

ANNEX F

RELEVANCE REGIONAL.1 CRT

1. Relevance

- 1.1 Were the activities conducted by STRIDE relevant to the development priorities and STI needs of key stakeholders at the national, regional, and local levels (e.g., policy support and enabling environment)?

ACTIVITIES CONDUCTED BY STRIDE RELEVANT TO THE DEVELOPMENT PRIORITIES AND STI NEEDS OF KEY STAKEHOLDERS					
CODES	RESPONSES	COUNT	KI	CATEGORY	THEME
Capacity building	The STRIDE KTTO program worked on capacitating individuals in setting up TTOs in universities. As cited by MSU-IIT Vice-Chancellor for Research and Extension, Dr. Jinky B. Bornales, USAID-STRIDE's KTTO program is "instrumental in setting up the kind of manpower a KTTO needs and for providing the Institute the necessary tools to effectively operate the KTTO."	8	NEDA 10	Enhancing the capacity of the key players to do the project.	Overall capacity development Enhancing the capacity of the key players in doing the project through provision of support and other capacity improvement activities
Capacity building	We also held a webinar during the pandemic, sponsored by STRIDE, on the changing market, with the consumer behavior during pandemic. This was held in the year 2020. We proposed that and we get the resource person on the research side. We held it as a national event. The webinar had an attendance of 5,000. We invited the DOST Secretary to give the message. It was more on technical presentation of the changing consumer behavior amidst pandemic		DOST 10		
Capacity building	H: Fine tune the projects that we proposed. It also contributed to the capability building of the DTI and DOST staff, the ideation process. We requested that again this year and in a more detailed manner. So that the staff and even the ARD would know the process. We found it very relevant and supportive.		DOST 10		
Capacity building	When I joined STRIDE, they were more on strengthening capacities only and not much on investing (but I am not so aware)		DOST 7		
Capacity building	H: Fine tune the projects that we proposed. It also contributed to the capability building of the DTI and DOST staff, the ideation process. We requested that again this year and in a more detailed manner. So that the staff and even the ARD would know the process. We found it very relevant and supportive		DOST10		
Capacity building	The Antipolo Institute of Technology owned by the City of Antipolo is into construction provided by the DTI with printer and software on BIM [Building Information Mapping], the only one in the country. The Institute has been partnering with private industry to understand BIM to design building with more precise plans and capacity and more quality. With STRIDE, it now offers a four-year course on construction engineering, the graduates of which will be skilled towards using BIM technology, different from Civil engineering, who are in demand for big companies. The tuition is free for residents of Antipolo.		DTI 4-A		

Capacity building	Among the activities that the STRIDE undertakes to promote collaboration among the government, academe and the industries is facilitating innovation workshops with industries and academe to foster common understanding and collaborative problem-solving.		NEDA 10	
Capacity building	The STRIDE contributed to the following outcome as laid down in Chapter 10 (Accelerating Human Capital Development) of the 2017-2022 Northern Mindanao Development Plan and its Midterm Update: (a) Quality of higher and technical education and research for equity and global competitiveness		NEDA 10	
Technology transfer	Ideation surfaced the gaps in the enterprise can be addressed through research and development. STRIDE look for resource person to package and respond to the needs of the industry. There is an improvement in the process of project proposal preparation. Before, our Local Grants in Aid (LGIA) in local did not allocate any budget for Research and Development. We passed it to the national, PCIEERD, PCARRD, PCHRD, and we took the risk and financed our LGIA. The research proposals came from state universities and colleges both from private and government and we invested on it. There are 15 projects under ideation. In our first year, we funded 4 projects. In the second year, I think we funded another 4 projects. For example, the spirulina conducted by MSU-Naawan. A SETUP project, the GreenPastures, they are making Moringa food supplement with a spirulina. The spirulina is not produced in Mindanao; thus, it is imported. However, through research it was identified that a technology can be developed and look for the protocol that will fit the environment in Mindanao, and we are now in the final stage.	7	DOST 10	Conducting various activities that promote smooth mechanisms of technology transfer
Technology transfer	M: We find it a bit difficult. I still try to have a more bottom line of funded start-ups. With the engagement of USAID-STRIDE they had much knowledge transferred, they trained the technology generators. As validated by the university presidents, we are weak on pitching on the side of the investors. The local investors here in Cagayan de Oro, their interest in investment is aligned with the existing business. It is not common to them that they venture to new technology and innovation. That is one of the objectives in the OROBEST project, is also supported by USAID-STRIDE, to develop a mindset of innovation even at the business sector. We will level-off on what is innovation is all about.		DOST 10	
Technology transfer	Medium: I myself is a facilitator of strategic planning, we find it difficult to facilitate especially to our stakeholders. When the USAID-STRIDE came in, it helped the Oro Chamber to fine tune the strategic direction of OROBEST as one of our projects. We really appreciated the process and additional knowledge. I was also trying to teach my staff to think strategically and to process strategically our projects. We had a low level of response but when STRIDE came, there is a gradual increase of appreciation of strategic planning. We also held a webinar		DOST 10	

Technology transfer	H: Greatest impact is on knowledge creation because of the established guidelines and framework. It has also identified the players in the ecosystem. However, they have not gel to craft specific policy.			DOST 4-A
Technology transfer	Yes, in terms of capacitating the staff. Two activities have been facilitated by STRIDE on innovation. Malaking tulong for most of us particularly in the province about the concept of innovation, how to start, and how to filter which innovation to decide. Considering the short engagement with STRIDE, marami nang natutunan ang staff.			DOST 4-A
Technology transfer	The STRIDE triggered the creation of the Regional Research, Development and Innovation Committee under the RDC-X. The creation of the RRDIC aimed to bridge the gaps and challenges of regional socio-economic development by ensuring researches, innovations and other S&T-based projects are relevant, responsive and aligned to the regional development thrusts. It is in line with one of the strategies indicated in Chapter 14 (Vigorously Pursuing Advancing Science, Technology and Innovation) of 2017-2022 Northern Mindanao Development Plan and its Midterm Update Development, along improving research and innovation productivity, particularly in intensifying the region's research and development. The STRIDE's activity in improving research capacity in science, technology and innovation fields helped operationalized such strategy. For example, MSU-IIT received a research and innovation grant under USAID STRIDE to help the university address challenges in the new normal. The research project focuses on the conversion of waste from coconut oil processing into an economically viable substitute to imported chemicals used in insulating foam production, while also creating a higher-value route for the by-products of the researchers' industry collaborator.			NEDA 10
Technology transfer	The STRIDE helped in developing the Knowledge and Technology Transfer Offices (KTTOs) of institutions of higher learning in Northern Mindanao such MSU-Iligan Institute of Technology (MSU-IIT) and University of Science and Technology of Southern Philippines. The KTTO development program of STRIDE supported the DOST's DOST-PCIEERD two technology transfer programs, namely, (a) Intellectual Property Management Program for Academic Institutions Commercializing Technologies (IMPACT Program), and (b) Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT). The IMPACT Program worked on capacitating Technology Transfer Offices (TTOs) in universities by providing them monetary resources to upscale their TTO initiatives/activities. Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) works on capacitating Technology Business Incubators (TBIs) that were located in universities, to set up and grow start-ups and technologies.			NEDA 10
Collaboration	STRIDE gels BSU, DTI, and RDC. BSU had initial talks with the Batangas Chamber of Commerce and Industry based on my personal knowledge	6		DOST 4A Key players work together for the

Collaboration	They were able to provide the avenue where there will be exchange of knowledge between the academe, government and entrepreneurs would meet and talk about how to collaborate.	DOST 7	development of programs and projects.
Collaboration	The way ILIGANice do its planning is different from the OROBEST. OROBEST is more on the traditional way of strategic planning, in which all stakeholders gather together and has a facilitator. It was a very long process but very well done. ILIGANice did was, since it is led by an academic community, they have their own set of planning modalities, since they have many experts. They came up with six objectives and the stakeholders contribute to every objective. They have their own subgroups and then they have a plenary. After the six (6) groups present their plans, they will have big picture of what the ILIGANice is all about. I find the process innovative. It is different from a traditional strategic planning modality. Iligan Chamber is part of the planning. Iligan Chamber plays a very important role in the whole scheme of things of ILIGANice.	DTI 10	
Collaboration	This morning Sec dela Peña's message during the flag raising ceremony was to develop programs in partnership with the large enterprises. Large enterprises can assist in actively look for innovation; we are looking for start-up innovation. That is one thing that we were asking from STRIDE, it is not yet implemented, that we will be guided on how to develop entrusted fund. That is one lacking here in the innovation ecosystem. The investors are not yet interested. Just lately, we were glad that with the help of STRIDE, through the university we have some pitching with the local cooperatives. The cooperatives got interested on the start-ups. When I was still in the DTI, we were supported by the Netherlands Development Fund/Value (?) on resource innovation for small enterprises. This serves as their business capital. We are trying to revive this as well, with the help of USAID STRIDE, hopefully this will continue. There are many Kagay-anons who would like to invest but they do not want to come in Cagayan de Oro, they just want to manage their funds. We have not received any technical assistance, hopefully we can be helped on this matter. I asked help from Mr Guido Delgado, the former president of NAPOCOR, who happens to be from Cagayan de Oro, and he was also a banker. But he is now enjoying his retirement,	DTI 10	
Collaboration	There are two ongoing collaboration programs in Northern Mindanao, namely: (a) Optimizing Regional Opportunities for Business Excellence through Science, Technology (OROBEST) Innovation Program, and (b) ILIGANiCE (Innovation through Leveraging Industry, Government, Academe Networks and inclusive Community Engagements). These two programs receive technical assistance from USAID through STRIDE in support of the Philippine government's Regional Inclusive Innovation Center (RIIC) initiative.	NEDA 10	
Collaboration	There are two ongoing collaboration programs in Northern Mindanao, namely: (a) Optimizing Regional Opportunities for Business Excellence through Science, Technology (OROBEST) Innovation Program, and (b) ILIGANiCE (Innovation	NEDA 10	

	through Leveraging Industry, Government, Academe Networks and inclusive Community Engagements). These two programs receive technical assistance from USAID through STRIDE in support of the Philippine government's Regional Inclusive Innovation Center (RIIC) initiative.				
Assessment	Conduct policy studies and impact evaluation studies where the recommendations have STI component	3	DOST 4A	conducts policy studies and impact evaluation studies where the recommendations have STI component	
Assessment	Project appraisal, impact evaluation of major projects on infrastructure projects like the Batangas port about its absorptive capacity on handling cargo. Batangas Port is a strategic as gateway not only for the Philippines but also for some Asian countries. There are many adjunct MSMEs industries of the infrastructure projects integrating the start-ups elements. Also, on project appraisal on Shared Facility with DTI.		DTI 10		
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Technical Assistance	M: The STRIDE contributed to the following outcome as laid down in Chapter 10 (Accelerating Human Capital Development) of the 2017-2022 Northern Mindanao Development Plan and its Midterm Update: (a) Quality of higher and technical education and research for equity and global competitiveness	2	NEDA 10	Provision of support for the development of STI and priorities	
Technical Assistance	NEDA as a collaborating agency which provide technical assistance LGUs in enhancing development plans and physical planning, which include STI-related development projects. At the regional line agencies, STI projects are priorities. The regional development report includes Chapter 14 on STI to assess the performance of the industry. This is in collaboration with DTI and DOST and other agencies on performance, challenges and strategies to respond to challenges.		NEDA 4-A		
Linkages	In June 2019, STRIDE signed a memorandum of agreement with the DOST - PCIEERD to enhance the capacity of universities for technology transfer and commercialization through training, funding, and program implementation support.	1	DOST 10	Capacity improvement activities for technology transfer and commercialization for universities.	
Alignment of programs	As mentioned, this aligns with the national strategy of innovation, which is the RIIC program. STRIDE facilitated the activities of the innovation program.	1	DTI 10	Coherence of the national strategy of innovation	Uniform innovation strategy

refers to the strategies for innovation that are aligned to the national innovation programs and strategies.

1.2 What are STRIDE’s unique value propositions that supported improving capacity for innovation of HEI faculty and staff, and of the GIA linkages and national innovation policy development? (I, A, C)?

STRIDE’S UNIQUE VALUE PROPOSITIONS THAT SUPPORTED IMPROVING CAPACITY FOR INNOVATION						
CODES	RESPONSES	COUNT	KI	CATEGORY	THEME	
Benchmarking	Another example, we had a visitor that has a seaweed farm that exports seaweeds to Europe. We had this mindset that if we culture seaweeds, it should be in the sea (sa dagat). In this case, they pipe in sea water. There is the uva variety of seaweed is easy. This one is different. I was asking people here in Mindanao because there is also a variety here, they said that it is not palatable because of the impurities of the sea/environment. When piped in, (sea water), the seaweed became palatable. We call it “lettuce of the sea.”	4	DOST 10	exposed to other innovation programs that led to creating context-specific innovation programs	Introduced to different innovation programs refers to key players that experienced other innovation programs and projects and brought them to their locality.	
Benchmarking	Because STRIDE is focused on innovation for intervention, we focused on the electronics industry which ang DOST ay hindi pa masayadong natingnan eto so malaking tulong eto. STRIDE was able to gather their stakeholders and (we) DOST introduced our programs – yung mga innovation programs. Those programs that are usually for the electronics industry, especially the big ones are usually located in the DOST central office. In the region 7 are small players of the electronics (MSMEs) products which need help, so many other innovations they have done, MEPZ, RIICs is big help. Research to tech no transfer and services.		DOST 7			
Benchmarking	Deeper realization of innovation through the interventions that were given. We visited Israel Innovation Authority together with my DTI and CHED counterparts. What stick to my mind was, the program of the Israel Innovation Authority, they said “Of the total start up projects that they supported, 97% were failure and only 3% are a success.” However, that “3%” is more than enough to compensate the losses that incurred by the “97%”. The example was the Iron Dome, it was used as their defense against missile attacks, it was from a startup program. We need to look for something on innovation. A different one (not just about repayment rate as asked by COA)		DTI 10			

Benchmarking	I see those examples which could be attributed by STRIDE. We brought those ideas of innovation when we came back to the region. We identified the food industry cluster. We are also finding a more innovative ways of attacking innovation in the regions		DTI 10		
Collaboration	I think the major value addition of STRIDE is, it strengthened the convergence of the innovation ecosystem. Through STRIDE, this was the time that the, RIIC program was introduced, under the National Innovation Strategy. As I have said earlier, Cagayan de Oro was one of the pilot centers. This is just in time, both the initiatives of the RIIC and USAID STRIDE was also there through RTI, the conversion initiatives were enhanced. Initially between Cagayan de Oro Chamber for the OROBEST program and also the academe program, the government agencies initially DTI and DOST. This is the very significant contribution of the STRIDE program. Since then, through STRIDE, we have established the local innovation programs; the OROBEST managed by the CDO chamber and supported by the DTI and DOST. Just recently, last week, we just have launched the ILIGANice another local innovation program, but this time geographically located in Iligan City.	3	DTI 10	introducing and developing the collaboration of partners	collaborative actions refers to the participation of all key players in the program
Collaboration	Institutionalized innovation. The RDC [Regional Development Council] resolution step up the innovation intervention by establishing the RIIC in Region 4A. BSU was chosen to implement the RIIC. The relationship between DTI and BSU started during the conduct of the survey for the Cities and Municipalities Competitiveness Index (CMCI) under the Office of Usec Aldaba and also credits the leadership of Dr. Tirso Ronquillo, who on their own did a lot of innovation activities putting into place the innovation ecosystem. This makes it easier to implement programs with an institution working plus the good relationship with DOST, DA, and other regional offices. The initial project of RIIC is on coffee with BSU, Batangas Chamber of Commerce and Industry, and STRIDE.		DTI 4-A		
Collaboration	I think it (RIIC) strengthened our linkage with academe since we already had strong ties with industry. We already have prior relationships with the academe such as fab labs. But now with IBR we do it now with the academe.		DTI 7		
Policy support	I would also like to mention that other initiatives done by STRIDE was on the policy support. As I have mentioned, it was just in time that the RIIC and the STRIDE we on the same phase of implementation. It helped us draw the policy statement with the approval of the RDC.	2	DTI 10	Drawing policies that would enable the development of the program.	policy engagement refers to the policies that were created to enable the development of the program.
Policy support	Establishment of the Regional Inclusive Innovation Center (RICC) as supported by the RDC-X through the passage of RDCX Executive Committee Resolution No. 19 (series of 2019)		NEDA 10		
Financial Assistance	Yes, from DOST. DOST gave funding for OROBEST specifically for the funding for the academe in preparing/packaging of the proposals for the ideation workshop.	1	DOST 10	opened financial support for the program	Financial support refers to mechanisms that opened the

					funds for an activity of the program
Knowledge source	There are implementation guides draft for review from STRIDE. The Assistant Regional Director for Technical Operations and DOST Provincial Head attended the training to discuss the implementation guide.	1	DOST 4A	trained key players for the progress of the program.	capacity building refers to venues that were created to train and discuss mechanisms for the progress of the programs
Strategies	This is still to be realized because the RIIC is still new. The significance of RIIC is its focus on MSMEs. Based on the framework of STRIDE, one output is innovation business recovery for MSMEs is of paramount importance because of pandemic. Recovery strategies are needed to for the MSMEs to operate back on a better footing that before through value adding, to Build Back Better.	1	NEDA 4A	plans need to be reviewed for the benefit of some of the key players as the pandemic is happening	Review of strategies refers to plans that need to be reviewed for the benefit of some of the key players as the pandemic is happening

1.3 What are the challenges and opportunities to foster a robust innovation ecosystem?

CHALLENGES

CHALLENGES FOR NEDA TO FOSTER A ROBUST INNOVATION ECOSYSTEM						
CODES	RESPONSE	COUNT	KI	CATEGORY	THEME	
Collaboration	In a way we got bogged down in discussions. There were a lot of FGDs and discussions, but we got into the nitty gritty organizational details. We can work with industry but sometimes makalimutan yung academe. So, STRIDE really has really made us consider the role of academe since it's easier for us to work with industry.	5	DTI 7	collaboration is affected by differing mandates	Incompatible mandates refers to the policies that are implemented in every organization/institution that will impede the development of the program	
Collaboration	I can do it. I can just run it with the RDC. It is so easy to do but if you really understand how the RDC works it also a very passive thing. Sus resolutions left and right, we have them, but they don't really produce much. It doesn't preclude us from working with each other, but it also doesn't force us. It really will be up to the agencies such as NEDA needing reports.		DTI 7			
Collaboration	I thought of coming up with a program with the understanding of innovation. There are different understandings of innovation. ILIGANiCE was our second RIIC program for Iligan and OROBEST for CDO, we just launched it last June 13 [2021]. The challenge would be the collaboration and cooperation with the other stakeholders in innovation. The DTI, DICT, and CHED will have other mandates and made instruction to focus on innovation program that we want to push. That is one of the challenges because hopefully there will be more resources needed. We would like that DTI can also enhance or add more resources committed to the projects, this is also for CHED and LGU.		DOST 10			
Collaboration	Yes. Yung mga maliliit naman meron din but they develop their own products. Basically, like RIICs because we already know the ecosystem. The difference with RIICs lang is that they brought in their different players.		DTI 7			
Collaboration	How to effectively gather together the academe, industry and government.		NEDA 7		Inadequate resources refers to the insufficient mechanisms that can affect the further development of the program.	
Resources	I was thinking on the idea which I was not yet develop, it was not yet shared. One of the reasons that is making it slow, currently the FOR, the Technology Transfer Act, is institutionalized, we are the ones who will manage on the negotiation on the technology generators and to the investors.	4	DOST 10	Limited access to human, financial, and physical resources and mobility		
Resources	Resources-human resource, capable and qualified persons. Physical facilities to do this. Funding		DOST 7			
Resources	Resources. Una is yung mga human resource, "meron ba tayong capable person"? Next would be the physical facilities, may pera ba tayo? For me, the money is the last of the importance resources since we also have budgets for it. The problem is utilities and facilities.		DOST 7			
Resources	Physical and financing. Physical because of the pandemic restrictions. From the part of DTI, in terms of accessing the services for food innovation center		DTI 10			

	and for FabLaB. There is a reduced processing time, due to the MECQ and GCQ restrictions, and operational limits for these, which is vital.				
Pandemic	Restricting conditions due to the pandemic. There are funds since DOST is transferring funds to MSU-IIT. MSU-IIT is the lead as far as the ILIGANice is concerned. DTI has also funds.	4	DTI 10	inhibiting factors that are caused by the pandemic	Pandemic constraints refers to actions that are hampered because of the pandemic.
Pandemic	Physical and financing. Physical because of the pandemic restrictions. From the part of DTI, in terms of accessing the services for food innovation center and for FabLaB. There is a reduced processing time, due to the MECQ and GCQ restrictions, and operational limits for these, which is vital.		DTI 10		
Pandemic	Challenges are brought about by COVID-19, we are relying more on virtual mode of communication. How can we go down the field, how the [coffee farmers] can be included in the program during the pandemic? The industry will be involving coffee farmers, but it will be a challenge on how to put them on board. Technology is a challenge.		NEDA 4A		
Pandemic	Restricting conditions due to the pandemic. There are funds since DOST is transferring funds to MSU-IIT. MSU-IIT is the lead as far as the ILIGANice is concerned. DTI has also funds.		DTI 10		
Uncoordinated initiatives	RIIC is “walang mukha”, intangible. “Piano magkakaroon ng mukha,” it needs to be sustainable, documented, “maraging initiatives pero kalat” within the region, it is not known whether if an innovation has been done or not unless DTI has been informed. It is Need a tangible RIIC like BSU.	2	DTI 4A	uncoordinated and lack of documentation of activities	Misinformation of activities refers to the mechanisms that led to the uncoordinated and lack of documentation of initiatives
Uncoordinated initiatives	The challenge would be on how to evaluate if there are different strategies?				
Weak STI Culture	Poor appreciation of the youth/students on the value of STI	1	NEDA 10	weak appreciation of some key players in the locality	Poor appreciation refers to the lack of appreciation of the key players in the locality.
Weak STI Culture	Lack of industry champions on creative industries and innovation in the region	1	NEDA 10		

OPPORTUNITIES

OPPORTUNITIES					
CODES	RESPONSE	COUNT	KI	CATEGORY	THEME
Industry engagement/commitment	Active SMEs and industries in the region that are open for innovations and creative ideas, as well as business organizations (e.g., Oro Chamber, Iligan Chamber, PCCI)	6	NEDA 10	the commitment and engagement of the industry to engage in the program	Industry participation this refers to the commitment and engagement of the industry to engage in the program
Industry engagement/commitment	Commitment of the private sector in Cagayan de Oro through OROBEST. That is an opportunity to harness the collaboration. Because it is rare to have that kind of an organization to have a commitment to do advocacy work for innovation. You can see their commitment since this is a voluntary work for them and yet they spend time. You can see their engagements and passion during the discussion. I see that as an opportunity that we need to harness, because then we can truly make waves of intervention if private sector is present. Aside from the academic communities that are present. That is one opportunity, it seems that they got infected with the “innovation virus”. It is easy to effect programs		DTI 10		
Industry engagement/commitment	Commitment of the private sector in Cagayan de Oro through OROBEST. That is an opportunity to harness the collaboration. Because it is rare to have that kind of an organization to have a commitment to do advocacy work for innovation. You can see their commitment since this is a voluntary work for them and yet they spend time. You can see their engagements and passion during the discussion. I see that as an opportunity that we need to harness, because then we can truly make waves of intervention			DTI 10	
Industry engagement/commitment	For example, Cebu we’re positioning ourselves in the creative economy. This is a whole range of staffs from software dev to etc. We’re looking at art and crafts. We’re helping them. UNESCO city of design was actually funded by DTI, so we got that. So that’s the creative environment of STRIDE; start-ups, game development animation, Start-up Islands, PCIIRD			DTI 7	
Industry engagement/commitment	Presence of manufacturing companies engaged in domestic and export goods.			NEDA 7	
Industry engagement/commitment	We have a very dynamic private sector willing to collaborate with the government.			NEDA 7	
Policy	In terms of policy support, we have opportunities there with the recent approval of the Philippine Innovation, this is an initiative that can really promote innovation.	5		DTI 10	Policy development refers to the policies that need to be in place for the innovation programs and activities.
Policy	Come up with a provincial ecosystem, hindi di kahon, everyone has capacity to innovate, there has to be a center for people to visit. In crafting the RIIC resolution, the center of excellence per province was emphasized to spread			DTI 4-A	

	the RICC to the province, cities, and municipalities to become part of the regional network. IF RIIC is BSU, there will be other PIIC [Provincial Inclusive Innovation Center] and CIIC [City Inclusive Innovation Center].				
Policy	The Innovative start-up Act, those are recent and newly enacted laws that would have an impact in facilitating partners. Early this year, the roadmap of the Artificial Intelligence (AI) was launched. Our DTI Secretary reiterated that the Philippines should position itself as an AI hub in this part of the world. We also have the national strategy framework like the IQ Strategy in the head office. These are the policy support agenda that will serve as opportunity for the sustainability innovation program in the region.			DTI 10	
Policy	I am still convinced on the value of start-ups, that is why at the level of DOST the appreciation is more likely strategic and deeper knowledge on start-ups. I am part of the team that drafted the IRR, for the innovative start-up. I want to translate that into operational. I organized my team to develop competence in managing start-ups. The technologies that were developed by universities and colleges, including that of from the DOST, I think it was not popularized. We integrated in the organization was translating the technology jargons that is understandable for business.			DOST 10	
Policy	Approval of RA 11293 “The Philippine Innovation Act” and RA 11337 “Innovative Start Up Act			NEDA 10	
Collaboration	There are existing linkages among the STI related sector. A stronger collaboration between the public and private sectors should be encouraged to address the needs of the private sector by the public sector and vice versa. The need for STI innovations is more pronounced with the industry as compared to government.	5		NEDA 4-A	to encourage better collaboration among partners to address the needs of each key player
Collaboration	Development aid and international cooperation (Japan showed interest in investment in Mindanao, and Australia)			NEDA 4-A	Inter-agency collaboration refers to encourage a stronger collaboration among partners to address the needs of each key players
Collaboration	How to gel Coffee Center R&D Center and RIIC. However, it is also an opportunity for inter SUC collaboration. The exchange on R&D experiences and works can be enhanced. It is more of branding. When it comes to area planted to coffee, Batangas has less than Cavite			DOST 4-A	
Collaboration	Inter SUC collaboration exchange on R&D Enhanced exchange of experiences and works; How to use the knowledge transferred to boost the IE in the region. The focus is on coffee but applicable in other commodities. IE is the perspective in general			DOST4-A	
Collaboration	There are existing linkages among the STI related sector. A stronger collaboration between the public and private sectors should be encouraged to address the needs of the private sector by the public sector and vice versa. The need for STI innovations is more pronounced with the industry as compared to government.			NEDA 4-A	

Resources	Good opportunity for data banking specifically on STI to make the data accessible to public will help the concerned stakeholders to make decisions on what technology to adopt in establishing MSMEs. Many technologies have been developed and promoted by DOST, but the reach is limited.	3	NEDA 4-A	to employ data banking for the public to easily access the technologies that can be adopted as there are a number of very good higher education institutions (HEIs) which can be tapped to become innovation hubs.	establish data banking refers to employ data banking for the public to easily access the technologies that can be adopted as there are several very good higher education institutions (HEIs) that can be tapped to become innovation hubs.
Resources	The difficulty in identifying the proper indicators to measure the effectiveness of the programs and projects can be addressed, of the STI sector. The results matrix of the STI component of the Philippine Development Plan (PDP) needs strengthening. The DOST scoping STI statistics can be adopted and utilized by the region, for better measurement and reporting.		NEDA 4-A		
Resources	There are a number of very good higher education institutions (HEIs) which can be tapped to become innovation hubs.		NEDA 7		
Resources	Good opportunity for data banking specifically on STI to make the data accessible to public will help the concerned stakeholders to make decisions on what technology to adopt in establishing MSMEs. Many technologies have been developed and promoted by DOST, but the reach is limited.		NEDA 4-A		
Understanding of innovation	I am still convinced on the value of start-ups, that is why at the level of DOST the appreciation is more likely strategic and deeper knowledge on start-ups. I am part of the team that drafted the IRR, for the innovative start-up. I want to translate that into operational. I organized my team to develop competence in managing start-ups. The technologies that were developed by universities and colleges, including that of from the DOST, I think it was not popularized. We integrated in the organization was translating the technology jargons that is understandable for business.	3	DOST 10	Key players are convinced and have understood the importance of creating an innovation program in their locality.	Valuing innovation refers to key players who are convinced and have understood the importance of creating an innovation program in their locality
Understanding of innovation	Ang innovation is really a complicated thing. I remember that I had to advocate it. When people say innovation that usually falls on DOST but now it's already understood even within DTI. Innovation is the business of everyone. Innovation is not just this single entity and I had to advocate that. (Advocate innovation; advocate innovation, DOST lang, innovation is the business of everybody)		DTI 7		
Understanding of innovation	The Innovative start- up Act, those are recent and newly enacted laws that would have an impact in facilitating partners. Early this year, the roadmap of the Artificial Intelligence (AI) was launched. Our DTI Secretary reiterated that the Philippines should position itself as an AI hub in this part of the world. We also have the national strategy framework like the IQ Strategy in the head office. These are the policy support agenda that will serve as opportunity for the sustainability innovation program in the region.		DTI 10		