Fostering international cooperation among innovative clusters and areas of APEC Economies
-The Issue-

• Innovative clusters are crucial to enhance STI partnership among government, academia and private sector. **Clusters play an important role in APEC Economies:**
  o Viet Nam: clusters are a critical priority for the Economy’s leadership to promote sustainable productivity growth (*Porter, Ketels, 2008*)
  o USA: clusters provide 36% of employment, 50% of income and 96.5% of patents in the Economy (*HBS, 2014*)
  o China: provinces of top-100 clusters demonstrate the highest innovation intensity (from 7.4% in Zhejiang to 19.2% in Beijing) compared to 3.6% average of the Economy (*World Economic Forum, 2014*)
  o Korea: industrial complex clusters account for 69% of manufacturing production, 78.5% of exports and 48.6% of employment (*KICOX, 2015*)
  o Russia: export and innovation output of pilot spatial clusters are 20% and 75% higher than regional average (*HSE, 2017*)

• Changes in global economic environment are making cluster linkages more significant. **APEC** can become the **World’s Global Cluster** – “a network connecting government and business leaders in the Asia-Pacific able to close the institutional gap between the Economies” (**Geoffrey Kokheng See, 2009**)

• APEC Economies vary in terms of cluster policies and management. No aggregated data on cluster activities in the area. **Information coherence on clusters in the Asia-Pacific is a relevant issue for consideration to promote international cooperation**
- Initiative Details -

Initiative Name
- Fostering international cooperation among innovative clusters and areas of APEC Economies

Proposing Economy
- Russia

Confirmed Co-sponsors
- China

Expected Initiative Duration:
- October, 2017 – October, 2019

Main Activities Proposed
- Arranging expert discussion on best practices of cluster policies and management
- Delivering workshops on international cluster collaboration
- Drafting a Blueprint on international cluster collaboration across APEC Economies
- Designing inter-cluster collaboration tool – APEC’s cluster collaboration platform “a PEC: a Platform for the Economies’ Clusters”
-Objectives-

1. To study measures and mechanisms used by APEC Economies to the development of innovative clusters.
2. To organize APEC discussion on comprehensive development of innovative clusters.
3. To introduce new instruments for the development of innovative clusters that will accelerate APEC Economies’ growth.
4. To identify potential for international cluster cooperation in APEC Economies, and set priorities for such cooperation.
5. To establish a viable mechanism for inter-cluster cooperation in the APEC region.
-Ties to APEC/PPSTI Priorities-

• Ties to APEC Priorities
  – the workshop and Blueprint will encourage the members’ efforts to share experiences and best practices in innovation (item # 6 of APEC Accord on Innovative Development, Economic Reform and Growth);
  – “a PEC: a Platform for the Economies’ Clusters” will promote cooperation in STI, improve the environment for innovation (item # 16) and contribute to the establishment of APEC databases on innovative best practices and service platforms to improve the competitiveness of SMEs (item # 19).

• Ties to Vietnam Host Priorities
  – best practices exchange (workshop), APEC cluster landscape analysis (Blueprint) and joint cluster mapping (Platform) will connect key stakeholders, representing each Economy’s growth points - clusters (Deepening Regional Economic Integration)

• Ties to PPSTI 2017 Priorities
  – “a PEC: a Platform for the Economies’ Clusters” will establish a user-friendly network for STI partnership among government, academia and private sector in the Asia-Pacific (Supporting strong STI ecosystems in the APEC region)
-Timeline-

Round table on APEC cluster collaboration

Discussion & adoption of the Blueprint structure & questionnaire

Presentation of the Blueprint

Discussion of the Platform's technical issues

Presentation of the Platform

Oct-Nov/2017

Before SOM 1/2018

SOM 1/2018

After SOM 1/2018

SOM 2/2018

Before SOM 1/2019

SOM 1/2019

After SOM 1/2019

SOM 2/2019

• Blueprint structure & questionnaire design
  • Workshop on cluster collaboration

• Data collection on cluster collaboration across APEC Economies
  • Blueprint drafting

Designing the structure of APEC’s cluster collaboration platform

• Launching the Platform & encouraging Economies to register
-Initiative Champion-

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CLUSTER MAP OF RUSSIA map.cluster.hse.ru
Партнеры кластера

РОССИЙСКИЕ ПАРТНЕРЫ КЛАСТЕРА

Уполномоченный представитель

ФГБУ «Финансовый университет при правительстве Российской Федерации»

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ЗАРУБЕЖНЫЕ ПАРТНЕРЫ КЛАСТЕРА

Уполномоченный представитель

AVEVA Solutions Ltd

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Проекты кластера

РЕАЛИЗОВАННЫЕ ПРОЕКТЫ КЛАСТЕРА

Наименование проекта: Развитие транспортной инфраструктуры

Год запуска проекта: 2013
## CLUSTER MAP OF RUSSIA: INFO BLOCKS

<table>
<thead>
<tr>
<th>Organization development level</th>
<th>About the Cluster</th>
<th>Participants and Partners</th>
<th>Priorities and Projects</th>
<th>Management and Governance</th>
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<tbody>
<tr>
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<td>2. Location of the Cluster</td>
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<td>3. Cluster constituent act</td>
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<td>4. Documents for the Cluster development (strategy, program, etc.) 5. Cluster status (according to the state support programme embeddedness) 7. Cluster presentation content in English</td>
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<td><strong>High</strong></td>
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*Indicators typed bold and underlined are obligatory to acknowledge a certain level of organization development. Other indicators are used for informative purposes only.*