vital role in establishing	

Catalyst	We had several meetings from this company from Sorsogon and Bicol. During the pandemic, tahimik talaga but because of the initiative of the STRIDE na may contact pa rin kami may work from home kami, so I think we had several meetings with some of these partners, from the government as well.	Academe (DLSU)	HEI GIA DLSU	partnerships	
Catalyst	[IND71]: These are not only a DTI determined set industries. We have economic drivers that we have selected together, and this has been approved by the RDC which we can engaged in, which includes both the existing economic drivers such as foods, ICTs, constructions, and the like. There are also emerging industries which includes the creative industry, and certain agro-fishery industries that are part of the value chain. We are open to the 11 industries that have been identified.	Industry	Region 7		
Catalyst	"[HEI71] helped built the RIIC, served as glue for GIA stakeholders, especially to help MSMEs in the locality, lynchpin in trying to pull significant groups together to achieve results"	HEI	Region 7		
Catalyst	[IND71] Several interactions and conversations with academe for the last 5 years has taken place. STRIDE served as facilitator and focal person in connecting different partners from the academe to specifically focus in helping MSMEs'.	Industry	Region 7		
Collaboration	where after that our types of collaboration have increased in terms of value, value meaning we were able to look into how to provide or at least close the gap with these entities. There still is an existing gap. What we're looking at now from those initial engagements is to actually increase the value of those engagements such that there is skin in the game, meaning more value, so that there is a win-win situation for both Academe, Government and Industry.	Industry (IMI)	HEI GIA UP Diliman	bringing their expertise in bridging the gaps between the various parties	collaboration refers to closing the gaps among active players and increasing the value of engagements by creating opportunities to the partners to be active.
Collaboration	Already mentioned the link with the nature of engagement with the STRIDE. For our industry partnerships, dalawa yung mechanisms by which STRIDE helped facilitate the collaboration – one is we have a program called IGNITE and that's based on a lot of the industry, academe and government initiatives initiated by STRIDE so collaboration came from other initiatives they have already done another would be the ideation workshops. It's like dating for industry and academe. We have a lot of getting to know events, but the ideation workshop is really different. We actually never met before.	Academe (UPD)	HEI GIA UP Diliman		
Collaboration	I agree with Sir Erwin Magsakay. We recognize the importance in gathering support of our stakeholders with our MSMEs. So, we had some meetings with BULSU, the business sectors and other sectors thinking of strategies for them. So, the Academe and Industry partner collaboration has been really good.	Government (PSTC-Pampanga)	Region 3 GIA		
Collaboration	Ang kagandahan sa Region 3 is nagtutulong tulungan lahat ng government agencies. We already have 10 HEIs that are included in the RIICs. Angeles University Foundation, working hand in hand with BULSU. New partners – Central Luzon State University, Nueva Ecija University of Science and Technology, Tarlac Agricultural University, Tarlac State University, Don Honoria Ventures University, Bataan Peninsula University, Holy Angel University and Pampanga State	Academe (BULSU)	Region 3 GIA		

	Agricultural University. We like to acknowledge si Dr. Semana (of CHED) to the HEIs in Region 3, so we really appreciate her role.		
Collaboration	STRIDE is the arm of the USAID that's bringing in their expertise in connecting the various parties so talking about the government, academe and the business sectors, they're bringing in their expertise by ensuring cooperation between these GIA partners, especially towards achieving innovation. They're providing know-how, most of the THRIVE team are coming from their staff, when BCCI came on board, they were the ones who helped us catch up with the party since for example BULSU was already part of the program way back. STRIDE was the one who invited everyone to one party so they can talk together. Sila po yung party coordinator naming para mag-usap yung ibat ibang group na to.	Industry (BCCI)	Region 3 GIA
Collaboration	We are a partner of UP Mindanao in IBR and we're grateful for that they are helping in our needs.	Region 11- Industry (Healthy Sweets)	Region 11 - RIIC
Collaboration	I was about to share the same sentiment with the LGU. STRIDE helped us a lot in putting us together. There is now greater interaction between Academe, Industry and Government. Unlike before we just give our own interventions and there is not much interaction between the GIA, but now when STRIDE came in and helped us to come up with an RIIC, we have appreciated it more especially from us in the academe that there is a greater interaction and collaboration among GIA has. Academe interactions with Industry are easier as it is bridged by the Government.	Region 11- Academe (ADDU)	Region 11 - RIIC
Collaboration	We also got our constituents to work with us in the industry and the academe.	Government (DTI)	Region 11 - RIIC
Collaboration	STRIDE has been our convener in our Davao Innovation agenda setting. In our strategic planning, we have actually done our strategic plan for RIIC up to 2030. So that was the role of USAID STRIDE.	Government (DOST)	Region 11 - RIIC
Collaboration	Just like the other agencies we commit to this group to the RIIC. Our services, especially it's one of our primordial functions in higher education, providing research and development. We wish to convey once again our commitment to this group in whatever way we can provide, especially in terms of facilitation of whatever needs that the group may have wherein the higher education institutions are involved.	Government (CHED)	Region 11 - RIIC
Collaboration	STRIDE is doing a good job in bringing together people, especially the government. What I know and learn about science and technology and innovation, I have learned that from STRIDE every time I am invited for an activity. STRIDE is doing a big step in putting forward science and technology and innovation in Davao. Although I am not a direct member of STRIDE, knowing what the things that they are doing, I think this deserves a thumbs up.	Government (LGU)	Region 11 - RIIC

Collaboration	We are a partner of UP Mindanao in IBR and we're grateful for that they are helping in our needs.	Industry (Healthy Sweets)	Region 11 - RIIC
Collaboration	I was about to share the same sentiment with the LGU. STRIDE helped us a lot in putting us together. There is now greater interaction between Academe, Industry and Government. Unlike before we just give our own interventions and there is not much interaction between the GIA, but now when STRIDE came in and helped us to come up with an RIIC, we have appreciated it more especially from us in the academe that there is a greater interaction and collaboration among GIA has. Academe interactions with Industry are easier as it is bridged by the Government.	Academe (ADDU)	Region 11 - RIIC
Collaboration	DTI4A: We actually created a VIBER group with PCCI, VP Amante and DOST to streamline the coordination. But ultimately, the role STRIDE for us is to strengthen the linkages. If I may say, there is a weak link when it comes in the establishment of RIIC. The role of STRIDE is to collect all the strengths of the agencies and merge these para mas maganda ang collaboration for an RIIC.	Government (DTI)	Region 4A
Collaboration	IND14A: Okay naman. STRIDE acts as coordinators for the private sector, academe, and other government agencies.	Industry	Region 4A
Collaboration	UPLB2: STRIDE introduced collaboration between the government and the industry. STRIDE required the proposed project to have a collaborator from the industry but added the Province of Siquijor, Bohol Island State University (BISU), ACDI Multipurpose Cooperative, and other two cooperatives.	Academe (UPLB)	Region 4A
Collaboration	LGU4A: LGU Siquijor is a partner of UPLB in the STRIDE project during the first phase of the project.	Government (LGU)	Region 4A

Collaboration	[DOST7] Science and technology for inclusive growth mandated by the Philippine government, STRIDE has brought this together by wielding the team of the government, industry, and academe partners. STRIDE helped	Government (DOST)	Region 7	
Collaboration	[IND71] Several interactions and conversations with academe for the last 5 years has taken place. STRIDE served as facilitator and focal person in connecting different partners from the academe to specifically focus in helping MSMEs’.	Industry	Region 7	
Collaboration	[IND71]: These are not only a DTI determined set industries. We have economic drivers that we have selected together, and this has been approved by the RDC which we can engaged in, which includes both the existing economic drivers such as foods, ICTs, constructions, and the like. There are also emerging industries which includes the creative industry, and certain agro-fishery industries that are part of the value chain. We are open to the 11 industries that have been identified.	Industry	Region 7	
Lead agency	HEI4A1BSU was identified as the lead agency, as the anchor as RIIC. We are not alone with this. We are in partnership with PCCI, DTI and DOST.	HEI	Region 4A	
Commercialization	Yung output, and the highlight of the project with the 14 universities are the licensing agreements, so may mga RDI owned projects na ma commercialize.	Government (DOST)	HEI GIA UP Diliman	commercialized outputs
Communication strategies	Creating a marketing opportunity for our MSMEs, we are crafting, and we already have a bridge bicol website and fb page na yung partners namin and MSMEs ay ineencourage naming magupload ng products and company profiles para mapromote yung products niyo.	Industry (CamSurCCI)	HEI GIA DLSU	marketing opportunities for MSMEs through social media

Curriculum	<p>The other one has to do with academic programs, normally kasi academic programs, we tend to be ostriches, ivory tower head in the sand mentality but one recent initiative where we had an interaction with IMI was to develop a new kind of program the PSM with STRIDE and the goal of that program was to have industry involvement built in, not just in terms of the student interacting with the industry, but even right at the beginning as the program was conceptualized we already had significant industry inputs. STRIDE created several curriculum workshops with UP and several industry partners, so that's the most recent work in progress.</p> <p>We are doing the curriculum now. Matagal yung process, and di pa kami nakakuha ng approval but we already have implemented transition programs to put the best practices in the programs. In fact, we already have graduated a transition batch using an intermediate program.</p> <p>It was primarily a START program; it was a new concept to have this kind of curriculum design and development process. The most that we had in terms of industry connection for a curriculum program was more towards the end, so that's thesis mga ganun or internships. So, this new mode was primarily initiated by STRIDE. We learned a lot. Both IMI and VistaLand participated in these workshops, and this was an eye opener for us in terms of understanding. STRIDE provided us a framework for convergence for the curriculum design.</p>	Academe (UPD)	HEI GIA UP Diliman	provided us with a foundation for curriculum design convergence	creating curriculum design refers to the participation in actively creating academic programs
Funding	For our project with Filipinnovation it was funding. They bring in foreign consultants that would elevate innovation here in the Philippines. They also have that valuable role of ensuring sustainability that they can leave the legacy of training faculty, researchers and entrepreneurs	Academe (DLSU)	HEI GIA DLSU	provided funding sources to ensure sustainability	Funding support refers to the financial support provided for the project
Funding	Region 10 academe: STRIDE funded the project under the CARWIN window	academe (XU)	Region 10 - GIA		
Funding	UPLB1: STRIDE provided the financial support of P10M [AC Rola for phases I and II?] to the project which ended in 2017. The cooperation with the partners including ACDI, provincial government of Siquijor, and other local cooperatives still exists up to the present.	Academe (UPLB)	Region 4A		
Funding	[DOST7]: We have our own item. We have our own role in the RIIC to collaborate with the different industries and academe in relation to technology in need for the development of innovation among MSMEs. We have our own funding. We have different programs (i.e., small enterprises, etc.) and services that DOST can offer.	Government (DOST)	Region 7		

Industry responsiveness	Enabling them to meet with their partners. I believed in the role of academe in the growth of industry and our enterprise. Through the sessions we had with her (Dean DLSU School of Business), the academe urged us to look beyond the pandemic. I embraced everything made by their study. The study provided us a clarity of action as to how to handle the problems of the past and present and how to handle the future. We have followed all her suggestions we really went through each one of them and they are doing so well, far better than we expected. The STRIDE provided the opportunity, DTI provided the information, but most of what we have done right now is made possible by the linkage we made with Emilina Sarreal. We also opened ourselves to working with the fablab of Bicol.	Industry (PhilExport)	HEI GIA DLSU	enable to respond to the problems of the industry	Industry responsiveness refers to the activities that was made to answer the problems of the industry
Institution building	IBR partner, Innovation guidebook for the industry.	Government (DTI)	HEI GIA DLSU	provided very	enabling factors refers to the
Institution building	We're thankful for the USAID STRIDE in guiding the region in crafting the RIIC. STRIDE provided very strategic and organized approach in leading the formation of the core-group particularly the technical working group. They are very immersed in the conceptualization, crafting the activities and as well as implementing it. The involvement of STRIDE is very heavy particularly na hindi kami iniwan dahil within the journey they were there.	Government (CHED)	Region 3 GIA	strategic and organized approach in leading the formation	mechanisms that made the programs, activities, and intervention kept on moving forward.
Institution building	Maganda yung mapping, and initially we will be moving forward smoothly kasi naka-map siya. The MSMEs will be gathered.	Government (DTI)	Region 3 GIA	of the core-group	
Knowledge transfer	[IND71] Several interactions and conversations with academe for the last 5 years has taken place. STRIDE served as facilitator and focal person in connecting different partners from the academe to specifically focus in helping MSMEs'.	Industry	Region 7	particularly the technical working group.	
Policies	Region 10 Government: Paved the way as policy support, helped us in coming up a resolution which we endorsed it to the RDC. It was done in 2019. The resolution specifically states that [RDC] is supporting the establishment of the RIIC in Region X. That was the policy support that paved the way with the intervention of STRIDE. After that, there were different series of meeting with the stakeholders they started in strengthening the convergence of all the innovation players.	Government (DTI)	Region 10 - RIIC	Paved the way as policy support, helped us in coming up a resolution which we	

Changing policies	HEI4A1 STRIDE as convenor. They are very much involved in the RIIC. It was Marela who originally contacted BSU to form the RIIC in CALABARZON through the line agencies, it was officially approved by the Regional Development Council.	HEI	Region 4A	endorsed it to the RDC. After that, there were different series of meeting with the stakeholders they started in strengthening the convergence of all the innovation players.
Supportive admin	Government (PSTC-Pampanga) – with the commitment of the team talagang tatawagan, all means, na may representative for every meeting. That is why kahit papaano hindi ganun ka delayed kahit with the pandemic, so kudos po for the team. So, thank you so much for the extended help especially with DOST. We rarely discuss these to ourselves kasi kailangan naming tawagan lahat ng DOST offices.	Government (PSTC-Pampanga)	Region 3 GIA	able to communicate with the team despite in a pandemic.
Technical assistance	Mapping, Linking and Aligning activities, STRIDE has been very visible. So linking and progressing the region, STRIDE was successful. Even, na trace naming yung R&D facilities, and even with government agencies we had convergence so nagkakatulungan.	Academe (BULSU)	Region 3 GIA	they helped us conceptualize and
Technical assistance	Region 10 Industry: The Oro Chamber and Industry came in 2018. On the 2nd extension, that is [the time] when we joined the RIIC. Maybe the part of STRIDE was to conceptualize and operationalize the RIIC. when Oro Chamber joined in the RIIC program through the launching of OROBEST Innovation program, they helped us conceptualize this and provided us learning activities and collaborative engagement as well as technical support and mentoring.	Industry (OROBEST)	Region 10 - RIIC	provided us learning activities and collaborative
Technical assistance	[IND71] Several interactions and conversations with academe for the last 5 years has taken place. STRIDE served as facilitator and focal person in connecting different partners from the academe to specifically focus in helping MSMEs’.	Industry	Region 7	engagement as well as technical support and mentoring.
Coordination	DTI4A: Region 4A is really at the early stage of its establishment. Unfortunately, the Taal Volcano eruption and the pandemic happened simultaneously, and it would be difficult how can really STRIDE assist the RIIC. Primarily, overall naging maganda naman yong coordination. One of the STRIDES Focal person, Ms. Marela. I can talk to her on RIIC concern and easier to coordinate.	Government (DTI)	Region 4A	

"1.2 What is the additional assistance introduced by STRIDE to strengthen your partnership as GIA? Follow up: Which of these received funding (infrastructure, research grants, capacity building, etc.) from STRIDE, government, or private organizations? (i.e., to meet gap in funding?)"

ADDITIONAL ASSISTANCE INTRODUCED BY STRIDE TO STRENGTHEN PARTNERSHIP AS GIA					
CODES	RESPONSE	KI	GIA/RIIC	CATEGORY	THEME
Benchmarking	They gave us an opportunity to see what other RIICs were doing. We were able to improve our plans from RIIC. Ito po yung best-practices ng other RIICs, ano ba yung mas angkop sa Region 3?	Industry (BCCI)	Region 3 GIA	Able to witness other RIIC's activities in order to improve own plans for RIIC.	Overall Capacity Building refers in providing training, seminars, and sessions in order to enhance the capacity of the key players in doing the projects
Capacity building	One of the assistances na na provide nila during the KTTO assistance they didn't only provide the venue and the program, but they also trained the trainers. They opted to train the staff of Doc Louie which is also not limited to UPD but also to DLSU. So, it's basically trained the trainers, so we already have capabilities to train the people here as well.	Government (DOST)	HEI GIA UP Diliman	provided the venue for KTTO and conducted technical training	
Capacity building	Right now, the industry needs more technology-based trainings and as we go into the direction of heavy mechanization to reduce manual labor, I think we can have collaboration in terms of this direction, we will welcome it. We wanted more technical trainings, capacity building, even introduction to new technologies that we know but have not been adopted.	Industry (BCCI)	HEI GIA UP Diliman		
Capacity building	I just remembered one more STRIDE initiative. So, dun sa aming technology transfer one of STRIDE's biggest initiatives is the FEC Filipinovation Entrepreneurship Core and partner namin yung DOST. It's patterned after the US's ICORE. The primary participants of the program are researchers of the HEIs and RTIs. So, we had several participants there. It helped the participants to connect with Industry and the skills to look at setting up the collaboration. Think of it as a very structured getting-to-know-you.	Academe (UPD)	HEI GIA UP Diliman		
Capacity building	When STRIDE organized a series of FGDs and Planning Sessions with the Pili Industry and the Stakeholders in Bicol in 2019 participated in by BU, DA, DTI, PCIEERD, industry players, we became aware of the various programs and services that could be had as well as the opportunities to be able to work together to drive growth in the industry.	Industry (PhiliPILI)	HEI GIA DLSU		
Capacity building	Am not privy to this, but I believe some funding has been granted for capacity building.	Industry (PhiliPILI)	HEI GIA DLSU		

Capacity building	Region 10 Industry: STRIDE provided capacity building with appropriate and best resource speakers, consultants on webinars and innovation talks and training for those who pitch. Also, they provided workshops for the ideation for the industry and academe to meet. Before the pandemic, they have the budget of the ideation workshop for the industry and academe will meet and discuss what they can come up with. During the pandemic, we meet online and do virtual ideation. They also provided the resource and facilitator from UPSCALE innovation hub. They did a lot of learning sessions for us. They guided us in making the 5-year strategic planning and roadmap. Late last year, they introduced us an MLA (Mapping, Linkaging and Aligning) Methodology.	Industry (ORO Chamber)	Region 10 - RIIC
Capacity Building	Last year, the OROBEST Bridge program, which is the direct consultancy and guidance to help MSMEs rethink their operations within the COVID-19 setting in the development of the individual business strategies that can help them recover through innovation. It comes in three (3) phases; assessment, post SNS (suggestive next steps), implementation and monitoring. Mr. Ray and Ms. Cabanlet are recipients of this aside from the other programs that they had.	Industry (ORO Chamber)	Region 10 - RIIC
Capacity Building	They helped us capacitate the people. They trained Ma'am Pat Cruz to train in managing the KTTO.	Academe (MSU-IIT)	Region 10 - RIIC
Capacity Building	It gave us confidence to traverse innovation ecosystem landscape.	Academe (MSU-IIT)	Region 10 - RIIC
Capacity Building	We were able to get the support of STRIDE particularly in the facilitation of the Ideation Workshop. Second, on the Capacity-building of our faculty researchers on the areas of KTTO that we want these research output to be adapted, used, utilized by the particular industry.	Academe (USTP)	Region 10 - RIIC
Capacity Building	All of these are being facilitated and we are being trained by STRIDE. Lastly, on capacity-building on our personnel who is managing the TBI, wherein every year we are going to develop some entrepreneurs in the startups which we also introduce them to the Oro Chamber and to be part of its members. That connection is very important to us because there will be an additional network for them to get partners and to be funded.	Academe (USTP)	Region 10 - RIIC
Capacity building	HEI71] USAID STRIDE is the key player wherein we are able to develop further our capacity as a university to extend our R & D capability to the communities. Three years ago, we were able to join a capability-building program of DOST supported by STRIDE to build our technology biz incubation lab, and second, building our capabilities in terms of technology transfer. These capability-building programs of USAID STRIDE have enabled us to extend our R & D capabilities to our MSMEs in the localities which is key to fostering the growth of the RIIC in the region.	HEI	Region 7

Capacity building	UPLB2: Capacity building with the SUCs. Part of the project is capacitating the SUC partner. UPLB1 and UPLB2 went to the United States and Australia for study visits. STRIDE also had a scholarship program where one of the staff went to Iowa State University for a six-month training.	Academe (UPLB)	Region 4A		
Capacity building	BSU: STRIDE never promised to give funding.				
Capacity building	[DOST7] If proponents can provide all the needed requirements, they can easily access the funds. We have external evaluators who can facilitate in fulfilling all the requirements because the ultimate goal is to accomplish the job/task.	Government (DOST)	Region 7		
Industry commitment	ACDI1: ACDI shared the principles and experience of a stable cooperative to small cooperatives in Siquijor and Bohol. ACDI which has branches all over the Philippines has large membership composed of retired military personnel and family. ACDI can also assist in marketing the products like processed meat of cooperatives in Bohol and Siquijor.	ACDI	Region 4A	established partners	Effective collaboration this refers to the partnerships among key players which resulted to adoption of technology by having good communication strategies.
Collaboration	There have been instances where USAID STRIDE through their linkages in the US and other countries have actually referred or proposed to us collaborations outside the Philippines. This has been introduced to us, since we are a global company, we are also able to get these opportunities as well.	Industry (IMI)	HEI GIA UP Diliman		
Collaboration	It however is managed by all our partners. We have a lot of information in our respective agencies, and we want to share this with everyone particularly in research and innovation. DTI is the lead, but it is co-managed by our other GIA partners.	Government (DTI)	Region 11 - RIIC		
Commercialization	We are trying to sell the technology present in the academe. STRIDE facilitated a meeting with Saliksik.ph to curate technologies and research technologies and put in a database. This has been captured by the DOST and has been approved already for the OROBEST Regional research database. Sometimes the academe will present, and it is too technical that sometimes the industry cannot understand. Now we have four (4) signed technology transfer. By way of our convergence, we were able to get one of our objectives which is adoption of technology.	Industry (ORO Chamber)	Region 10 - RIIC	trying to sell the technology present in the academe	
Communication strategies	They helped us in our communication strategy for our OROBEST innovation program as well as the innovation guidebook.	Industry (ORO Chamber)	Region 10 - RIIC	helped in communication strategy	
Curriculum	The first is the joint curriculum development with IMI and VistaLand, where they were involved in the design of our PSM supply-chain project	Academe (UPD)	HEI GIA UP Diliman	involvement in the joint curriculum development design.	Curriculum Design this refers to the involvement in the joint curriculum

					development design.
Digitalization	We need to emphasize that while the world considers industry moving into IR 4.0 we in the Abaca industry are still in IR 1 --mechanization but working with DLSU challenged us to into considering digitalization.	Industry (PhilExport)	HEI GIA DLSU	digitalization of outputs.	Digitalization this refers to digitalization of outputs.
Funding	Region 10 academe: Only funding. There were short programs before wherein they asked us to present our project or pitching presentation during one of the gatherings but basically it is more on the research funding. We received funding twice	academe (XU)	Region 10 - GIA	research funding	funding support this refers to the research that were funded
Funding	We have research that was funded by STRIDE. There are several programs that we have partnered with STRIDE.	Academe (MSU-IIT)	Region 10 - RIIC		
Funding	Region 11 government: We funded the development of iStrike Davao, the website.	Government (DTI)	Region 11 - RIIC		
Industry responsiveness	In academe usually tayo-tayo lang, so we really didn't have the framework in which industry partners can work with, so ito po yung mirror ng ideation workshops. This helped us to talk to industry companies and to propose the technologies needed.	Academe (UPD)	HEI GIA UP Diliman	understanding the needs of the industry to adapt the research output	Industry responsiveness this refers to identifying the needs of the industry to adapt the research output through partnerships and institution building
Industry-responsiveness	That engagement where research output needs to be promoted and we have to understand what the needs of the industry for them are to adapt the research output.	Academe (USTP)	Region 10 - RIIC		
Institution building	The DTI 5 has been a partner of STRIDE on IBR or Innovation Business Recovery. STRIDE tapped the expertise of Dela Salle for the project. DTI 5 identified the 4 MSMEs, initial beneficiaries of the project. Likewise, we are part of the BRIDGE Bicol, of which partnership extended to other government agencies and industry sectors. BRIDGE Bicol is still being implemented to date.	Government (DTI)	HEI GIA DLSU	activities that STRIDE helped us in implementing these activities.	
Institution building	We have TBI and FabLab. We also have activities that STRIDE helped us in implementing these activities. We have the KTTO that we owe it to STRIDE.	Academe (MSU-IIT)	Region 10 - RIIC		
Partnership / Start ups	Now the export incubation program. This is a partnership with DTI, but STRIDE has a major role in providing startups of our partners in that activity. We also have market research with XU, to provide venues to meet potential partners.	Industry (ORO Chamber)	Region 10 - RIIC	provide venues to meet potential partners	
Policies	PhilPILI as the Pili Commodity Board has committed to develop industry policies that are science-based and technology driven, hence the STRIDE program is a welcome one.	Industry (PhilPILI)	HEI GIA DLSU	able to develop industry policies that	Industry Driven Policies

Policies	Region 11 Government: Based on our activities and experiences with STRIDE, I will cluster this with products and policy, as STRIDE has helped us to craft our innovation guidebook and the business impact survey to our MSMEs and aligning our programs and projects from different agencies. We have iStrike Davao is a unique innovation made by the RIIC through the DTI. It is a portal, a one stop shops for programs and services that the MSMEs can access. In terms of policies, we chaired the DOST XI the RRDIC (Regional Research and Development Innovation Committee) of the Regional Development Council (RDC). There are several policies that were lobbied through RRDIC, and it has been approved and the resolution has been endorsed to the RDC. The latest policies have been on the COVID-19 related-policies with MSMEs and done by the UP Mindanao team as our researchers	Government (DOST)	Region 11 - RIIC	are science-based, and technology driven	this refers to developing industry policies that are science-based and technology driven by aligning programs and projects from different agencies
Policy support	DTI: By virtue of the RDC resolution, the RIIC was created. But to make it impactful for the beneficiary and for the general public, mas maganda may launching na. STRIDE provided assistance by bringing in the consultants to give other options, perspective on geographic indicators (GI) on how things can be done and suggestions on what are the best options for RIIC, e.g., possible fund sourcing.	Government (DTI)	Region 4A		
R&D Ecosystem	The second mode of collaboration with GIA was collaborative research. In the collaborative research, two of our partners represented here have on going collaborative research agreements with UP, Vistaland and IMI, both in terms of our material sciences program. STRIDE is not as involved now in terms of the conduct of the collaborative research but when it comes to the dating, they co-facilitated several of the Ideation workshops with us. So, these are some of the collaborations that have resulted from the ideation workshop.	Academe (UPD)	HEI GIA UP Diliman	collaborations that have resulted from the ideation workshop and involvement of partners in doing research	Collaborative research this refers to involvement of partners in doing research
Knowledge transfer	[DOST7] If proponents can provide all the needed requirements, they can easily access the funds. We have external evaluators who can facilitate in fulfilling all the requirements because the ultimate goal is to accomplish the job/task.	Government (DOST)	Region 7		
Resources	Providing us the expertise but also the personnel.	Industry (BCCI)	Region 3 GIA	Provided human resource and technical assistance	Shared resources this refers to the provision of resources to key players
Supportive admin	Gusto ko pong ipagmalaki ang ating SUCs especially BULSU. Isa po sila sa prime movers. And the mere fact that they were chosen to be the Regional Cybernetics Center (RCC) and the RIIC of the Region is already an image built by the BULSU. For BULSU we have research grants also. One and very prominent recipient of the SMART Campus under the Bayanihan 2. So meron pong certain provisions to build our SUCs so 11 universities in the region were provided financial assistance through SMART Campus.	Government (CHED)	Region 3 GIA	universities in the region was provided financial assistance through SMART Campus.	

Technical assistance	Mentoring po. Mostly the personnel involved in THRIVE was from BULSU but the one who guided them was an expert from STRIDE who was guiding these personnel so that they weren't completely starting from scratch.	Industry (BCCI)	Region 3 GIA	Offered mentoring sessions and guided the personnel so that they weren't completely starting from scratch.	Technical assistance this refers to the provisions; financial or mentoring support, that was given to the key players.
Technical assistance	We are engaged with STRIDE for the OROBEST Bridge program just last year. Other than the technical support that STRIDE has provided, STRIDE also provided funding support to the faculty consultant who acts as the leader facilitator to conduct the key activities of the program. Ms Querites mentioned that in the conduct of R&D sessions, SNS, STRIDE provided the funding for us to tap expertise from faculties from different colleges in the university. The assistance of STRIDE was key in the design of the program and the instrument. With the program and instrument, we are ensuring that the process flow is developed and can generate data driven output yet still friendly to MSMEs. With that connection, the direction is clear where the program wants to go.	Academe (XU)	Region 10 - RIIC		
Technical assistance	Region 11 government: no funding that I know of.	Government (LGU)	Region 11 - RIIC		
Technical assistance	Region 11 government: In STRIDE there was no monetary funding, it's more technical assistance. Rapid needs assessments, up to the innovation of the IBR there have been technical assistance.	Government (DTI)	Region 11 - RIIC		
Procurement	IND24A: The greatest challenge is the government procurement system. IND24A: There are project requirements which necessitated to buy from ordinary traders. The government is asking for a lot of registrations like PHILGEPS. PCCI/BSU is buying elite seeds for the revival of the mother Liberica, which is a rarity. The government is telling us to buy anywhere provided it is registered with the government procurement system which will not work with their project. It defeats the purpose of establishing the pure Barako Coffee industry.	Industry	Region 4A	Issues purchasing equipment	Conflicting policies Refers to the policies that needs to be reviewed that are not aligned to the key players' mechanisms in doing the project.

1.3 What are the challenges of partnership in putting up the RIICs and how are they addressed?

CHALLENGES OF PARTNERSHIPS IN PUTTING UP THE RIICs AND HOW THEY ARE ADDRESSED					
CODE	RESPONSE	KI	GIA/RIIC	CATEGORY	THEME
Alignment to the thrust of university / Knowledge creation and increase in KAP on innovation and technology	Region 11 academe: Time constraints that we have as faculty members of the university, especially in the delivery of the IBR plans for the MSMEs. We're also challenged to somehow integrate the IBR related activities in our academic programs, like in Master's in Management and in Agribusiness Economics. We are doing something about this to possibly integrate some of our services to the RIIC. Third, somehow, we have encountered some limited information on the various government programs for the MSMEs, although this is the initial stage of our IBR engagement, in such a way that they were not readily able to match the needs of the MSMEs to the specific programs of the various government agencies. Again, this is from initial stage of our IBR engagement. Fourth, we have also some challenges in terms of exposures of our faculty members to the industry. In such a way some of us were encountering problems with coming up with a good IBR plan for the identified MSME. Fifth, would be limited training on certain technical assistance required by the MSMEs particularly marketing intelligence and FDA registrations. Finally, the asymmetric information with MSMEs is what we all encountered also that is a problem, because of this, the information was very limited in such a way it also affected the formulations of the IBR for the MSMEs. These are the problems we encountered in our IBR engagements so far.	Academe (UP Mindanao)	Region 11 - RIIC	Time constraints key players have, especially in the delivery of the IBR plans and limited information on the various government programs for the MSMEs.	inhibiting factors this refers to the limited time and information for the delivery of the outputs.
Data needs	IND71] Time management because we are in the middle of a pandemic now. We are addressing many very critical issues which includes the survival and continued operations of the MSME's. This implies the lack of time to be able to provide solutions to their problems. The needs may not just be about technical but may also include linkages or even rebooting their operations and their business models. We should really match the MSME needs and requirements with the academe expertise. Market demographics are changing, and industry cannot provide timely data.	Industry	Region 7		

Awareness	possible challenges would be promotion of the website. Although nalaunch na po, but problem is the promotion that we have RIIC and these programs and services and the MSMEs. It would be good to improve the promotion and also to keep it updated to help our MSMEs. Maintaining and updating our website will help MSMEs grow. BULSU THRIVE po yung nag mamananage ng website. DTI Regional Office has provided information on the facilities and other relevant information needed for the RIIC. From time to time we are coordinating with BULSU and Industry Sectors so they would know the present status of our MSMEs in Bulacan. I think RIIC will play an important role in preparation for the creation of the new airport.	Government (DTI)	Region 3 GIA	improve the promotion and also to keep it updated to help our MSMEs and become active partners.	Awareness this refers to involvement of the key players to promote the innovation and to be active.
Awareness	Region 11 government: Our challenge is how to become more active partners. We know bits and pieces as we were invited here and there, but we don't have any focus.	Government (LGU)	Region 11 - RIIC		
Communication strategies	One of the challenges, sometimes there are disconnects when it comes to communication since we have the Government, Industry and Academe, so dito lang po sa FGD natin may problema in terms of getting everyone together. It's more of a logistics issue, it's actually one of the things that I want to recommend. So, if we really want to continue this we already have recurring meetings since we have different schedules. Ito po yung nagiging detriment, it's hard to set a meeting then find everyone's schedule. Similar to a board schedule, it might be easier to schedule. On the side of the BCCI, we have our own secretariat, and I would be stepping in to be the point person with regards to the THRIVE program. I can't speak for the government offices on who would be taking lead on their sides.	Government (CHED)	Region 3 GIA	disconnects when it comes to communication since players are coming from different institutions / agencies / organizations.	Communication issues this refers to the dynamics in disseminating key players gathering
Communication strategies	On networking, we thought this was a problem especially with the pandemic but with the help of STRIDE, once they pushed for the programs networking was made easier	Academe (BULSU)	Region 3 GIA		

Differing mandates	May kanya kanyang mandates, the HEIs, the provincial and regional offices of DOST. So, for us DOST, nakaharap kami with MSMEs and may mga programs po sa DOST where we can submit proposals for funding on research and development yung CRADLE po with MSMEs. So, when we partner with HEIs there's a problem of matching them to industry. So, with THRIVE CL, naka network na, madali na naming ngayong mahanap yung imamatch namin. For Thrive Central Luzon, wala pa kaming proposals, but we have talked about this with VP Magsakay. During the National Science Technology Week, we will be highlighting an activity where MSMEs will gather to present mapped expertise of HEIs para lututang yung requirements ng MSMEs kung san sila required. MSMEs usually cannot find the problems on their own, so they need help in matching who can help them. We have CRADLE programs but not under the THRIVE CL. With the THRIVE we can really connect with partnering HEIs and Industry.	Government (DOST PSTC Pampanga)	Region 3 GIA	One challenge before was how to complement programs and activities to all players.	Different Dynamics this refers to the different mechanisms that are present in every institution/office that may hinder the development of the project.
Differing mandates	One challenge before was how to complement RIIC and RCCs but we were able to help this and clear out the delineation of work	Government (CHED)	Region 3 GIA		
Differences in policy	[DTI7] We have shared service facilities such as fablabs. We need however a national policy as shared service facility is not for private university.	Government (DTI)	Region 7	Different policies are implemented in each key player	
Differences in policy	UPLB2: STRIDE did not require a MOA between UPLB and STRIDE to release the funds.	Academe (UPLB)	Region 4A		
Differences in policy	HEI74] Speaking from experience in the past, a couple of year ago, we submitted a proposal to CHED for a grant related to a distance education project, after preparin. HEI74) But we are happy that DOST is not discriminating us, both private and public universities are welcome with them. [HEI73] We have no problem with DOST. I am not sure with DTI, but with CHED, we have a problem. everything, we were informed that we were not qualified because we are not an SUC.	HEI	Region 7		
Financial structure	First challenge would be financial in nature. Accounting in the academe is different from the government. The first really is the challenge on the consistency or the alignment of financial accounting for academe and the funder which are usually governments.	Academe (DLSU)	HEI GIA DLSU	alignment of financial structure in the academe and government.	
Flexibility	For STRIDE naman we don't have a problem with them because they give us a free hand. Humihingi po sila sa amin ng business plan business realignment and on how we can align our expenses. Kung	Academe (DLSU)	HEI GIA DLSU	flexibility of the budget allocated when	

	sa government kasi if hindi naka align sa budget yung ginamitan niyo may problema na agad kami.			the project is funded by the government.	
Funding	Is there an evaluation made before you submitted your final report? Region 10 academe: They had their regular monitoring during the project implementation. What was the role of CHED? CHED came after STRIDE. The experience that we gained from STRIDE, our focus was on the industry, and we have understood the farmers. In CHED's project, we focused also on the farmer's side. So, we were able to make mobile apps to assist the farmers. The farmers' practices are very traditional, even recording is a problem, and pest management and application of pesticide.	academe (XU)	Region 10 - GIA	There was a regular monitoring during the project implementation	Monitoring and Evaluation activities this refers to the regular monitoring and evaluation activities of the project implementation
Funding Opportunities	[DOST7] If proponents can provide all the needed requirements, they can easily access the funds. We have external evaluators who can facilitate in fulfilling all the requirements because the ultimate goal is to accomplish the job/task.	Government (DOST)	Region 7		
FabLab	[HEI71] CITU has its own fab lab (called maker's space) which is internally funded and is now part of the fablab community, even if we are not a state university.	HEI	Region 7	Provided funding opportunities	Provision of funds Refers to the funds that were allocated for the project
Funding opportunities	UPLB1: ACDI issued half a million pesos for the Catulayan Cooperative as a small brother big brother assistance.	academe (UPLB)	Region 4A		
Funding Opportunities	[DOST7]: We have our own item. We have our own role in the RIIC to collaborate with the different industries and academe in relation to technology in need for the development of innovation among MSMEs. We have our own funding. We have different programs (i.e., small enterprises, etc.) and services that DOST can offer.	Government (DOST)	Region 7		
Industry responsiveness	Many research have been done for the pili industry by various HEIs/SUCs and other research arms of government agencies, however, the industry does not have full access to these.	Industry (PhilExport)	HEI GIA DLSU	commitment of the industry partners in co-innovation and co-operation of the project.	Industry-Academe Relationship this refers to the mechanisms and policies in the partnership of the academe and industry in doing the project.
Industry Responsiveness	Region 10 academe: For the challenges that we had first is in the part of MSU-IIT especially on the call of OROBEST last time in terms of stoneware. The best part is actually coming up. The second problem is coming immediately from the industry and understanding what we can do and conglomerating on what are the things that we can do on our part and what we can't do and then planning on the future of the activities.	Academe (MSU-IIT)	Region 10 - RIIC		

Industry Responsiveness	Another challenge is on the specific activity understanding, because it has something to do with the deliverables from the industry part and what we can deliver to the industry. That is why Dr. Bernales a while ago and Dr. Jamil, part of their presentation actually is on the commitment also with the industries. We apply co-innovation and co-operation.	Academe (MSU-IIT)	Region 10 – RIIC	
Industry Responsiveness	because of that the challenges that we have is to answer immediately what the industry needs. Since we cannot deliver immediately what they need so we have to come up with a background IT and the transparent communication with the industry and this is the challenge as they have their own timeline, and we have our own. We have to have that certain overlap and we have to free that overlap with them, so it is the time framing and coming up with the deadlines with the industry. Another is keeping what is confidential.	Academe (MSU-IIT)	Region 10 - RIIC	
Institution building	When we collaborate with Industry the technology transfer is always going to be a problem, along with IP and so on. We've gotten a lot of advice on that, part of the KTTO training involves how to set up these kinds of partnerships negotiating, so part yun ng program nila kasi yan yung “dating” and yung engagement, the last part naman yung negotiation yun yung kasal. The negotiation is leading to the nuptial agreement and marriage. So, for example for our collaborative research right now we have to anticipate that the goals of that research will be met and so what's next after that? That's also covered under the KTTO training. Yun yung challenge, yung last stage will really be a challenge for us. STRIDE has provided some training to address this. Now they have a manual. We are actually rolling out a training program for that Manual.	Academe (UPD)	HEI GIA UP Diliman	establish policies on KTTO when transferring technology to the industry
Institution Building	We tried to plan this out with Ma'am Pat before our training with the USAID STRIDE in establishing the KTTO. because of that we try to immerse ourselves. In 2017 our KTTO office was successfully approved which started as an IPU (Intellectual Property Unit),	Academe (MSU-IIT)	Region 10 - RIIC	
Institution Building / Technical Assistance	Region 11 government: Recently, we made an ordinance that establishes an invention innovation center. We'd like to thank DOST and DTI as we craft this ordinance because we are serious to help, promote, and even in terms of funding, technical, capacity building, marketing etc., that we can do for our Davao innovators and inventors. We now have this ordinance in place, and we are looking on how to implement it now.	LGU	Region 11 - RIIC	

Mutual benefits (Opportunities)	ACDI1: The assistance is for the cooperative to procure quality dairy cattle produced out of the STRIDE project. If their dairy project will not develop, the cooperative can have meat processing. The money issued to them will be used in the procurement of native cattle. Moreover, as the cooperative develops, it will be the source of hybrid local cattle of ACDI.	ACDI	Region 4A		
M&E Tool	Region 10 Government: Provinces that are actively engaged are Misamis Oriental, and Misamis Occidental (Iligan). Now we are seeing the replication of the program in Bukidnon, so there is need for a regional structure to monitor the results of the performance of each partner. As what we did in the OROBEST, initially we have core members then we progress accordingly enrolling all other major players. All the other players are considered together with the OROBEST and ILIGANiCE that is one way going forward. But there is no problem right now with the convergence. Each of the local innovation program, OROBEST and ILIGANiCE have their management structure in place. What we really need is to oversee the M&E as far as the RIIC implementation in the region. We are really tracking the performance and ensuring that all the result of the different partners will be taken into account. That is to compliment the regional positioning as the innovation hub in this part of Mindanao.	Government (DTI)	Region 10 - RIIC	Missing M&E tool on the progress of the local innovation programs	Establishing of M&E Tool this refers to the tool that can monitor the results of the performance of each partner and to track the performance and ensuring that all the result of the different partners will be taken into account.
Pandemic restrictions	Another limitation would be being that our campus is closed off which makes it harder for us to collaborate with government.	Academe (DLSU)	HEI GIA DLSU	mobility constraints caused by the pandemic.	Mobility constraints this refers to the limitation of development of the project due to the pandemic
Partnership / Collaboration	Region 10 industry: The program is good. We don't have any problem with the university. In fact, we have a very good coordination about the project. I don't see any problem with that. We had a very smooth transaction and coordination. There were delays because of certain issues, the rest are okay.	Industry (Monde Nissin)	Region 10 - GIA	ability of the academe to scale up the technology for the industry.	Scaling up of the technology refers to the ability of the academe to scale

Partnership / Collaboration	Region 10 industry: We had a project with XU on dehydrated vegetables. Currently, we are using carrots and chives from China, so we import it. We have also CSR program. We were very happy that we were contacted by XU for this project because we also wanted to help our farmer. We gave XU some samples of what output we want. The problem here is that farmers only produce, but they don't process it. As a company, certain standards are important to us. Producing a carrot is not a problem, but processing it is a problem. That is why XU came and we want to help the farmer to process it.	Industry (Monde Nissin)	Region 10 - GIA	There is also a delay on the response on the submitted research proposal grant.	up the technology for the industry.
Partnership / Collaboration	Region 10 academe: The farmers in Bukidnon, they are producing high-value vegetables. They frequently supply it to a trading hub in Cagayan de Oro. The prices do not stay the same or are not always profitable, so much of the carrots, especially if the prices are very low, it will be thrown away. So, we thought of dehydration as a possible way of minimizing the losses of farmers. When we had our first project with STRIDE, we interviewed manufacturing companies on who are using dehydrated vegetables, and that is why our team met Mr. Welly Toha, who is kind enough to introduce to us the background on how to use the vegetables. We wanted to help the farmers. Make their livelihood more sustainable. We focused on 2 vegetables, carrots and squash. Our partner on carrot dehydration is Monde Nissin. Our partner on squash dehydration is Santiago Fresh Mike. We were able to give Mr. Welly our sample carrots and they tested it and it was similar to what they get in China. The next question was, what is next?	academe (XU)	Region 10 - GIA		
Partnership / Collaboration	Region 10 academe: For squash dehydration, Mr. Teope they are producing Fresh and Dry Pancit Miki. They are using squash powder as a substitute for natural coloring. They tried in drying squash before, but they find it rigorous, because they only use sun drying. Mark was able to design a dryer to dry squash better. Sun drying would take days for the squash to dry. Some of these samples from sun drying squash results in having molds. We designed a dryer that is circulating air and it is more sanitary. The powder can be mixed to their mixture.	academe (XU)	Region 10 - GIA		

Partnership / Collaboration / Industry responsiveness	Region 11 industry: When they started setting up for the RIIC, there are none. They linked us with the other sectors, academe and to the government. They helped identify our needs and worked from there on how to resolve it. When we started, ADDU was identified to be our partner in terms of the Technology that we need. So, we developed a proposal which was submitted to the CRADLE project of the DOST, a solar-powered cooker, it was submitted by ADDU and us. Until now, we have no update with this proposal. This was submitted before the pandemic. That's why we're asking for an update.	Industry (Healthy Sweets)	Region 11 - RIIC
Partnership / Collaboration / Industry responsiveness	Region 11 industry: We're producing coconut sugar. In terms of production, the biggest expense is on fuel on cooking coconut sugar. That is one of our identified problems, since the fuel used for cooking is expensive. Together with Ateneo, when RIICs just started, Ateneo partnered with us in developing the technology, a solar powered cooker for coconut sugar. We have our proposal that was submitted by ADDU to the CRADLE project of the DOST.	Industry (Healthy Sweets)	Region 11 - RIIC
Partnership / Collaboration / Industry responsiveness	Region 11 industry: As of now, we are making the IBR together with UP Mindanao. We submitted our needs, then UP Mindanao will be the one to help us.	Industry (Healthy Sweets)	Region 11 - RIIC
Partnership / Collaboration / Industry responsiveness	Region 11 academe: The IBR is a business recovery plan where the academe, on this case for Ma'am Betty, is we help them formulate their business recovery plan. That is the assistance that we are giving the MSMEs through the RIIC program. In the case of Ma'am Betty, their IBR plan is to be completed. For other MSMEs, we already have completed two of them and both of these MSMEs have already implemented some of the strategic actions that we agreed during the plan formulation. One is Malagos Foods Incorporated and the other one is A's & R's, both of them are engaged in food processing. Malagos was able to identify a new product as their pivot to recover from the impact of COVID and the other one is into meat processing. A's & R's was able to secure a purchase commitment from one of the major players in convenience retail in the Philippines. We assisted them in the formulation of their strategic plan in meeting the requirements of their particular client. Currently the A's & R's is already implementing some of the strategic actions that we have identified.	Academe (UP Mindanao)	Region 11 - RIIC
Partnership / Collaboration / Industry responsiveness	Region 11 academe: So far, we finished 4 IBRs. In Coffee for Peace, they already have implemented some suggestions in terms of packaging and marketing. At the same time, I was also informed through DTI and Coffee for Peace, DTI is already bridging	Academe (ADDU)	Region 11 - RIIC

	Development Bank of the Philippines with Coffee for Peace. With the help of DTI, they linked the MSME so they can get the necessary funding they need. The other 3 MSMEs needed FDA approval. So, we reported that issue back to the group and at least the DOST knows about these 3 MSMEs need better equipment for FDA approval. There is bootcamp where the MSMEs will take part. For Ateneo de Davao, completed IBR Plans were AgriGrowLive Farms (cacao), Coffee for Peace, Inc., Lao Integrated Farms, Inc. (coconut), and Rehoboth Agricultural Cooperative (cacao) po.				
Policy	There are issues in terms of securing intellectual property rights/patents for completed research; research funding being granted to “select group” of researchers; issues of unliquidated research grants; etc.	Industry (PhilExport)	HEI GIA DLSU	review policies on property rights/patents of researches and research funding and documentation of funds	Policy review on property rights and procurement refers to revisit the policies and protection of property rights when doing a project.
Differences in policy	UPLB2: In terms of policy, UPLB did not want to include in the MOA that the technology will be commercialized by the cooperative. There should be a separate document, a licensing agreement.	Academe (UPLB)	Region 7		
Policy constraints	UPLB2: UPLB has Technology Transfer and Business Development Office (TTBDO). Had a meeting with them to consult the possibility of protecting the breed to be developed. After that, they learned that there is no law that will allow a new breed to be patented. There is a law on plants but not for livestock. [AC Rola: Do you think it is a gap?] UPLB2: Yes. It is for the whole livestock industry for the whole Philippines. [AC Rola: Did UPLB initiate to address the issue?] UPLB 1: There were several discussions on Intellectual Property Right (IPR) with the Bureau of Animal Industry (BAI) to draft which was sponsored by Senator Cynthia Villar about genetic law improvement. UPLB1 attended meetings in the Senate but does not have any update on its status. UPLB is aware of this because UPLB1 and a colleague from the University attended the meetings as representatives of UPLB.	Academe (UPLB)	Region 4A		

Procurement	Region 10 industry: Delivery of the equipment because we have a timeframe. Maybe because of the pandemic, the procurement of materials is delayed, and it has affected the schedule. Up to now, we are still expecting for the delivery and turn-over of the equipment. Actually, they have already come up with the actual equipment, only refinements and very few improvements and amendments of the existing prototype of the project that they have undertaken. We have already also experimented on the type of formulation that we need so that it can match with the equipment. We are engaged with paper production and the innovation part is on the paper clay production because it is fiber-based, and all of the ingredients are natural and organic thus it is a sustainable product that we are promoting. We have received orders and inquiries for this product, that is why we enrolled in OROBEST to get the innovation that we needed in terms of technology and equipment that we can adopt so that we have a faster production and in a given amount of time we can produce huge quantity. For now, we do manual production thus the output very limited, if we want to produce more pieces given a period of time, we needed the technology.	Industry (Oro Handmade)	Region 10 - RIIC	the procurement of materials is delayed, and it has affected the schedule
Procurement	Region 10 industry: We were known because of the Oro Chamber. Most of the projects is on machines and how to make a farm out of the Spirulina? The problem is COVID situation that we have. Thus, there is a delay of the turn-over. They patent was delayed. We had a problem in importation as our main ingredient needs to be imported from abroad.	Industry (Green Pastures)	Region 10 - RIIC	
Procurement	Region 10 academe: Currently, we are involved with some companies under Oro Chamber in terms of R&D projects, I see that there are two (2) problems that we are continuously facing; 1) procurement law as an SUC, it is very hard and a tedious process. As a consequence, is the second problem, we are not in lock step with the industry timeline. Along with this 2nd problem, majority of the faculty members who are part of the R&D they have other designated positions, aside from the teaching they are doing research and some administrative tasks that is being put to them. Those are the things that we need to manage. There should be a hand-in-hand journey with the industry in completing the project. The pressing problem is the procurement law because we cannot do something about that.	Academe (USTP)	Region 10 - RIIC	
Procurement	Region 10 academe: The same problem when it comes to procurement. Before we created this special BAC. We have color code documents. If it is colored yellow, means it is externally funded. So, if they see this, this is somehow a “Fastlane”. We have that kind	Academe (MSU-IIT)	Region 10 - RIIC	

	<p>of modality because the externally funded projects have to catch up with the time. If we want to connect with the industry, they also have their own timeline. Academic institutions can sometimes hardly catch up. We still have this problem; it is not a perfect process because we have to go through the bidding process which takes some time. It may not totally solve the delay, but it reduces the stopping points of the documents.</p>				
Procurement	<p>BSU: Amante – There is access to mother Liberica seedings, but it is difficult to access [buy] seedlings because of the government procurement system. We are buying 80,000 seedlings.</p> <p>BSU: We are not hiring consultants, but we are buying seeds. Procurement that is beyond PhP50,000 will undergo PHILGEPS.</p> <p>[CReyes: What can be your recommendation?] BSU: The project that was mentioned by Mr. Gualberto is about the revitalization of the Barako Coffee in Batangas funded by DA BAR. It has two components: 1) propagation of Barako seedlings from elite mother tree and 2) establishment of nursery. This project is lodged with the University of Batangas. We cannot do away with the procurement system so what we do is to follow up with all the offices. It takes time. It is possible for papers to be remain long in one office for one reason or another. Minsan natatabunan, ako mismo and nag-uuli ng paper para madali ang pagpapapirma. BSU is very thankful to the group of Mr. Teng Caedo and Mr. Gualberto who shelled out money from their own funds for the continuous operation of the project.</p>	BSU	Region 4A		
Protection of outputs (patenting/indigenous knowledge)	<p>For example, on the ownership and who owns what. The nice thing is when we started it, we understand each other already and we thank USAID STRIDE as well as OROBEST in coming up activities wherein the industry has already pinpointed on what they really need. So, it is easier for MSU-IIT, the R&D team when it comes to preparing on what are the things needed.</p>	Academe (MSU-IIT)	Region 10 - RIIC	ownership of the technology	
Resources	<p>When we look at the challenges, we tried to understand the elements of the ecosystem, so we need to check the physical, economic and networking, assets.</p> <p>On physical assets we really encountered challenges. Ang kagandahan po sa R3 is that flexible yung other institutions that they can easily embrace the challenges.</p> <p>On economic asset, instrumental si RD Tess (CHED) on how to</p>	Academe (BULSU)	Region 3 GIA	availability of all resources from all key players.	Availability of resources this refers to the existing means of each key player for the development

	converge the different stakeholders, the HEIs on solving this problem.			and sustainability of the project.
Resources	Region 10 industry: Availability of resource from the academe to assist the industry or the MSMEs	Industry (OROBEST)	Region 10 - RIIC	
Scalability	I think STRIDE did try to produce an inventory of completed research, am just not sure if this has been completed. Also, PCAARRD, through Pili NICER developed a system which supposedly should be a repository of all completed research. The system has already been launched, but am not sure how successful they are in terms of getting the system populated with all the researches from various research entities.	Industry (PhilExport)	HEI GIA DLSU	mechanism to be made by key players to scale up the project. A tool that can measure the success rate of the project
Scalability of projects-programs	We put an agreement at that time, we will buy the produce as long as it is similar to our standard. One problem is that, before it is like the “chicken and egg” scenario. The farmers wanted to produce but they worry that they don’t have a market. On our side, we want to buy it but who are we referring to? XU is helping the farmers to teach them on how to process it, but they want somebody to manufacture it for us or to link it for us, farmer and the buyer. Right now, I don’t know who I should talk or call if there are problems or supply. The farmers are not entrepreneurs; they just want to produce it.	Industry (Monde Nissin)	Region 10 - GIA	
Scalability of projects-programs	As of now, there is a lack of supply of squash. Although the results were good. Our production every day is 50 bags.	Industry (Santiago Fresh Miki Factory)	Region 10 - GIA	
Scalability of projects-programs	That is what we have mentioned before, “who will supply?”. We already have the technology. We can teach it to the farmers, but we cannot supply Monde Nissin the dehydrated carrots even if it meets their standard.	academe (XU)	Region 10 - GIA	
Scalability of projects-programs	Region 10 academe: We were not able to supply the needs of the farmers. We put that in the recommendation in our report. We have to upscale the quantity from the pilot scale; 10x the size. We take in the supply from the farmers, but we also need the capacity sustained. At the same time, the industry has their own needs. XU can only offer processing. The problem is we cannot make an upscale because we are not allowed to sell. This is the policy of the university.	academe (XU)	Region 10 - GIA	

Scalability of projects- programs	In 2018, we decided to close the business but because the Oro Chamber through OROBEST always pursues us, it gave us the hope to continue the business. One of the challenges is to look for a location that we can put up our farm. We have to consider the water supply though we need not a large area. We have three (3) areas that we are considering. Of the three (3) sites, water supply is also a problem, thus we need to construct our water system and it is very costly and spirulina cultivation. We are still waiting for the turn-over from the MSU-Naawan. Hopefully we can catch up with the financial requirement in coming up with the spirulina cultivation.	Industry (GreenPastures)	Region 10 - RIIC		
Supportive admin	In terms of challenges probably continuity. It's more on really a continuous effort in terms of the module collaboration with UPD that was really good	Industry (Vistaland)	HEI GIA UP Diliman	sustained support from all key players	
Product development	HEI73]: From the CVFIC perspective (a project with DOST), it assists the MSMEs in research on product development. We also allow them to use the equipment in the center to test their capability or do research so that the contract research with them will be able to generate new food concepts that are attractive not only at the local but at the foreign market. Assist the DOST in implementing the project, reviewing proposal, the academe uses the facilities.	HEI	Region 7	assists the MSMEs in research on product development	Permission to use Refers to allowing the partner industry to use the technology to generate new concepts that are attractive to the local and foreign market