

# -----+ Appendix B

## APEC Project Proposal

*Please submit through relevant APEC Secretariat Program Director.  
Proposals must be no longer than 12 pages, including budget and title page.*

<b>Project title and number:</b>	<b>The STI contribution to policy making on natural disaster resilience: better STI, better resilience, better competitiveness.</b>
<b>Source of funds (Select one):</b>	<input checked="checked" type="checkbox"/> X General Project Account <input type="checkbox"/> TILF Special Account <input type="checkbox"/> APEC Support Fund
<b>APEC forum:</b>	Policy Partnership on Science, Technology and Innovation (PPSTI)
<b>Proposing APEC economy:</b>	Chile
<b>Co-sponsoring economies:</b>	China and Mexico
<b>Expected start date:</b>	Jan 2018
<b>Expected completion date:</b>	Dec 2018
<b>Project summary:</b>  <b>Describe the project in under 150 words.</b> <b>Your summary should include the project topic, goals, planned activities, timing and location:</b>  <i>(Summary must be no longer than the box provided. Cover sheet must fit on one page)</i>	<p>Chile is proposing an initiative to foster a policy partnership ecosystem in APEC economies that aims to put STI-based evidence at the heart of policy and practice to improve the resilience on disaster of natural origin.</p> <p>Government policy is a major factor in driving preparedness and resilience to better cope with disasters of natural origin in order to mitigate the impacts vis-à-vis domestic innovation and economic development. Governments' policies also play a vital role in creating the conditions for a functioning ecosystem in which collaboration between science and businesses may flourish. In this project, Policy makers and stakeholders from APEC economies will identify their major challenges regarding the contribution that STI can make to the policy making process on natural disaster resilience.</p> <p>This initiative is intended to contribute to the development of more resilient economies by means of supporting new research and innovation capabilities vis-à-vis the response and preparation of the people to better face the effects of the hazards of natural origin. It will analyze what policies governments have developed to support the decision-making process for natural disasters resilience based upon scientific evidence. This action will explore how to fully engage stakeholders and researchers in domestic policy-making process facing natural disasters preparedness, management and resilience.</p> <p>Activities include:</p> <ul style="list-style-type: none"> <li>i) Survey and analyze the capacities of APEC economies' ecosystem for natural disasters resilience; and</li> <li>ii) A 2-day meeting with several stakeholders to organize the survey, share experiences and elaborate an integrated set of recommendations presenting specific tasks on how to close the gap about knowledge and management of a limited number of natural disasters.</li> </ul>

Summary of Proposed Budget (USD) :	APEC funding	Self-funding	Total
	95.000	~24.000	119.000

**Project Overseer Information and Declaration:**

**Name:** Mr Pedro Figueroa

**Title:** Coordinator

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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.

Name of Project Overseer: Pedro Figueroa. / Date October 2017

## Project Details

**Please answer each question succinctly. Suggested section lengths are provided as a guide.**  
**Proposals must be no longer than 12 pages, including budget and title page.**

### SECTION A: Relevance to APEC

*[Answers to questions 1–3 may be taken or adapted from the Concept Note]*

1. **Relevance:** What problem or opportunity will the project address and why is it important? How will the project benefit APEC members and the region? Which Rank on this year's *APEC Funding Criteria* does this project fall under? Briefly explain why. Is it also linked to other Ranks? If so, which topics and how? [ $\frac{1}{2}$  page]

Most APEC economies are often stroke by disasters of natural origin (i.a. earthquakes, landslides, mudflow, forest fires, and volcanos eruptions). The natural phenomena related to the 'Ring of Fire' frequently impact on the growth and competitiveness of the economies across the Pacific Ocean. Governments need to create an ecosystem enabling the generation of knowledge and technology in order to mitigate the impact to the population, the economy and the development caused by any natural catastrophe. This project aims to create an ecosystem among APEC economies supporting the connections between policy-making on natural disaster resilience and the contribution thereto provided by science, technology and innovation (STI), connections that are often deficient in the less-developed economies of APEC.

As a result of a mutual learning exercise among stakeholders from both developed and developing APEC economies, this initiative will make a contribution to the policy making process on natural disaster resilience based upon STI evidence via the provision of a set of recommendations promoting thus the collaboration among research, industry and government. This set of recommendations will therefore boost APEC economic integration; support competitiveness and innovation in APEC economies by a better preparedness and resilience policies to cope with disasters of natural origin. The main benefit of this initiative will be the improvement and consolidation of new R&I capacities providing more efficient responses via the identification and understanding of the factors interceding in the societal risks unleashed by any disaster of natural origin.

The project mainly responds to Rank 1, as it contributes to Emergency preparedness and disaster management, including activities relating to the efficient movement of capital, goods, services and people as well as the implementation of the APEC Disaster Risk Reduction Framework. It also fits Rank 2 given that it facilitates the science, technology and ICT approaches on disaster preparedness, risk reduction, response and post-disaster recovery and cooperation in search and rescue. This project also relates to Rank 1 Connectivity Blueprint, since the ecosystem it aims to establish will enhance institutional connection of members, especially in direct benefits for developing economies.

Fora Alignment: This project aligns with the PPSTI Strategic Plan 2016-2025 insofar it will make a significant contribution to driving economic growth by advancing science, technology and innovation issues that matter to government and non-government players and that are at the heart of economic prosperity. Natural Disaster is PPSTI 2017 annual priority.

In addition, this project directly links to Vietnam 2017's priority for APEC: (i) fostering sustainable, innovative and inclusive growth. This project has clear and achievable goals, well-targeted methodology, sufficient budget, and expected outcomes

2. **Objectives: Describe the 2-3 key objectives of the project. (e.g. to ensure workshop participants will be able to...; to create a framework...; to develop recommendations...; to build support...; to revise strategies...; to create an action plan; ...improve capacity in; etc.)** [*¼ page*]

Taking into consideration that this proposal focuses in the organization of one event and one set of recommendations, the main objectives foreseen are:

\*To improve capacity of for APEC member developing economies in natural disaster resilience policy making, by means of holding one event and exchange of best practices and case-studies with developed economies focusing on science, innovation and development.

\*To develop a set of recommendations for policy-makers of APEC economies aiming to encourage and to support the implementation of well-targeted policies on preparedness for natural hazards based on the results of science, technology and innovation.

\*To encourage strong and long-lasting collaborations across APEC economies, in order to address common problems related to resilience for disasters of natural origin. This partnership aims thus to support APEC economies to better develop policies on natural disaster resilience (eg. new joint proposed APEC projects, co-endorsed by EPWG, in policy making on natural disaster resilience).

3. **Alignment: Describe specific APEC priorities, goals, strategies, workplans and statements that the project supports, and explain how the project will help achieve them. Explain how it is aligned with your forum's workplan / strategic plan.** [*less than ½ page*]
4. **Alignment with APEC:** This project is directly aligned with RAASR (Renewed APEC Agenda for Structural Reform 2016-2020) insofar it makes a contribution to its third pillar: sustainable social policies that promote the RAASR objectives, enhance economic resiliency, and are well-targeted, effective and non-discriminatory.

This proposal also fits the following APEC criteria:

\*Cooperation on education, skills development, science and technology and capacity building.

\*Emergency preparedness and disaster management, including activities relating to the efficient movement of capital, goods, services and people as well as the implementation of the APEC Disaster Risk Reduction Framework.

\*Building sustainable and resilient communities.

\*Strengthening growth security through disaster risk reduction to enhance resilience against natural calamities.

\*Science and technology and ICT approaches in disaster preparedness, risk reduction, response and post-disaster recovery and cooperation in search and rescue.

\*Promoting regional economic integration via food security, including food production, processing, supply chain and trade and safety, sustainable and climate resilient agriculture and fisheries.

The present initiative will produce a set of recommendations which will support the APEC region to better elaborate evidence-based policies aiming to build up more resilient economies vis-à-vis disasters of natural origin in APEC.

Alignment with APEC's PPSTI strategic plan: The Policy Partnership on Science, Technology and Innovation (PPSTI) seeks to intensify cooperation among the relevant stakeholders - government, private sector and academia. It is intended to engage these actors in joint scientific research and in the technology inception, dissemination and commercialization cycle, with both its competitive commercial sectors and non-profit elements. According to its objectives, this project promotes sustainable growth through enabling an ecosystem for regional cooperation and human resource exchange, all related to STI-based policies on resilience for disaster of natural origin. This project also strengthens the synergy of government, academia and industry within several APEC fora.

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5. **For TILF Special Account applications: Briefly describe how the project will contribute to APEC trade and investment liberalization and facilitation with reference to specific parts of the Osaka Action Agenda (Part 1, Section C and, where appropriate, Part 2).**

**For APEC Support Fund applications: Briefly describe how the project will support the capacity building needs of APEC *developing economies*, and how they will be engaged. [¼ page]**

### ***SECTION B: Project Impact***

6. **Outputs: Describe products or services that the project will create. This may include workshop, reports, tools, research papers, recommendations, best practices, action plans etc. [½ to ¾ page]**

This project's workplan has been designed to pave the way for sustainable impact. This proposal will be in a very good position to provide value-added differentiated outputs of non-commercial use. The following set of actions will generate non-commercial oriented outputs primarily focused on knowledge exchange and good practices to enhance APEC dialogues and partnerships in resilience policy-making based upon scientific evidence. The main expected outputs of the project are the following:

- one event will host lectures from prominent scientists, practitioners, industry and policy-makers on this portfolio aiming to enhance the knowledge of all participants. Discussions will be held about the practical application of STI endeavors on natural hazards, and experiences shared on implementation of policy recommendations with special emphasis on capacity-building on developing economies (eg.1. Resilience of communities and crucial lines. 2. Methodologies and models for the understanding of threatening phenomena. 3. Design and implementation of monitoring and warning systems). This is to be a 2-day meeting in Santiago, Chile. Participants will represent the government, industry, and STI sectors, with emphasis on gender balance. It will look to a. Present and discuss successful case studies on policy making on natural disaster resilience. 2. Share experience and lessons learned from innovative ecosystems for policy making on natural disaster resilience. 3. An icebreaker keynote speech given by an expert on how STI evidence can better contribute to the process of policy design for resilience on disasters of natural origin. The meeting will seek to engage participants in the consultation process leading to the elaboration of the set of recommendations. This activity will also include a working visit to a Research Center specialized in this portfolio.

- a detailed agenda and a related list of participants of the event (attendees, panelists and lecturers) including contact information. In other words, this is intended to build a database of the event and participants for information exchange and further cooperation.

- a report of the activities developed during the event. This will include a survey intended to agree on the topics to be discussed during the meeting. Given that natural hazards are numerous, this survey is intended to select some of them (3-to-4, probably.)
- a post-event evaluation aiming to assess the success of this by presenting valuable insights from participants.
- a website for the project: built, maintained and operated by CONICYT during the life cycle of the project and beyond. The website costs will be borne by CONICYT.
- a set of recommendations for resilience and preparedness policy-making based upon scientific evidence, thus gathering the information, best practices, discussions and conclusions of the event and relevant survey. This publication will be on-line only. No printing costs required.

All project's outputs will be available at the website enabling open access to all APEC economies' participants and non-participants.

7. **Outcomes: Describe the specific changes the outputs are expected to achieve in the medium-term. What changes in policy, processes or behaviour will the project lead to?** [ $\frac{1}{2}$  to  $\frac{3}{4}$  page]

The overarching output sought by this project is the reinforcement of the APEC cooperation on resilience before disasters of natural origin, notably through a well-targeted networking among relevant stakeholders across the Pacific Ocean.

The project is intended to increase the APEC dialogue and technical cooperation on resilience policy-making on disasters of natural origin. This means the facilitation of a discussing mechanism oriented to impact the policy-making process of APEC economies in the short/medium term, thereby aiming to enhance the translation process of STI-related knowledge for the benefit of our societies. This proposal is therefore in line with PPSTI's mission to support the development of effective policy recommendations in science, technology and innovation. It will contribute to the collaboration between research, innovation and policy-making through the presentation, analysis and discussions around experiences and models on natural hazards resilience and preparedness. The proposed set of recommendations will serve as a tool to boost APEC resilience, preparedness, and thereby, economic growth as well as social wellbeing. The event suggested will consider the participation of experts from APEC developed and developing economies, international organizations and policy-makers, with the purpose of providing both a theoretical and practical framework following an ad-hoc feasibility approach.

An enhanced understanding of the role of STI for resilience policy-making on natural hazards is expected as an outcome of this initiative. This set of actions would lead to a strengthened ability of high-level policy-makers to integrate productive scientific evidence in the planning and management of policies for preparedness and resilience vis-à-vis disasters of natural origin. Participants will be able to better articulate the valuable input from STI with the resilience policy-making process. As a knowledge-oriented outcome, the set of recommendation will lead to a better understanding on how scientific evidence may be employed in building more resilient societies in regard of natural hazards.

8. **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 outputs. Who else will benefit from the project and how?** [ $\frac{1}{2}$  to  $\frac{3}{4}$  page]

Researchers working on natural hazards need to understand how resilience policy decisions are agreed and what the policy-makers' requirements are. On the other hand, the policy makers need scientific evidence to understand the phenomena related to disasters of natural origin. Both groups will benefit from the presentations over key scientific findings, experiences shared and lessons learned, so that both technical and practical approaches are duly addressed.

The set of actions presented in this proposal aims to benefit a broad range of stakeholders involved in the domestic ecosystems for science, technology, innovation and resilience related to natural hazards. The project's participants are expected to improve their behavior and performance by up-taking the results of this initiative. The project's participant will benefit from it insofar they will be better prepared to make the proper links between the STI-based evidence and the policy-making process for resilience on natural hazards. The primary beneficiaries are the stakeholders involved in high-level governmental decision making for preparedness and resilience. Beneficiaries are expected to be directly involved in the governmental preparation, promotion and implementation of decisions and understanding of the complex impacts of natural disasters on their economy in order to produce a robust exchange of ideas and conclusions. Beneficiaries are also expected to be knowledgeable with their economies' priorities for science, innovation, and resilience for disasters of natural origin. The results of the project will mainly target:

- A) Governmental entities (ministries, councils, others) related to policy-making on resilience and preparedness for disasters of natural origin
- B) National bodies of science, technology and innovation
- C) Funding agencies of science, technology and innovation
- D) Relevant experts from public or private universities/institutions/research centers/ EPWG

Beneficiaries are mainly the participants of the event and they will make the most out of the outputs of the project, as these will serve as a robust basis for more prepared and resilient APEC economies vis-à-vis disasters of natural origin. Other government officials will be considered as indirect beneficiaries as they may benefit from the project by accessing its webpage and using the report as reference in policymaking. STI participants are the ones who better know how to propel the STI contribution to policy-making on disasters of natural origin.

The project will provide travel assistance for 11 APEC-funded participants coming from among the 11 travel-eligible economies (Chile, China, Indonesia, Malaysia, Mexico, Papua New Guinea, Philippines, Peru, Russia, Thailand and Viet Nam) – up to 2 travelers from each travel-eligible economies. The 2nd traveler from each economy will be first come first serve basis.

9. **Dissemination: Describe plans to disseminate results and/or outputs of the project, including:**

- **The number, form and content of any publications. (Note: APEC will not fund publications that are only presentation slides, or website maintenance. Electronic publication encouraged.)**
- **The target audience.**
- **Any intention to sell outputs arising from this project.** *[less than ½ page]*

- Communication remains the key feature of managing a geographically dispersed group of people, which has not permanently face-to-face contact, like this project's participants who are distributed across the Asia-Pacific region. CONICYT will be in charge of the communication management, to keep up the motivation levels of team members from different cultures and time zones, aiming to facilitate the document sharing, exchange of information, real-time on-line discussions and close monitoring of the project's activities progress. The major communication processes include:
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  - \*Maximising face time. The event will be the framework for relationships development through face-to-face communication.
  - \*Optimising electronic means of communication: e-mail, Web site, regular teleconferences via Skype.
  - \*Time zone management. This is crucial for communicating with partners located in APEC economies where significant time differences exist and thus different working schedules.
  - \*Communication planning - determining the information and communication needs of the participants and stakeholders: who needs what information, when they will need it, and how it will be given to them.
  - \*Information distribution: making required information available to project participants and stakeholders in a timely fashion.

- The major focus of the dissemination actions will be to ensure that the project's outcomes are widely disseminated to the appropriate target communities, at appropriate times, via appropriate channels, and that those can contribute to the sustainability of its outcomes. Report outputs and other communication materials will comply with APEC Publications, IP and Logo Guidelines. For development of the project website, the APEC Website Guidelines will be applied.
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- NB. All publications of the results will be electronically only.

Output	Target (as in section 7)	Timing	Channel
one meeting	A, B, C and D	April and September	Website and emailing
one agenda and participants list	Events' participants	April and September	Emailing
one event report	Events' participants, A and D	May and October	Emailing and APEC
Project website	A, B, C, D and event participants	February to March	Website
Set of recommendations	A, B, C, D and event participants	September to December	APEC, Website and emailing

10. **Gender:** What steps will the project take to ensure the participation and engagement of both men and women in project activities? How do project objectives benefit women? *[less than ½ page]*

This project will seek to generate synergy, coordination and call for actions to build more resilient economies based upon the evidence provided by STI. Bearing this purpose in mind, gender diversity can certainly contribute to the development the set of recommendations for resilience on natural hazards. A distinctive focus will be giving to the sharing of evidences regarding the benefits of the gender dimension in the process of policy making for preparedness before natural hazards. This project will take into consideration some case studies presentations about lessons learned of experiences delivered by women, in order to highlight their contributions to preparedness and the aftermaths related to disasters of natural origin.

Throughout its lifecycle, the project will involve both women and men willing to exchange experiences of good practices with a gender perspective oriented to the STI contribution to resilience policy designing. When addressing to invited institutions, the organizers will set emphasis on the significance of considering the gender dimension for the nomination of participants for the project's activities.

### **SECTION C: Project Effectiveness**

11. **Work plan:** Provide a timeline of actions you will take to reach your objectives. For each, include:
- How it will be implemented; how member economies, beneficiaries & others will be involved
  - Related outputs for that particular step (e.g. contract, agenda, participant list, workshop, report) *[1-2 pages. Answers may be taken or adapted from the Concept Note]*

Date	Action	Outputs
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December 2017 - January 2018	<p>Project Planning:</p> <p>The organizers will draw a list of the topics that could best contribute in the light of resilience policy making for disasters of natural origin based upon STI evidence. This list of topics will then guide the survey. (e.g. policies for natural hazards preparedness, policy definition based on scientific evidence, experiences from the academia, public and private sectors, case studies about gender dimension, best practices from SME's. etc.)</p>	List of topics defined
	<p>Invitation to participate:</p> <p>All APEC economies will be invited to search and nominate the best domestic representatives to present their experience. Via APEC PPSTI, each economy will receive an on-line invitation to nominate the relevant participants.</p>	List of participants confirmed.
	<p>Set up of agenda:</p> <p>These participants will then contribute to the on-line survey aiming to set up a productive agenda for the kick off meeting and supporting the elaboration of the set of recommendations.</p>	Agenda for Kick off meeting defined.
February to March 2018	<p>Logistics for Kick off meeting:</p> <p>The first meeting will have a rather participative format, aiming to engage attendants to discuss and share lessons learned during the process of defining resilience policies for disasters of natural origin. Organizers will set up a website and will be in charge of the arrangements for the venue, facilities, catering, transfers, accommodations, and flights.</p>	Website operational
April 2018	<p>meeting:</p> <ul style="list-style-type: none"> <li>• 2day meeting in Santiago, Chile. Participants will represent the government, industry, and STI sectors, with emphasis on gender balance.</li> <li>• Present and discuss successful case studies on policy making on natural disaster resilience</li> <li>• Share experience and lessons learned from innovative ecosystems for policy making on natural disaster resilience</li> <li>• An icebreaker keynote speech given by an expert on how STI evidence can better contribute to the process of policy design for resilience on disasters of natural origin.</li> <li>•</li> </ul> <p>The meeting will seek to engage participants in the consultation process leading to the elaboration of the set of recommendations. This activity will also include a working visit to a Research Center specialized in this portfolio.</p>	Report on the meeting
April to August 2018	<p>Online Survey on STI's contribution to policy making on natural disaster resilience:</p> <p>The organizers will carry out a consultation process intended to gather information on this issue and therewith elaborate a set of recommendations for better policy making on natural disaster resilience. This Survey will analyze the common factors needed for developing a strategy for policy making on natural disaster resilience based upon scientific evidence.</p>	Set of recommendations elaborated



July to August 2018	<p>Logistics for webinar:</p> <p>The implementers will set up one last meeting in order to widely disseminate the results of the survey and the set of recommendations. The logistics needed to this purpose are the updated website for the webinar.</p>	Agenda defined
September 2018	<p>Webinar on STI's contribution to policy making on natural disaster resilience</p> <p>A 1-day webinar to extensively disseminate the results of the survey and present the set of recommendations to several stakeholders related to this portfolio.</p>	Report on the conference and kick down meeting
November 2018	<p>Project closing:</p> <p>The project will elaborate the final report, including the findings of the required conditions and policies for fostering an innovative ecosystem in APEC economies to better cope with disasters of natural origin.</p> <p>The report will include the outcomes and outputs of the survey and the set of recommendations. Final report will be prepared according with guidelines established by APEC.</p> <p>(All publications of the results will be electronically only.)</p>	Final report elaborated and distributed
	<p>Exploitation of results:</p> <p>The project's results will be published and distributed as well as the final presentations and outcomes via the website as well as APEC platforms and distribution lists.</p>	Website updated

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

*[1/8 to 1 page, depending on project nature/complexity]*

As a knowledge-oriented action, this project has a low risk to not achieving its goals. However, the organizers are aware that in spite of the potential benefits of project, success is not guaranteed and issues outside the immediate influence of CONICYT can arise that may constrain the effective development of the project and future exploitation of its outputs. To this regard, the project management team is responsible for taking appropriate, realistic and effective actions within the workplan. A preliminary contingency plan is briefly described in the following table presenting overall risks related to the project and the respective contingency actions foreseeable at this stage.

Risk description	Evaluation	Preventive/Contingency actions
Risk 1: Changes in the general political objectives of the APEC cooperation on STI and natural hazards	<p>Impact: Medium</p> <p>Probability: Medium</p> <p>This could affect the synchronization of events with SOMs and interaction with stakeholders</p>	The project will adopt a flexible approach in order to adjust to different factors of importance to the implementation of the project, which are exogenous to the project itself. The project will allow a flexible framework for introducing these changes and reschedule events if necessary. Permanent interaction with the PD and PPSTI members will enable the project to anticipate and take the appropriate solutions.
Risk 2: set of recommendations does not reach the appropriate stakeholders, especially policy	<p>Impact: Medium</p> <p>Probability: Low</p> <p>The participants will be carefully selected to involve</p>	The interaction and collaboration during the project with institutions involved in this portfolio will facilitate the adoption of the set of recommendations issued by the project.

makers dealing with resilience on disasters of natural origin.	appropriate organizations to implement project activities and recommendations, including institutions in charge of the STI contribution to policy making for preparedness on natural hazards.	
Risk 3: Participation of relevant stakeholders in project events is low	Impact: Medium Probability: Low This could affect the quality of the presentations given during the project's events and the results of the survey.	The project will take advantage of the powerful networks, synergies with other APEC projects, fora and expertise in organizing participatory events to mobilize target audiences for project events, thus facilitating the expected participation. PO will take advantage of PPSTI's STI network (two centers on typhoon and earthquake) and give priority to STI professionals as primary participants to the events.

13. **Monitoring and Evaluation:** How will you know whether the project achieved its objectives?

- What information will be collected to assess progress and impact (e.g. stakeholder feedback, website hits, participant stats)? How will gender impacts be measured?
- How will you collect it (e.g. surveys, meetings, interviews, peer review, records review)?
- What indicators will you use and/or measure to know if the project is on track (monitoring) and successful in meeting its objectives (evaluation)? [ $\frac{1}{2}$  page]

The progress and delivery of the project will be compared to its planning to ensure that the project is being implemented in a timely fashion. The implementing team will also be in charge of the monitoring of the project, giving accountability to the proper delivery of the project's event and outputs. In accordance with APEC regulations, the Principal Overseer will keep the Program Director and Program Executive regularly informed of the evolution in implementing the project on a regular basis. A monitoring report will be submitted to PPSTI Secretariat by mid-term of the project lifecycle.

During the planned event, all speakers and participants will be invited to provide feedback about the efficiency, outcomes, if the objectives are met, if the set of recommendation has resulted in some changes after its completion and how. A special focus will be given to collect the participants' understanding and actions in order to uptake the set of recommendations. Likewise, this feedback will be collected using an assessment form, delivered by the end of the project. This form will be carefully designed and will include questions on: a) if the event meets its set objectives through an assessment of satisfaction and comprehension; b) if the event produced useful or significant outcomes c) if the event included an equally-balanced sample of participants, or if participants felt some key areas were missing; d) quality of the speakers and presentations; e) background and statistics, including gender, to assess adequate representation from women and developing economies. This exercise will also take into consideration the APEC Project Evaluation Survey, enclosed in Appendix I of the Guidebook on APEC Projects.

*Key Performance Indicators KPI:*

KPI Description	Indicator of Achievement
Number of participants at the project's events	40 people attend the event
APEC geographic representation	4 representatives from Asian economies. 4 representatives from American economies. 1 representative from Oceania economies.
Level of development of participating economies	5 representatives from developed economies. 5 representatives from developing economies.
Research-industry-government balance	4 representatives from the research sector. 4 representatives from the public sector. 4 representatives from the industry sector. 1 representative from SMEs.

Quality of the Set of recommendations	5-7 of the recommendations will be considered strong or inclusive.
Gender dimension. (NB. APEC economies themselves will select the participants after receiving the invitation by the project's implementers, meaning that the project may only encourage APEC economies to nominate women. The implementing team could reserve the right to reject first nominations from members, if women participants are not enough.	23% of women participation at the event
Number of website hits	Baseline: 300 hits
Press media coverage of the project's actions in terms of the number of related press releases	Baseline: 10 press releases

In order to better assess this project's results, the implementers will ask participants to engage in a specific team or group in charge of the following up.

**14. 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?**

*[¼ to 1 page. Answers may be taken or adapted from the Concept Note]*

This project is not duplicating the efforts of any other Working Group. Instead, it will enhance cooperation among Working Groups and encourage their participation and collaboration to strengthen the added value of the project's actions among the endorsing economies. In particular, this project will seek synergies with APEC's EPWG and TEL Working Group.

A special synergy will be sought with CSTP (Committee for Scientific and Technological Policy) at OECD given that this latter has some valuable experience in the knowledge sharing about the STI contribution to policy-making on resilience for disasters of natural origin.

***SECTION D: Project Sustainability***

**15. 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 and impacts (Question 6) be measured?** *[less than 1 page]*

The project will contribute to building more resilient economies via the promotion of scientific evidence to make better-informed policies, plan for contingencies, and minimize risk, all related to disasters of natural origin. Learning to adapt to updated scientific information is essential when coping with intelligent policy-making on long-term resilience. When the STI results are presented in a smart manner, this then leads to clever decision-making and concrete action. Thus, this project is designed to bring together the perspectives from scientists, policy-makers, entrepreneurs, representatives from the private sector, especially SMEs. This initiative offers a unique opportunity for policy-makers working on natural hazards preparedness to interface with experts working on disasters of natural origin and thereby communicate their needs and expectations. As a result, the project intends to foster the exchange of best practices among relevant stakeholders in APEC economies beyond its lifecycle. During the events, the project will facilitate the interaction among stakeholders in order to generate long-lasting partnerships.

Regarding the project sustainability, its website will be implemented as a platform to store and disseminate information and update the set of recommendations. This website will be hosted, maintained and operated by CONICYT as far as 2019 during the Chilean pro tempore presidency of APEC. In addition, the project implementers will take advantage of PPSTI SOMs and EPWG meetings in order to follow-up and to encourage the project's sustainability in the long run.

16. **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.  
[less than ½ page]

This project will be managed by the International Relations Unit at the International Cooperation Programme in CONICYT. Mr. Pedro Figueroa, Coordinator of this Unit, studied Public Management as first degree and then a Master's degree in International Relations. Mr. Figueroa has large experience in international cooperation on STI and an extensive knowledge on several initiatives implemented in Latin America and the globe including the policy processes supporting multiple dialogues and actions, both bilateral and multilateral. The International Cooperation Programme (PCI) at CONICYT carries out the international cooperation policy on science and technology of the Government of Chile. It actively enhances the international cooperation of the domestic research community. PCI has strong and continuous partnerships with its counterpart institutions in Latin America and the world, exchanging information and best practices on a regular basis. CONICYT has actively participated in projects and initiatives within the context of CELAC, UNASUR, OAS, Alianza del Pacifico, APEC and OECD, to name just a few.

### **SECTION E: Project Efficiency**

17. **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*

<b><u>All Figures in USD</u></b>	<b># of Units</b>	<b>Unit Rate</b>	<b>APEC Funding</b>	<b>Self-Funding</b>	<b>Notes</b>
<b>Direct Labour</b>					
Speaker's honorarium (government officials ineligible)	(# of speakers)				
Translator's fees  (strong justification is required for approval indicating that the translations are of benefit to more than one economy – please provide details/scope of work in Budget Note 1 – Direct Labour)	(# of pages)				
Short-term clerical fees  (please provide details of scope of work and deliverables in Budget Note 1 - Direct Labour)	(396 hours)	~50.5		~20.000	Human hours of the professional staff at CONICYT implementing the project (e.g. Online Survey and website)
Contractor fees  (contractors Secretary's fees to be included in cost and packaged together)	(# of hours)				
<b>Travel (Speaker, Experts, Researchers)</b>					

<b><u>All Figures in USD</u></b>	<b># of Units</b>	<b>Unit Rate</b>	<b>APEC Funding</b>	<b>Self-Funding</b>	<b>Notes</b>
Per diem (incl. accommodation and "75% additional payment")	6 persons 2 days	960	5.760		Santiago de Chile. (Current UN Per Diem Rate USD\$256)*(2 Official Event Days)+(1 Arrival Day)+(One-Off 75% of the UN Per Diem Rate USD\$192)
Airfare	6 persons round trip	3.000	18.000		Santiago de Chile. Unit rate is an average estimate.
<b>Travel for Participants (from travel-eligible economies only. Active participants only)</b>					
Per diem (incl. accommodations and "75% additional payment")	18 persons 2 days	960	17.280		Santiago de Chile. (Current UN Per Diem Rate USD\$256)*(2 Official Event Days)+(1 Arrival Day)+(One-Off 75% of the UN Per Diem Rate USD\$192)
Airfare ( <i>restricted economy class</i> )	18 persons round trip	3.000	54.000		Santiago de Chile. Unit rate is an average estimate.
<b>Other items</b>					
Publication/distribution of report	(# of copies)				
Specialized equipment or materials ( <i>please describe</i> )	(type, #, and # of days)				
Photocopying	(# of copies)				
Communications (telephone, fax, mail, courier)					
<i>Hosting</i> (provide breakdown, e.g., room rental, stationery) Conference room, stationery, and equipment needed for the events.	(units as appropriate)			~4.000	Events will take place at CONICYT premises; this includes conference room, stationery, beamer and sound services.
<b>Total:</b>			95.000	~24.000	

**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.

During the project's events, catering services will be required. This includes coffee breaks and light lunch. The hiring of these catering services will follow the strict domestic regulations on public purchasing and contracting.

The project's events include a working visit to a Research Center or University, with the purpose to learn about specific successful cases implemented by collaborative projects about natural disasters. These activities will require local transportation only. The hiring of these transportation services will follow the strict domestic regulations on public purchasing and contracting. Costs for this item will also be reduced by using CONICYT's vehicles (two vans) to this purpose.