

APEC PPSTI
Initiative Presentation
PPSTI 10

**Fostering international
cooperation among
innovative clusters
and areas
of APEC Economies**



Russia
Agenda Item # 9.2.9

-The Issue-

- Innovative clusters are crucial to enhance STI partnership among government, academia and private sector. **Clusters play an important role in APEC Economies:**
 - Viet Nam: clusters are a critical priority for the Economy's leadership to promote sustainable productivity growth (*Porter, Ketels, 2008*)
 - USA: clusters provide 36% of employment, 50% of income and 96.5% of patents in the Economy (*HBS, 2014*)
 - 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*)
 - 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*)
- 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-

- to study measures and mechanisms used by APEC Economies to the development of innovative clusters
- to organize APEC discussion on comprehensive development of innovative clusters
- to introduce new instruments for the development of innovative clusters that will accelerate APEC Economies' growth
- to identify potential for international cluster cooperation in APEC Economies, and set priorities for such cooperation
- to establish a viable mechanism for inter-cluster cooperation in the APEC region

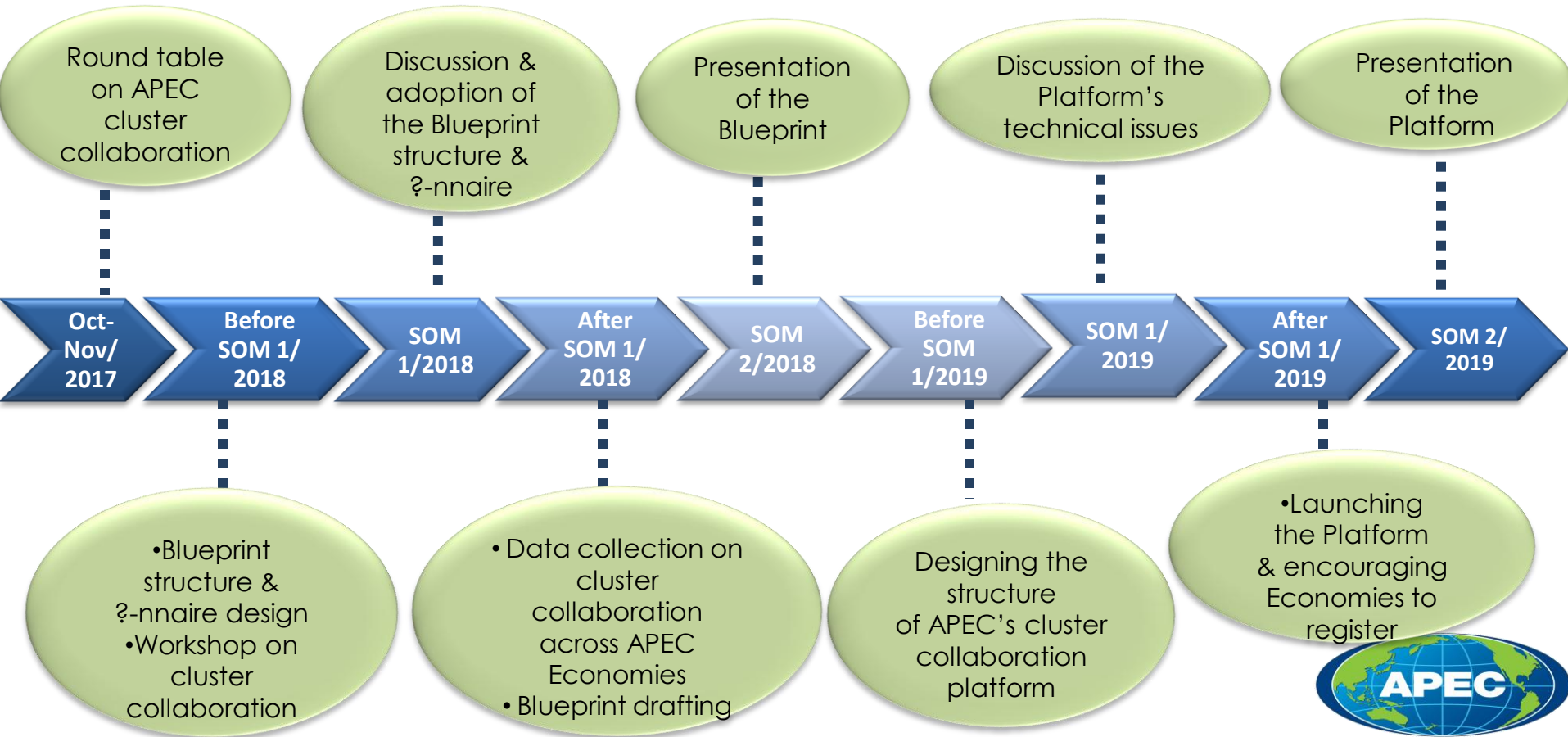


-Ties to APEC/PPSTI Priorities-

- 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-



-Initiative Champion-



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CLUSTER MAP OF RUSSIA map.cluster.hse.ru



Карта кластеров России

Карта

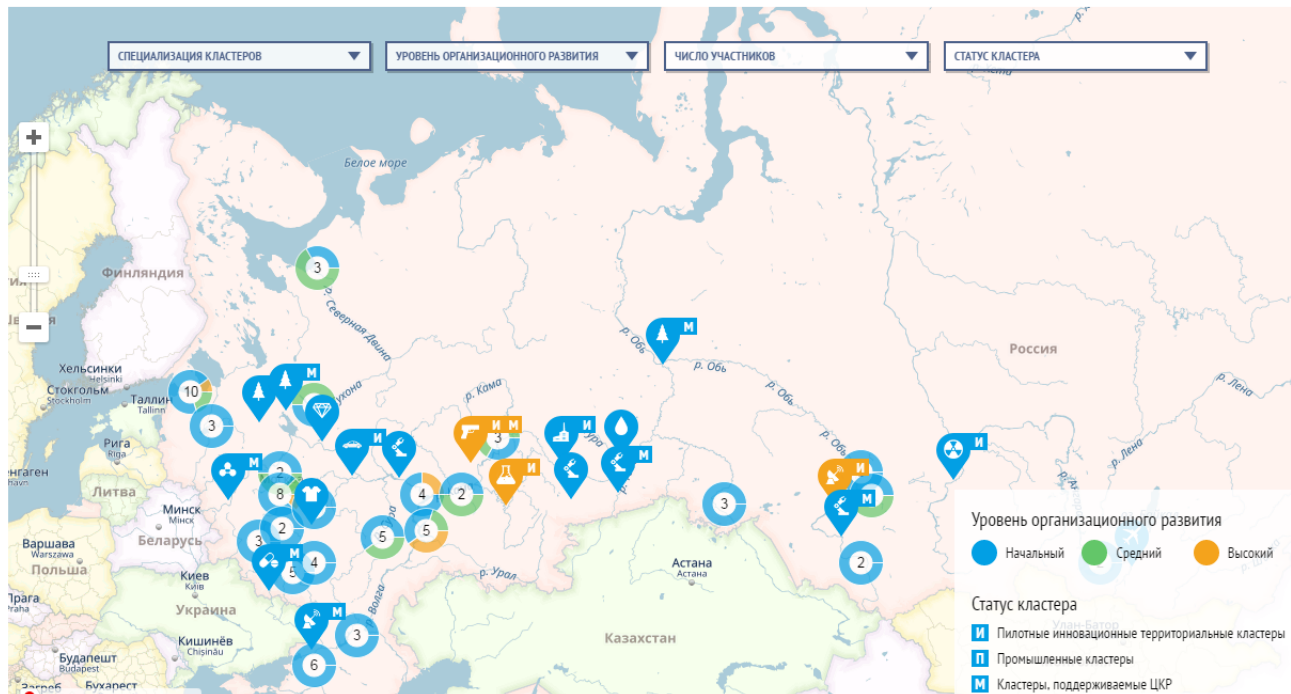
Реестр

О проекте

Контакты

АВТОРИЗАЦИЯ

РЕГИСТРАЦИЯ



Российская
кластерная
обсерватория



CLUSTER MAP OF RUSSIA: PROFILE



Карта кластеров России

АВТОРИЗАЦИЯ

РЕГИСТРАЦИЯ

Версия для печати

Нефтехимический территориальный кластер Республики Башкортостан



СУБЪКТ РФ: Республика Башкортостан
ГОД СОЗДАНИЯ: 2012
УЧАСТНИКИ: 187
УРОВЕНЬ: Высокий
САЙТ КЛАСТЕРА: <http://nhtrkrb.ru>

Общая информация

КЛЮЧЕВАЯ СПЕЦИАЛИЗАЦИЯ КЛАСТЕРА

Химическое производство

СОПУТСТВУЮЩИЕ СПЕЦИАЛИЗАЦИИ КЛАСТЕРА

- Образовательные услуги
- Производство машин и оборудования (в т.ч. станков и спецтехники, подъемного и гидropневматического оборудования, роботов)
- Производство резиновых, пластмассовых изделий

СТАТУС КЛАСТЕРА

Включен в перечень пилотных инновационных территориальных кластеров

КРАТКОЕ ОПИСАНИЕ ОСНОВНОЙ ПРОДУКЦИИ

Основная специализация кластера: разработка спектра технологий нефтепереработки и нефтехимии (от подготовки и первичной переработки до комплекса вторичных процессов), геофизическое приборостроение и геофизический сервис, проектирование нефтехимических и нефтеперерабатывающих комплексов, комплекс инжиниринговых услуг, производство нефтехимической продукции и нефтепродуктов, комплекс вспомогательных услуг.

Менеджер кластера



Теляшев Эльшад
Гумерович

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Партнеры кластера

РОССИЙСКИЕ ПАРТНЕРЫ КЛАСТЕРА

Название\тип организации	Адрес
ФГОБУ ВО Финансовый университет при правительстве Российской Федерации Высшее учебное заведение www.fu.ru	Москва, Ленинградский пр-т 49

ЗАРУБЕЖНЫЕ ПАРТНЕРЫ КЛАСТЕРА

Название\тип организации	Адрес
AVEVA Solutions Ltd Организация инновационной инфраструктуры http://www.aveva.com	Великобритания, Кембридж, High Cross Madingley Road
Fujitsu Организация инновационной инфраструктуры www.fujitsu.com	Япония, Токио, Shiodome City Center 1-5-2 Higashi-Shimbashi Minato-ku
Honeywell Организация инновационной инфраструктуры https://honeywell.com	США, Морристаун, 101 Columbia Road

Проекты кластера

РЕАЛИЗУЕМЫЕ ПРОЕКТЫ КЛАСТЕРА

Развитие инфраструктуры отгрузки товарных автомобильных топлив ЗАО «Антипинский НПЗ»

Тип проекта:	Развитие транспортной инфраструктуры
Год запуска проекта:	2013



CLUSTER MAP OF RUSSIA: INFO BLOCKS

Organization development level

	About the Cluster	Participants and Partners	Priorities and Projects	Management and Governance
Emerging	<p><u>1. Name of the Cluster*</u> <u>2. Location of the Cluster</u> <u>3. Cluster constituent act</u></p>	<p><u>18. Participants (minimum 10)</u></p>	<p><u>12. Basic specialization of the Cluster</u> 13. Additional specialization of the Cluster <u>14. Brief description of the key products and services of the Cluster participants</u> <u>15. Aims of clustering</u> <u>16. Cluster development priorities</u></p>	<p><u>19. Cluster manager information</u></p>
Medium	<p><u>6. Cluster presentation content in Russian</u> <u>Cluster management bodies (key statutory documents are to be attached)</u> <u>8. Web-site of the Cluster in Russian</u> 9. English Web-site of the Cluster <u>10. Map or plan of Cluster participants location</u> 11. Logo of the Cluster</p>	<p><u>18. Participants (from 11 to 49)</u></p>	<p><u>24. Current joint projects of the Cluster participants</u> <u>25. Future joint projects of the Cluster participants</u></p>	<p><u>20. Cluster management and governance bodies</u> <u>21. CMO services</u></p>
High	<p><u>4. Documents for the Cluster development (strategy, program, etc.)</u> <u>5. Cluster status (according to the state support programme embeddedness)</u> <u>7. Cluster presentation content in English</u></p>	<p><u>17. Cluster membership regulations</u> <u>18. Participants (minimum 50)</u> 30. Domestic partners of the Cluster 31. Overseas partners of the Cluster</p>	<p><u>26. Fulfilled joint projects of the Cluster participants, inter alia innovative</u> 27. Investment proposals by Cluster members 28. Venture investment proposals by Cluster members 29. proposals to corporations by SME Cluster members</p>	<p><u>22. Funding structure of the CMO</u> 23. Working groups on the Cluster development</p>

*Indicators typed bold and underlined are obligatory to acknowledge a certain level of organization development. Other indicators are used for informational purposes only.

