

APEC PPSTI Project Proposal Presentation

Workshop on cluster collaboration opportunities in the Asia-Pacific

Russian Federation



NATIONAL RESEARCH
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-Project Details-

Project Name

- **Workshop on cluster collaboration opportunities in the Asia-Pacific**

Proposing Economy

- **Russian Federation**

Confirmed Co-sponsors

- **The People's Republic of China; Chile; Chinese Taipei; the Republic of Korea; Thailand**

Expected Project Duration:

- **December, 2019 – November, 2020**

Proposed APEC Funding Source:

- **IERG Sub-Fund**

The project promotes experience sharing, policy dialogue, capacity building, and practical cooperation. It contributes to the goals and priorities of the APEC Accord on Innovative Development, Economic Reform and Growth (items # 6 and 16)



-Relevance-

Clusters are crucial to enhance STI partnership among government, academia and private sector. Clusters play an important role in most APEC Economies:

- Canada: first national cluster support program launched in 2016 (*TCI, 2017*)
- China: 146 National High-tech Zones maintained an average annual revenue growth at 17.4% in 2011-2015, and the industrial added value grew by 25.4% in 2015 (*MOST, 2017*)
- Korea: industrial complex clusters account for 69% of manufacturing production, 78.5% of exports and 48.6% of employment (*KICOX, 2015*)
- Russia: export and innovation output of pilot spatial clusters are 20% and 75% higher than regional average (*HSE, 2017*)
- USA: clusters provide 36% of employment, 50% of income and 96.5% of patents in the Economy (*HBS, 2014*)
- Viet Nam: clusters are a critical priority for the Economy's leadership to promote sustainable productivity growth (*Porter, Ketels, 2008*)

In many ways, clusters' excellence is due to their external linkages:

- Clusters in APEC economies face similar challenges of going global and increasing their efficiency via international cooperation (e.g. lack of appropriate knowledge about the overseas markets, ways of doing business in dissimilar countries, financial resources and well-trained staff, differences in legal and technological bases, vague conception of potential partners and common project ideas).

The workshop is designed to strengthen collaboration among clusters across APEC via:

- Increasing visibility of members of clusters located in APEC economies
- Sharing best practices of clusters' going global
- Enabling women to start searching for career opportunities in cluster-related activities



-Project objective-

To establish sustainable links among members of APEC economies, which represent the existing or potential clusters in industrial, R&D, educational and institutional areas on a complementary basis, to increase the competitiveness, economic, innovative and social capital of those members and their home locations.



-Capacity Building-

- ***Internal and regional replicability***

Beneficiaries of the workshop, especially from developing economies will be able to further replicate and disseminate their acquired knowledge, skills and technical know-how (i.e. measures and instruments for cluster development implemented in APEC economies) within their home locations and to other regional actors.

- ***Innovation***

By sharing best practices and new approaches to solving existing problems via cluster internationalization (how to improve capacities, scale and skills of suppliers, mainly SMEs; increase external linkages in FDI, exports; foster collaborative R&D and commercialization) the workshop will accelerate APEC economies' growth.

- ***Enabling***

The workshop will be organized with the participation of 50% of female experts from APEC member economies that are mostly successful in cluster development as well as the relevant global fora: TCI Network (The Competitiveness Institute – Asociación Competitividad – a leading world-wide network of cluster practitioners) and OECD. Their inspiring contributions will impact on women – participants to assist them to participate more fully in the regional economy as cluster practitioners.



-Ties to APEC/PPSTI Priorities-

Ties to APEC Priorities

- Cluster members from business, academia and public sector, will share best practices of their international collaboration (**item # 6 of APEC Accord on Innovative Development, Economic Reform and Growth**).
- The discussion of preliminary survey results and the Blueprint on cluster collaboration across APEC will engage multifold stakeholders in policy dialogue on the issue, promote cooperation in STI and improve the environment for innovation (**item # 16**).

Ties to PNG Host Priorities

- By increasing visibility of clusters across APEC and enabling their members to start searching for joint projects / activities, the project echoes **PNG host priority # 1 of Improving Connectivity, Deepening Regional Economic Integration**.

Ties to PPSTI-2018 Priorities

- The project contributes to **PPSTI-2018 theme of catalyzing data sharing for economic resilience**: cluster members will be encouraged to increase their visibility among peers from APEC economies and share relevant information about trade, investment, R&D, education, and other opportunities.

24th Meeting of APEC Ministers Responsible for Trade Statement, which for the first time calls for “closer cooperation between government and the private sector in developing regulatory and policy processes to create a conducive environment for doing business, **including exploring international cluster cooperation in the region**”



-Project Impact-

- **Knowledge**: Review of Cluster Collaboration Opportunities in APEC Economies
- **Event**: 3-day Workshop on Cluster Collaboration Opportunities in APEC Economies
- **Tool**: Final Report on Cluster Collaboration Opportunities in APEC Economies



-Workshop program draft -

Day 1–Cluster policies in the APEC: benchmarking the leading economies and inspiring the emerging ones

Opening Remarks: Russian officials and/or APEC officials

Reports and presentations by speakers

Presentation of survey results: “Cluster Landscape and Collaboration Opportunities in APEC”

Discussion Panel for speakers and participants: A discussion of critical issues and the results of the day (including the adjustment of survey results for the Final Report)

Networking

Day 2– Cluster management in APEC: best practices

Reports and presentations by speakers

Visiting International Medical Cluster (Skolkovo Innovation Center, Moscow): to overview the cluster facilities; have a round-table meeting with the management team and discuss various aspects of cluster establishment from the very beginning; have a presentation of International Medical Cluster collaboration opportunities for further transfer by the workshop participants to the relevant actors in their economies

Discussion Panel for speakers and participants: A discussion of critical issues and the results of the day (including expert interviews with those participants, who have cases to distribute all over APEC; surveying those participants, who would have not completed online)

Networking

Day 3–Cluster career: the gender dimension

Reports and presentations by speakers

Discussion Panel for speakers and participants: A discussion of the results of the workshop and the key points of policy recommendations on fostering international cluster cooperation in APEC (including discussion of the Blueprint and agreement on common actions to promote cluster collaboration in APEC). Dissemination of and filling-in workshop evaluation forms and standardized “Invitation for cluster-to-cluster collaboration” templates among the workshop participants and PPSTI members.

Networking

Closing Remarks: Russian officials and/or APEC officials



-Final Report structure-

Title – “Fostering international cluster collaboration in APEC: challenges and opportunities”

Introduction

Chapter 1 – Cluster Landscape in APEC (with sub-chapters for each economy)

Chapter 2 – Do clusters in APEC need closer cooperation? Survey results.

Chapter 3 – Case studies of best cluster policies and management practices in APEC

Chapter 4 – Let’s get started: cooperation opportunities of clusters in APEC.

Chapter 5 – “Each cluster is a family, each family needs a father AND a mother”: gender balance in cluster-related activities

Chapter 6 – Policy recommendation to foster international cluster collaboration in APEC

Conclusion

Appendix – A list of contacts of officials and development agencies in APEC economies empowered to pursue cluster policies and support



-Project Outcomes-

- **APEC cluster community of entrepreneurs, researchers, managers, government officials and experts is established.**

With the support of PPSTI members, they are actively involved in post-workshop activities (via survey, comments to the Final Report, revision and update of the Blueprint) and agreed on future joint work to foster cluster collaboration in the Asia-Pacific. Over time, other PPSTI members launch initiatives and projects on clusters.

- **Visibility of members of clusters located in APEC economies is increased.**

Active and targeted distribution of best practices of cluster collaboration support enables their members to start joint projects / activities. Further, online APEC Cluster Collaboration Platform is launched.

- **More women are engaged in cluster-related activities professionally (as managers, policymakers, consultants or researchers).**

The share of women among PPSTI members, who are actively involved in post-workshop activities, is no less than 50%.



-Beneficiaries-

Direct beneficiaries of the project include policy makers, entrepreneurs, researchers, cluster managers, representatives of innovation and / or regional development agencies in APEC

- Cluster members, especially **MSMEs and startups**, will be able to broaden their pool of partners in the Asia-Pacific, enter new markets, and get involved in new projects, as they will increase their visibility by filling in standardized “Invitation for cluster-to-cluster collaboration” template after the workshop.
- Special attention will be devoted to working with **female participants**. Expert talks and Q&A sessions will be given by women – cluster researchers, managers and practitioners with the aim to share their experiences of becoming involved in cluster activities professionally.



-Dissemination-

The materials arising from the project to be published and distributed are:

- Final Report on Cluster Collaboration Opportunities in APEC Economies(including pre-workshop survey and research results; best practices, policy recommendations and proposals for future joint activities gathered during the workshop; evaluation and presentation results received after the workshop)
- Presentations of workshop participants
- Press-releases and brief workshop reviews
- Summary of the project results



-Gender Balance-

Women are expected to benefit from the project in terms of increasing their interest in cluster-related career opportunities (as managers, policymakers, consultants or researchers), inspired by the presentations of prominent women – cluster practitioners from APEC economies.

Pre-workshop activities

- while conducting Desk Research and Online Survey, sex-disaggregated data will be analyzed (e.g. by adding gender-related questions and scrutinizing economies' cases with consideration of women as cluster practitioners).

Workshop:

- participation: The PO will try to ensure the active involvement in discussion and developing recommendations of at least 30% women-participants a day. At least 2 of 6 speakers are going to be female. At least one cluster headed by a woman as a speaker will be presented.
- agenda: one of workshop's days will be specifically devoted to gender dimension in cluster management.

Post-workshop Activities:

- evaluation and feedback: workshop evaluation form and standardized "Invitation for cluster-to-cluster collaboration" template will reflect gender issues (e.g. questions about satisfaction with gender balance during the workshop).
- publication: in the Final Report on Cluster Collaboration Opportunities in APEC Economies a chapter on gender equality will be included.



-Timeline-

Project Proposal stage and preparation for the workshop
(venue selection, agenda drafting, invitation of speakers and participants, and survey conduct on cluster collaboration in APEC)

Presentation of the workshop outcomes and their dissemination among relevant stakeholders in APEC economies

February 2019

December - May 2020

June 2020

November 2020

Discussion of the CN at PPSTI meeting and its submission for the 1st Project Session 2019

Organization of the workshop.
Outcomes:
- adjusted survey results / a list of best practices / comments to the Blueprint on cluster collaboration in APEC



-Risks-

Generally, project risks are estimated as low

- **Delay with approving of the contractor.** Could be managed by scrutinizing APEC rules on contracting and preparing well-timed and punctual contract documentation.
- **Lack of APEC experts' relevant experience and skills.** Could be managed by thorough study of experts' cluster-relevant experience. PO will interact with APEC fora on this issue through focal points and other useful contacts. While working with PPSTI focal points, the PO will not simply ask for nominations, but will guide each PPSTI colleague about specific institutions or organizations in their economies, where experts or participants would more likely be found and invited from. For instance, Institute for Competitiveness & Prosperity (Canada); Cluster Automotriz De Nuevo León (Mexico); The Cluster Competitiveness Group (the United States); Enright, Scott & Associates (Hong Kong, China); KICOX Industrial Complex Corp. (the Republic of Korea); Metal Industries Research and Development Center (Chinese Taipei); Zhongguancun (the People's Republic of China); Corporación de Fomento de la Producción (Chile).
- **Delay with Completion Report delivery.** Could be managed by advanced change of the project timeframe at the Project Proposal approval stage .
The experience of project PPSTI 05 2017A will be considered.



-Monitoring-

Indicators to measure the project's outputs:

- No. of APEC economies that participated in online survey (prior the workshop);
- No. of male and female workshop participants from public and private sectors, and academia (the target number of participants is estimated at least 20 persons per day, including 10 participants from travel-eligible economies);
- No. of APEC economies that contributed to the Final Report on Cluster Collaboration Opportunities in APEC Economies with substantial comments.

Indicators to assess achievement of outcomes:

- the share of Project Evaluation Survey forms with high satisfaction rates in the total number of forms (the target value is 75%);
- No. of standardized “Invitation for cluster-to-cluster collaboration” templates filled in after the workshop (the target value is 10);
- No. of success stories of cluster collaboration to be published in the Final Report (the target value is 5);
- No. of cluster-related initiatives launched within PPSTI by other economies (the target value is 1).

Indicators to measure gender impacts:

- No. of women, engaged in project implementation and contribution to the workshop. The target numbers are: 10 women-participants a day, 3 female speakers, one of which – presenting a cluster headed by a woman.



-Project Champion-



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