

APEC Project Proposal

Project title and number:	HRD 02 2019A – Regional Industry-Academia Collaboration for Talent Development and Inclusive Growth: Skills Training, Internships, Jobs and Women		
Fund Source: ASF Women and the Economy Sub-Fund			
APEC forum:	HRDWG in collaboration with PPWE		
Proposing APEC economy:	Chinese Taipei		
Co-sponsoring economies:	Indonesia; Mexico; Singapore; New Zealand; Thailand; Malaysia; USA; the Philippines		
Expected Start Date:	May 2020		
Project Completion Date: See Chapter 7 Guidebook on APEC Projects	June 2021		
Project summary: In 150 words - - What is the issue that you will address or examine in your project? - Outline the key things your project will do, in terms of what, where, when and with whom. <i>(Summary must be no longer than the box provided. Cover sheet must fit on one page)</i>	Under the ongoing talent development scheme, the 2020 project extends the 2018 project (HRD 03 2017) for successful implementation of the model to create seamless collaboration between industry and academia. The strategic alliance seeks to provide talent solutions to narrow the skills gap and digital divide. To strengthen the alliance, it is hoped that APEC economies' delegates not merely attend but effectively acquire the essential competencies to enable collaboration in the near future. The 2020 workshop further takes on three new tasks to traverse today's workplace landscape in the APEC region, which are to identify the demands and challenges faced by women, to encourage female participation in non-traditional sectors such as bioengineering, digital technology and sustainable agriculture, and to prepare learners for the technology-enabled/digital economy. To accomplish this, the 2020 project includes forum discussions, workshop demos, and TVET industry tours which, in conjunction with our continuously updated forum website and the developing industry-academia collaboration reference model handbook, will promote and provide skills and opportunities to encourage female empowerment and to help them navigate careers and digital development in order to achieve inclusive economic growth.		
Summary of Proposed Budget (USD) :	APEC funding	Self-funding	Total
	25,000	115,525	140,525

Project Overseer Information and Declaration:

Name: Yun-Hua Yang

Title: Project Director

Organization: Department of Technological and Vocational Education, Ministry of Education

Tel: 886-2-2771-2171 ext. 3907 **E-mail:** yhyang@ntut.edu.tw, acexch@mail.ntut.edu.tw

As Project Overseer and on behalf of the above said Organization, I declare that this submission was prepared in accordance with the **Guidebook on APEC Projects** and any ensuing project will comply with said Guidebook. Failure to do so may result in the BMC denying or revoking funding and/or project approval. I understand that any funds approved are granted on the basis of the information in the document's budget table, in the case of any inconsistencies within the document.

Yun-Hua Yang / May 24, 2019

Name of Project Overseer / Date

Project Details

SECTION A: Project Relevance

1. **Relevance – Benefits to region: What problem does the project seek to address? Does it have sustained benefits for more than one economy?**

Youth employability has been a current concern in APEC region and beyond. The need to address the issue and provide solutions is the primary pursuit for economic stability and growth. To close the gap between academia and industry for APEC region employment, academic-industry collaboration becomes a platform for university and industry to develop critical competences. The current project is a continuation of 2018 Regional Industry-Academia Collaboration for Talent Development: An Exchange of Skills Training, Internships, and Jobs. The integrated endeavors aim to establish a sustainable platform to allow APEC economies to develop models customized by their respective needs.

Since 2017, a total of USD 6.5 million in MOE subsidies has been put towards the implementation of this regional industry-academia collaboration program, and has attracted 5,482 students from the APEC region to participate in the talent cultivation and exchange program (40% female students). This program is our “The New Southbound Talent Development Program” that we have been worked on for 3 years. This program aims to foster bilateral exchange and mutual resources sharing. In the program, we attract outstanding students from the targeted economies to Chinese Taipei for study or research by integrating and expanding grants and scholarships. Students learn at school, and have their internship in related industries so that will be able to get jobs right after their graduation. Many experiences gained through this program and we set up the connections between schools and industries which we would like to share with other member economies.

Two new highlights in the 2020 project are of paramount importance in the APEC region: women in the economy and digital economy. The up-and-coming generations are entitled to a resourceful and tightly-woven system in which exemplary training, gender equality, and superior technology avail them significantly.

- Relevance – Eligibility and Fund Priorities: How does the project a) meet the eligibility criteria and b) support the funding priorities for the nominated fund or sub-fund?**

Participation of women in the education and labor market has historically been low in STEM field. The goal of gender equality, however, can only be achieved when education and training is made accessible to women. Therefore, it is of paramount importance that this project showcases successful female role-models and provides mentoring to remove practical barriers to participation by women. Also, this project will be a capacity building project not only for the students who participate in the Industry-Academia Collaboration Program, but also for the government officials, instructors and business representatives. By enhancing women's skills, promoting leadership and encouraging innovative and technological creativity, this project is closely aligned with the PPWE's five pillars regarding women's economic participation.

- Relevance – Capacity Building: How will the project build the capacity of APEC member economies. For ASF projects, please identify the APEC developing member economies that will benefit from this project. (Refer to capacity building goals, objectives and principles at Appendix K of the Guidebook.)**

This project will build the capacity of all member economies to promote academic-industry collaboration and attempt to close the education gap between universities and industries and further achieve sustainable growth and equitable development in the Asia-Pacific region. Continuing from phase I, phase II will highlight internships, female empowerment and digital economy within the APEC region. Through the workshop hosted in Taipei in July 2020, productive activities for ideas and best practices sharing will demonstrate authentic learning situations and workplace activities in which participating students are immersed. This project is structured to help all participating economies to develop tenable models that are tailored to their economic and societal goals and also to solve existing skills gap in the APEC region.

2. **Objective: State the overall objective of the project in 100 words or less (refer to your Concept Note).**
The key objective of this project is: Strategize seamless network of cross-regional and interdisciplinary collaboration through industry-driven vocational education and training programs that cultivate talents to meet industry demands across economies and to encourage female participation in non-traditional sector.
3. **Alignment - APEC: Describe specific APEC priorities, goals, strategies and/ or statements that the project supports, and explain how the project will contribute to their achievement.**

This project aligns with the APEC Leader Statements of 2016 and 2017 which emphasized gender equality and female empowerment to ensure that women have equal access to quality education and economic resources, to enhance female leadership, entrepreneurship, skills, competencies and digital literacy, to promote female career development, and to strengthen women and girls' access to STEM education and careers. This project also inclines to 2018 and 2019 priorities of improving connectivity, deepening regional economic integration, and promoting inclusive and sustainable growth in the digital society, as well as economic empowerment of women. This proposed project supports the above priorities and statements by structuring a realistic and reliable framework to enable collaboration in emerging digital economies. It is expected to achieve the goals of fostering an educated and skilled workforce that meets the needs of industry, narrows the skills gap and hence attains APEC's goals of prosperity and sustainability, while also closing the digital divide which prevents women from fully participating in trade, and encourage economies to collect and use data about the extent of gender equality within the workplace.

Alignment – Forum: How does the project align with your forum's work plan/ strategic plan?

It is the goal of HRDWG's Education Network to promote social, individual, economic, and sustainable development in the APEC region through education. This project is also aligned with the education priorities of APEC, one of which is Technical and Vocational Education and Training (TVET) for the achievement of 21st century competencies and skills, as well as the 2019-2021 PPWE strategic plan. To keep project activities on track with the 2019 HRDWG goals and to support the five pillars of PPWE strategic plan, connectivity, and increased female engagement in education and workforce will be accentuated by highlighting activities and discussions to inspire and empower participants to take relevant action in their economies. In addition, this project also supports women participation in non-traditional sectors such as bioengineering, digital technology and sustainable agriculture. Specifically, this proposed project aims to establish a network for exchange and sharing of information and best practices regarding the design of industry-driven vocational and technological programs, which will cultivate a workforce with skills that match the needs of the industry, thereby narrowing the skills gap and digital divide for the enhancement of APEC prosperity and sustainability.

SECTION B: Project Impact

4. **Outputs:** Using a numbered list in chronological sequence, identify the key products or services that will happen during the implementation of your project in support of the outcomes. This may include workshops, reports, analytical inputs, research work, recommendations, best practice guidelines, action plans, websites etc. Be brief but describe key parameters, like purpose, duration, location, expected scope and scale, timelines etc.

This project will produce three main outputs: i) A website, caching all forum and field visit information and allowing ongoing engagement and collaboration of participants, ii) Forums, in which participants and participating industry leaders share knowledge, and iii) educational/field visits, in which participants will see firsthand exemplars of best-practice in various industries. More specifically, these outputs will be:

1. **Project Website:** To provide necessary information to prospective participants and to further enhance partnerships among APEC member economies, a website will be created and maintained by the project overseer. This website will remain active for another 1 year following the completion of the project. Primary website content will be necessary pre-forum information for arriving and future participants, educational/field visit schedules and preparation information, as well as reports of activities once they have completed. The website will also maintain reports of best practice, new ideas and program directions, new initiatives proposed by participants, educators, and experts in the field. This website will be a standalone website dedicated for the project, and the APEC Satellite Website Review Request Form will be submitted before starting work on the website.
2. **Forum:** A 2.5-days forum will be organized for this project. In the morning of the first day, 2 keynote speeches will be arranged. One of the topic will focus on the TVET in Chinese Taipei which will give all the other member economies a clear view of how we run the TVET policy and its development. The other keynote might address the most critical talent development issue in APEC region. Knowledge sharing session goes on in the afternoon in which presentations will be made by member economies regarding to their skills training, accessibility to internships and jobs in digital healthcare and engineering, with a special emphasis on women involvement. Panel discussions will be arranged on the second and third day. Participants will be divided into different groups based on their interests and backgrounds, i.e. policy making, curriculum planning, digital healthcare or engineering. At this point, we have not yet been able to specify the exact topics, however, the general topic areas have been make clear which will include 1) healthcare talent demand, 2) engineering education cultivation. In these two domains, female involvement will be high-lighted. Specific Topics will be

provided to economies while sending out invitation. The forum will be an information session which will address pressing needs for regional collaboration in order to establish a regional talent value chain allowing for innovation, competitiveness, and growth of participating member economies.

Educational/Field Visit: on-site visits to participating industry and academic institutions within Chinese Taipei will take place in the afternoon of the second day, and will provide participants with vital opportunities to see in real life models of practice exemplars. Opportunities will be provided for participants to not only observe, but also interact with workers and administration, allowing for further transfer of experiences and insight giving context to the theoretical frameworks and strategies discussed in the forum. Targeted academic/industry sectors like Chang Gung Health and Culture Village where students from Chang Gung University of Science and Technology do their internship. At the Village, participants can realize how school and industry cooperate with each other to develop talents and also or companies in the engineering or digital healthcare field.

Tentative workshop agenda:

Day 1	Day 2	Day 3
Opening		
Keynote 1 <i>TVET in Chinese Taipei</i>	Parallel Session I	Parallel Session II
Keynote 2 <i>Critical Talent Development Issue in APEC Region</i>		
Lunch	Lunch	Lunch
Experiences sharing among member economies	Academic Visit	Conclusion
Welcome Dinner		Closing

- Event Video: A recap video will be compiled, edited, and completed, including photos and videos taken during the 3-day event, as well as the feedback and takeaway messages from each member economy representative who participated in the forum. This video will be made by self-fund, and it will be used as a record of the workshop. Before the video is made, we will get authorization from participants for privacy concerns.
- Evaluation: Right after the Workshop, we will deliver an evaluation will be sent to the participants in order to know what the participants learn during the event, if the workshop meet their needs and what can we do better for the next project. 4 months after the workshop, another evaluation will also be sent to the participated delegates. We would like to know if delegates work with the knowledge they learned during the workshop to make better education policy, academia-industry collaboration program or create women empowerment environment. Also, we would like to know if they keep connected with participants from other member economies and set up cooperation. We expect member economies can have fully discussion during the workshop for their challenges and advantages, so to figure out methods for better practice, and then economies could build connection with each other, school with school or even better at government level for exchange program or other practical TVE system plan.

5. Project Report: In this report, we will summarize the result of the workshop, including the PPT of each presentation plus a summary of each speech, site visit information, and most important is the record of the delegates' discussion during the parallel sessions and some suggested plans for the future if applicable. PO will collect data of the "New Southbound Talent Development Program" model which runs for the past few years and which is also the foundation of this project and state in the report. In addition, the 1st evaluation data will be included. The length of this report is about 50 pages and it should be useful for member economies who wish to develop more on the academia-industry collaboration. This report will not be a APEC Publication.

5. **Outcomes:** Using a numbered list, describe the specific impacts, changes or benefits that the project is expected to deliver, which directly support the project objective (above). These include changes in policy, processes, or behaviour in the participating institutions, or in APEC more broadly. Be sure that each outcome can be measured and is a direct result of the project.

Under the ongoing talent development scheme, the 2020 project extends the 2018 project for successful implementation of the "The New Southbound Talent Development Program" model to create seamless collaboration between industry and academia. We expect the project with the following outcomes to support the objectives directly:

1. Participating economies and delegates obtain thorough and insightful understanding of how to be viable and productive in their own respective economies. We expected economies will be capable to catch the experiences from other economies which are useful of their own.
2. Participating economies and delegates understand and help other member economies by establishing collaborative networks of across industries and borders. We were lack of concrete examples that this outcome was achieved in Phase 1, thus we would like to put more emphasis on it again this year. Through the detailed discussion during the workshop, we wish economies will be able to fully understand each other's pros and cons, and so realize how to help or cooperate with each other. PO will keep contact with participating economies to follow up whether the linkage is built, and with the second survey conducted, we will be able to know if this outcome achieved.
3. Provide theoretical information and help participants construct ideas of best practice and innovative industry needs, while the visits to industry and academic partners will allow for tangible on-site experiential education and opportunities to dialogue with partners.
4. Participants can take home substantive knowledge and experiences which they can put into action in their home economies through topical discussions, exemplary models of practice, reconsideration of current training and new training schemes which we will be given during the workshop.
5. Establishing network with the delegates of member economies who participated the proposed event, allowing for the continuous push for changes, reforms and improvements. We wish to connect participants with regular contact and also encourage them to collaborate with each other. The project overseer will work on the network and hopefully network will be able to maintain its influence among member economies for long-term cooperation.

A project report for this project will be developed to collect information about the forum achievements and outcomes, and measure these against the project.

6. **Beneficiaries:** Who are the direct project participants and users of the outputs? Describe their qualifications, level of expertise, roles/level of responsibility, gender, economies represented, government departments, APEC fora involvement etc. Explain how they will use and benefit from the project. Who else will benefit from the project and how?

Workshop participants (High- or mid-level government officials working in the areas of technological and vocational education or University president/dean/representatives working in industry-academia cooperation, talent development and skills training, and talent mobility), especially females will be the direct beneficiaries of the project, as they will deepen their understanding of how collaboration between technological universities and companies is conducted in different fields of work. Female participants from all APEC economies will also directly benefit from the project in regards to its nature and focus on female education accessibility, skills training and economic engagement. Indirectly benefiting from the workshop will be the policy makers of each participating economy, as the delegates share with them what they have seen and heard at the workshop. This should catalyze adjustments in the design of technological education to include some form of collaboration between academia and industries, which will be beneficial to students' skills development, human resources development, as well as

SME and economic development. Chinese Taipei will also benefit from the feedback and sharing of participating delegates regarding their own best practices.

7. **Dissemination:** Describe plans to disseminate results and/or outputs of the project, including:
- The number, form and content of any publications. (Note: electronic publication is preferred. APEC will not fund publications that are only presentation slides, or website maintenance)
 - The target audience.
 - Any intention to sell outputs arising from this project.

To ensure effective and efficient dissemination of information, all materials (including videos via link provided), content (including forum agenda and relative presentation slides), and results (including questionnaires and discussion result) produced will be sent to all registered participants individually, as well as to all APEC coordinating offices, such as Ministry of Education or Ministry of Labor, in participating member economies, as well as to all current partners and prospective partnering schools and businesses. Further, the above-mentioned documents and videos will be included in a project report and uploaded onto the forum website for participants to refer to and disseminated among related APEC fora. In addition, all inquiries and requests will be duly attended to; with this, information can be carried over and disseminated through the website to inform more enthusiasts of future engagement. The website will be maintained by the project overseer for another one year after the completion of the project.

8. **Gender:** What steps will the project take to ensure the participation and engagement of both men and women in project activities? How do the project outcomes and the project objective benefit women?

According to APEC's measures of female participation in economic-related activities and women's inclusion in several aspects of life (The 2017 Women and the Economy Dashboard), although there are some positive findings for wider participation of women in the economy for the past few years, some difficulties still existed, for example, discrimination still persists in specific sectors in a number of APEC economies, as women cannot work in the same way as men do, i.e. in the construction sector or factories. Also, participation of women in science, technology, engineering and mathematics remains low, etc. This project will strive to lessen the gender inequality by showcasing successful female role-models and providing mentoring to remove practical barriers to participation by women. The director of the Working Group of International Development in TVET, the organizer of this project, is a tenured female university professor. In addition, the Director General in Department of Technological and Vocational Education of the Ministry of Education in Chinese Taipei is also female. The project is directed by women, with a staff of both women and men working together to ensure the project's success. Female representation in this project is visible and significant to lay the groundwork to further gender equality, and we aim to maintain and promote this gender equality in the selection of participants, leaders, and speakers throughout the entire proposed program. An integral part of the project is to achieve our goals with and by balanced views, addressing issues and challenges with the equal consideration of female contribution and efforts. To demonstrate how women can succeed in economies across the region, female leaders from the public and private sector will be invited to join conversations with delegates and participants, and senior and female executive managers from the field industries will share their experiences emphasizing how they overcame, and continue to overcome barriers to reach the success they have achieved today. Also, while in training female students will be introduced to the educational/field visits to engage in dialogues with schools and businesses in order for their voices to be heard and their needs addressed and met. The organizer plans to mobilize resources and networking efforts to involve more women in all events planned. In Chinese Taipei, we can find quite a lot of successful female leaders and experts who are eager to pass down their professional experiences to guide the younger generation of women. Therefore, the organizer is confident that no less than 50% of the participants, professionals and experts invited are women to ensure effective female engagement. To this end, this project is actively encouraging more female engagement by dedicating special sessions to female professionals and leaders as well as inviting more female delegates and participants to attend the events.

This project will address Skills, Capacity Building, Innovation and Technology through the implementation of its outputs.

SECTION C: Project Effectiveness

9. **Work plan:** Produce a project plan in a table with three columns titled 'Time', 'Tasks' and 'Deliverables' which indicate timelines, outputs and activities, and supporting tasks. Ensure you include:
- Creation of items like agenda, participant lists, project reporting and evaluations.
 - How other economies and other parties (like contractors) will be involved.
 - Procurement steps, contractor related milestones and deliverables.

Time	Tasks	Deliverables
Sep 2020	Generating activity agenda / Booking forum venue	The project overseer and project assistants will work closely with the participating speakers, universities, industries and government officials to discuss and finalize the content, details and agenda of the forum. In addition, the booking procedure for the forum venue will be completed at this stage.
Oct 2020	Setting up a website to promote industry-driven TVET programs implemented in Chinese Taipei	A website dedicated to this forum will be set up to promote industry-driven TVET programs implemented in Chinese Taipei to increase public understanding. The related information, such as policies, activities, news reports, interviews from different perspectives, etc., will be frequently updated on to this website as a point of reference for member economies and others who are interested in the programs, as well as the forum.
1 Oct 2020	Submit the APEC Project Monitoring Report to APEC Secretariat	APEC Project Monitoring Report
Jan 2021	Sending out invitation to member economies	An invitation to the forum including the topic, a brief introduction, and time and date will be distributed to all APEC member economies. In addition, we will try to reach some interested delegates from our office in each member economy under the Ministry of Foreign Affairs.
Feb 2021	Invite speakers	Project overseer will send out invitations to experts from different member economies who work in the related fields to present keynote speeches at the forum in regard to the topics of the TVET programs, industrial-academia collaboration projects and talent cultivation work plan implemented in their economies.
Late Feb 2021	Generating participant list	After collecting nominations from economies, the final participant list will be generated.
Apr 2021	Holding the proposed events/Survey Conducted	The forum will be organized for this project. Survey will be made right after the event to collect feedback from participants.
Late Apr 2021	Sending post-activity questionnaires to participants	A follow-up online questionnaire will be sent out to the participants from member economies to inquire as to the impact of this forum and to seek further suggestions and cooperative possibilities.
Late Apr 2021	Editing event video	A recap video will be compiled, edited, and completed, including photos and videos taken during the 3-day event, as well as the feedback and takeaway messages from each member economy representative who participated in the forum.
1 May 2021	Project Report	A project report will be drafted, circulated, completed and submitted to the APEC Secretariat.

Time	Tasks	Deliverables
June 2021	2 nd Survey	2 nd survey will be conducted to assess project success and how this project reinforce regional cooperation among APEC economies. It will help the project organizers better understand the quality and the impact of the project.
Aug 2021	Submit the APEC Project Completion Report to APEC Secretariat	APEC Project Completion Report
Jun 2022	Long Term Evaluation Participation	Participation in the Long Term Evaluation of APEC Projects conducted by the Secretariat, as required by all APEC funded projects.

10. **Risks:** What risks could impact project implementation and how will they be managed?

1. Low rate of participation from member economies: The rate of participation may turn out to be low if issues addressed in this workshop do not correspond to the needs and interests of member economies or because of budgetary limits of individual economy or even because of the worse COVID-19 situation. To manage the risk, this project will incorporate members' advice and opinions on the agenda and communicate closely with interested economies on financing their trip. Also, if COVID-19 getting worse, workshop might need to be postponed to September or even late 2020.
2. Lack of focus in the targeting of participant groups: To manage the risk, this project will carefully design the theme for each session in the workshop and make it clear when sending invitations to member economies.
3. Low quality of Project Report (outcomes): This might affect the closing of the project and also the future fund applying. To manage the risk, PO need to plan at the first beginning of the project on what to present in the report and monitor from time to time if every step is on the track so there will be sufficient materials for the report.
4. Delayed communication from the PO during implementation: This may delay the expected event holding dates, and to manage this risk, PO will catch up the speed of communication with APEC related person.

11. **Monitoring and Evaluation:** The project's success will be measured by the extent to which it has delivered all its planned outcomes, in support of the overall objective of the project. Describe the measures or indicators will you use to monitor the progress of your project, and evaluate if it has delivered all the outcomes.

- Describe the measures/indicators you will use to measure your project's outputs (e.g. event participation rates, speakers engaged, recommendations made, reports distributed, etc.)
- Describe the measures/indicators you will use to assess if you have achieved your outcomes (e.g. quantitative and qualitative measures of impact, evidence of change, stakeholder feedback, etc. Tip: consider surveying participants at start *and* end of project to measure the scale of impact)
- How will gender impacts be measured? Ensure you collect sex-disaggregated data.
- How will you collect your data (e.g. surveys, meetings, interviews, peer review, records review)?

This project aims to address education skills gaps existing throughout the APEC region and promote gender equality. It is anticipated to draw 26 delegates from APEC member economies (10 from the travel-eligible economies) and 180 local participants to participate in this event. Among these participants, we are expecting the female participation rate to be approximately 50%; that is, 13 delegates from APEC economies and 90 local participants of this event will be female. Target participants will be government policy makers, senior officers from schools and people who are interested in academia-industry collaboration program design in research institute. 2 follow-up surveys, one at the event conclusion and another 4 months later, will be conducted to assess project success and how this project reinforce regional cooperation among APEC economies. These will help the project organizers better understand the quality and the impact of the project. Furthermore, the official website will also be dedicated to the use of more on-going interactions for feedback, support and recommendations, and the website hits are estimated to reach over 500 by the project completion date.

Last but not least, gender equality will be a key consideration in order to ensure that no less than 50% of the participants, speakers, professionals and experts invited are women to promote effective engagement of different genders.

12. **Linkages:** Describe the involvement of other APEC fora, and other relevant organizations. Include:
- **Engagement:** How are you engaging other relevant groups within and outside APEC?
 - **Previous work:** How does this project build on, and avoid duplication of, previous or ongoing APEC initiatives, or those of other organizations working in this area?
 - **APEC's comparative advantage:** Why is APEC the best sources of funds for this project?
- This 2020 workshop will further discuss the strategic development of opportunities for women in education and the workforce, therefore, the cross fora collaboration will include HRDWG as well as PPWE within the APEC framework. On the planning stage, we will discuss the parallel session topics with PPWE, and also invite PPWE representative(s) to the workshop for further engagement. APEC is the one of the most diverse forum for regional cooperation. In terms of gender, Asia-Pacific is the most dynamic region where women are contributing significantly in the fast-growing economy. Therefore, APEC will be the best sources for funding this project to address the common interest and challenges shared in this region.

We find out many of the APEC projects focus on women empowerment issues, yet less targeted on academia-industry collaboration development in above said fields.

SECTION D: Project Sustainability

13. **Sustainability:** Describe how the project will continue to have impact after the APEC funding is finished.
- How will beneficiaries be supported to carry forward the results and lessons from the project?
 - After project completion, what are the possible next steps to build on its outputs and outcomes? How will you try to ensure these future actions will take place? How will next steps be tracked? How will progress on the outcomes (Question 5) be measured?
1. This project will create the opportunities for APEC and non-APEC fora to build further partnership in the areas of gender and digital economy.
 2. The conclusion and recommendations of the workshop will be compiled and disseminated in both HRDWG and PPWE, and will be encouraged to be further used as a means for future actions to establish the respective mechanism and framework under their responsibilities.
 3. We would encourage workshop experts and participants, as well as the economic representatives of HRDWG and PPWE, to provide feedback on the progress of women's empowerment in their education fields.
 4. Encourage a collaborative network between participants to enable future information exchange and development of the work.
14. **Project Overseers:** Who will manage the project? This includes managing of contractors and specialists. Please include brief details of the PO and any other main point(s) of contact responsible for this project. The project is planned, organized and hosted by the Working Group of International Development in Technological and Vocational Education in Chinese Taipei, commissioned by the Ministry of Education.

Two departments in the Ministry of Education help coordinate the many tasks to make the project a success. Department of Technological and Vocational Education primarily funds the working group and the project, whereas the Department of International Cooperation serves as the contact channel for all necessary promotions and information distribution. With the support of the government, the project also appeals to universities and industry partners to engage in affiliated programs of collaborative skills trainings. In addition, the foundation and partnerships built with many of the APEC economies allows the project to look into a number of exemplary models of practices. The Working Group being adequately staffed, with sufficient expertise required to execute forum events, can deliver planned outcomes to meet the expectations of APEC and all participating member economies.

Main Contact person will be:
Prof. Yun-Hua Yang,
Chairperson
Department of English
National Taipei University of Technology

Education

- PhD in Bilingual Education, Texas A&M University

Research Interests

- ESL Reading Research
- Second Language Acquisition
- Bilingual Education
- Business English / Journalistic English / ESP
- Public Speaking and Communication

Working Experience

- Project Director, Working Group to Internationalize Technological/ Vocational Education in MOE
- Chief Officer of Public Relations Section, The Secretariat Office, National Taipei University of Technology
- Chairperson, Department of English, National Taipei University of Technology
- Section Chief of Publication Division, Office of Academic Affairs, National Taipei University of Technology

SECTION E: Project Efficiency

15. **Budget:** Complete the budget and budget notes for the project in the template below. The budget should include calculation assumptions (e.g., unit costs) and self-funding contributions. Please consult the *Guidebook on APEC Projects* for eligible expenses.

APEC Project Itemized Budget

Please consult the eligible expenses in the *Guidebook on APEC Projects*

<u>All Figures in USD</u>	# of Units	Unit Rate	APEC Funding	Self-Funding	Notes
Direct Labour					
Speaker's honorarium (government officials ineligible)	(# of speakers)	134		1,340	
Short-term clerical fees (please provide details of scope of work and deliverables in Budget Note 1 - Direct Labour)	(# of hours)				
Contractor fees (contractors Secretary's fees to be included in cost and packaged together)	(# of hours)	10		4,800	

<u>All Figures in USD</u>	# of Units	Unit Rate	APEC Funding	Self-Funding	Notes
Travel for Experts/Speakers/Researchers					
Per diem (incl. accommodation and “75% additional payment”)	(# of persons and days)				The APEC delegates will not be given additional per diem since all the related expenses during their stay in Chinese Taipei will be paid by the organizer.
Airfare	(# of persons and trips)			15,625	6 speakers for Day 1 and 3 speakers for Day 2 from travel-eligible APEC economies.
Travel for Participants (from travel-eligible economies only. Active participants only)					
Per diem (incl. accommodations and “75% additional payment”)	(# of persons and days)				The APEC delegates will not be given additional per diem since all the related expenses during their stay in Chinese Taipei will be paid by the organizer.
Airfare (<i>restricted economy class</i>)	(# of persons and trips)		25,000	28,125	11 APEC delegates from 11 travel-eligible APEC economies. 15 APEC delegates from other member economies.
Other items					
Publication/distribution of report	(# of copies)				
Specialized equipment or materials (<i>please describe</i>)	(type, #, and # of days)				
Photocopying	(# of copies)	40		10,000	
Communications (telephone, fax, mail, courier)					
<i>Hosting</i> (provide breakdown, e.g., room rental, stationery)	(units as appropriate)			50,635	Including meals, accommodation fee, local travel expenses and venue rental fee
<i>Others</i>				5,000	Website design and construction fee;

<u>All Figures in USD</u>	# of Units	Unit Rate	APEC Funding	Self-Funding	Notes
					welcome gifts to the delegates and local participants; insurance fee, etc.
Total:			25,000	115,525	

Budget Note 1: Direct Labour: Provide information for APEC-funded positions including general duties, total hours and who will be contracted, if known. (It is not acceptable to contract staff from your own organization or government employees.)

Budget Note 2: Waivers: Provide details of any requests for waivers from the normal APEC financial rules, with justifications in the notes column of the budget table, or below if the waiver requires a detailed explanation.

The 2.5-day educational/field visits proposed in this project are aimed for showcasing best practices in terms of regional industry-academia collaboration models implemented in Chinese Taipei. Visits to industry and/or academia sites not only allow participants to witness this programs in actions and how participated students are trained, but they can also interact with trainers, teachers and students on site and get immediate feedbacks to their questions and inquiry towards this collaborative models.