



NATIONAL RESEARCH  
UNIVERSITY

# Russian Cluster Initiatives Mapping

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# HSE Russian cluster observatory



Web-site:  
cluster.hse.ru



Educational programs

Rating of  
innovative  
development  
of Russian  
regions

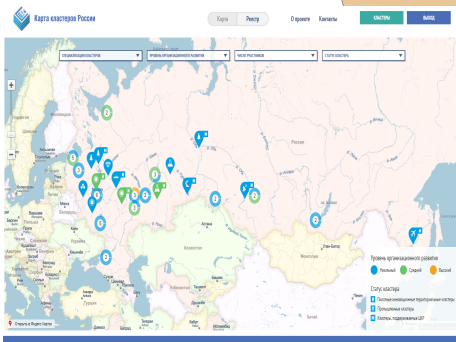


 Russian  
cluster  
observatory

Russian cluster  
mapping

Reports, reviews,  
articles

NRU HSE is a member  
of TCI Network





# About the Russian cluster mapping project

## Aim

«One platform for all-Russia clusters data: systematic presentation, easy navigation, comparability»

Initiated and operated by



## Relevance

- According to the RCO expertise, there are about 200 clusters in Russia acting in various fields
- The number of clusters is constantly increasing, inter alia in the regions where the pilot innovative clusters are located
- Information vacuum: there are only 25 nationally-visible pilot clusters in Russia

## Time framework

Timeless



## Target groups

Cluster initiatives

Infrastructure support organizations

Public companies

Public authorities

Private investors

Institutes for development

Universities

[European Cluster Observatory](#)



[U.S. Cluster Mapping](#)



[Competitivite.gouv.fr](#)



International experience



# Map of cluster initiatives in Russia

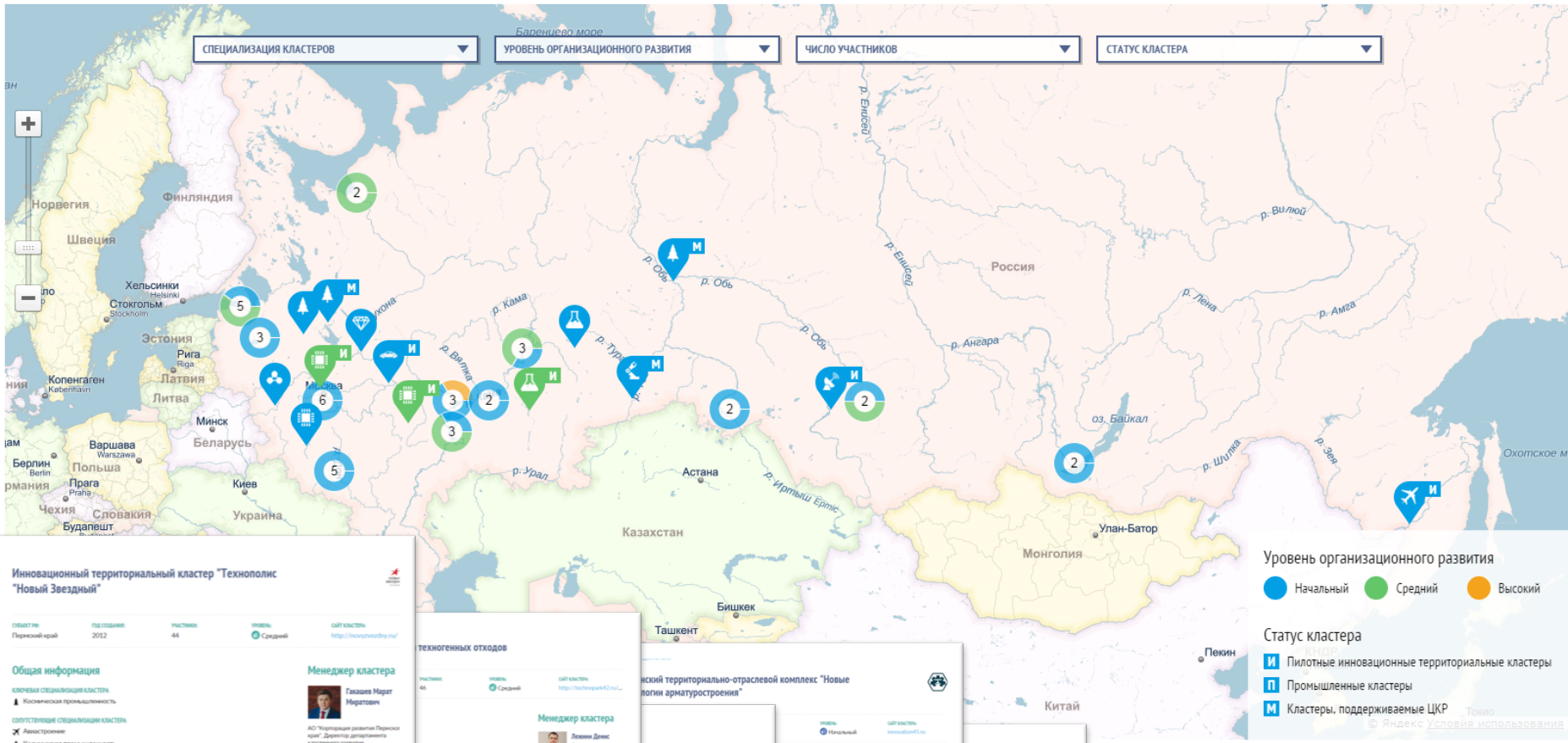
map.cluster.hse.ru



Карта Реестр

О проекте Контакты

КЛАСТЕРЫ Выход



**Инновационный территориальный кластер "Технополис "Новый Звездный"**

Уровень: Средний

**Общая информация**

Ключевая специализация кластера: Космическая промышленность

Статус кластера: Включен в перечень пилотных инновационных территориальных кластеров

**Менеджер кластера**  
Галактика Марат Мерзюков  
АО "Управление развития Пермского края"  
+7 342 212 17 47

**Кластер технологических отходов**

Уровень: Средний

**Менеджер кластера**  
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ОАО "Узловой комплекс"  
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**Индустриальный территориально-отраслевой комплекс "Новые логины арматуростроения"**

Уровень: Начальный

**Менеджер кластера**  
Григорьева Ольга Игоревна  
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**Индустриальный территориально-отраслевой комплекс "Транс-инновационное развитие Пермской области"**

Уровень: Начальный

**Менеджер кластера**  
Иванов Александр Николаевич  
ОАО "Управление развития Пермского края"  
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**Индустриальный территориально-отраслевой комплекс "Технополис "Новый Звездный"**

Уровень: Средний

**Менеджер кластера**  
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ОАО "Управление развития Пермского края"  
+7 342 212 17 47





# Cluster mapping principles

All clusters that meet the basic system requirements can be registered


Positive participation incentives: cluster “status” marks correspond with the number of profile forms filled. More information provided means cluster status increase

Intellectual framework:

- Matching the best world-wide cluster management practices (e.g. Cluster Excellence project of ESCA)
- Comprehensive approach to cluster development description
- Client-oriented approach: cluster data is provided not for statistical or summary purposes, but to foster inter-cluster cooperation, internationalization, informing potential participants, investors, entrepreneurs, public authorities about the existing clusters initiatives



# Project Functions



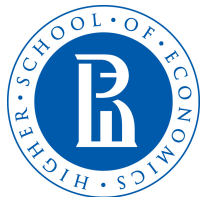
On-the-spot shift tracking (new clusters` emergence, development of current clusters, clusters` location and activity distribution)

Suitable analytical options due to the system characteristics of filtration and data aggregation

Clusters are classified according to their organizational development through the multilevel data entering system

On-the-spot survey options for target groups





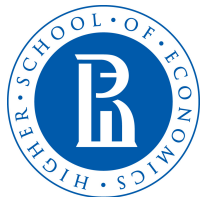
# Mapping Indicators

## Information 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></p> <p><u>2. Location of the Cluster</u></p> <p><u>3. Cluster constituent act</u></p>	<p><u>18. Participants (minimum 10)</u></p>	<p><u>12. Basic specialization of the Cluster</u></p> <p>13. Additional specialization of the Cluster</p> <p><u>14. Brief description of the key products and services of the Cluster participants</u></p> <p><u>15. Aims of clustering</u></p> <p><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></p> <p><u>Cluster management bodies (key statutory documents are to be attached)</u></p> <p><u>8. Web-site of the Cluster in Russian</u></p> <p>9. English Web-site of the Cluster</p> <p><u>10. Map or plan of Cluster participants location</u></p> <p>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></p> <p><u>25. Future joint projects of the Cluster participants</u></p>	<p><u>20. Cluster management and governance bodies</u></p> <p><u>21. CMO services</u></p>
High	<p><u>4. Documents for the Cluster development (strategy, program, etc.)</u></p> <p><u>5. Cluster status (according to the state support programme embeddedness)</u></p> <p><u>7. Cluster presentation content in English</u></p>	<p><u>17. Cluster membership regulations</u></p> <p><u>18. Participants (minimum 50)</u></p> <p>30. Domestic partners of the Cluster</p> <p>31. Overseas partners of the Cluster</p>	<p><u>26. Fulfilled joint projects of the Cluster participants, inter alia innovative</u></p> <p>27. Investment proposals by Cluster members</p> <p>28. Venture investment proposals by Cluster members</p> <p>29. proposals to corporations by SME Cluster members</p>	<p><u>22. Funding structure of the CMO</u></p> <p>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 informative purposes only.



# Value proposition for the users

## National authorities

- ✓ Comprehensive insight into the clusters development in Russia (specialization, participants, location, projects etc.) as well as dynamics of the new clusters` emergence / progress

## Regional authorities

- ✓ Informing potential investors, public authorities, experts about the existing cluster and its progress
- ✓ Comparative options and access to current cluster development practices
- ✓ Inducing clusters to increase their organization level

## Clusters

- ✓ Cluster information is included into the RCO news digest
- ✓ Free of charge platform enabling clusters and their stakeholders (regions, big companies, and universities) to publish well-structured information (i.e. presentation content, info about cluster participants, projects etc.)
- ✓ Immediate access to contact details and activity information of other clusters that are potential partners

## Investors

- ✓ Information about regional specialization, availability of innovation service providers, universities, companies that are potential partners
- ✓ Access to contact persons possessing comprehensive information about the development of field-specific sectors in a given region

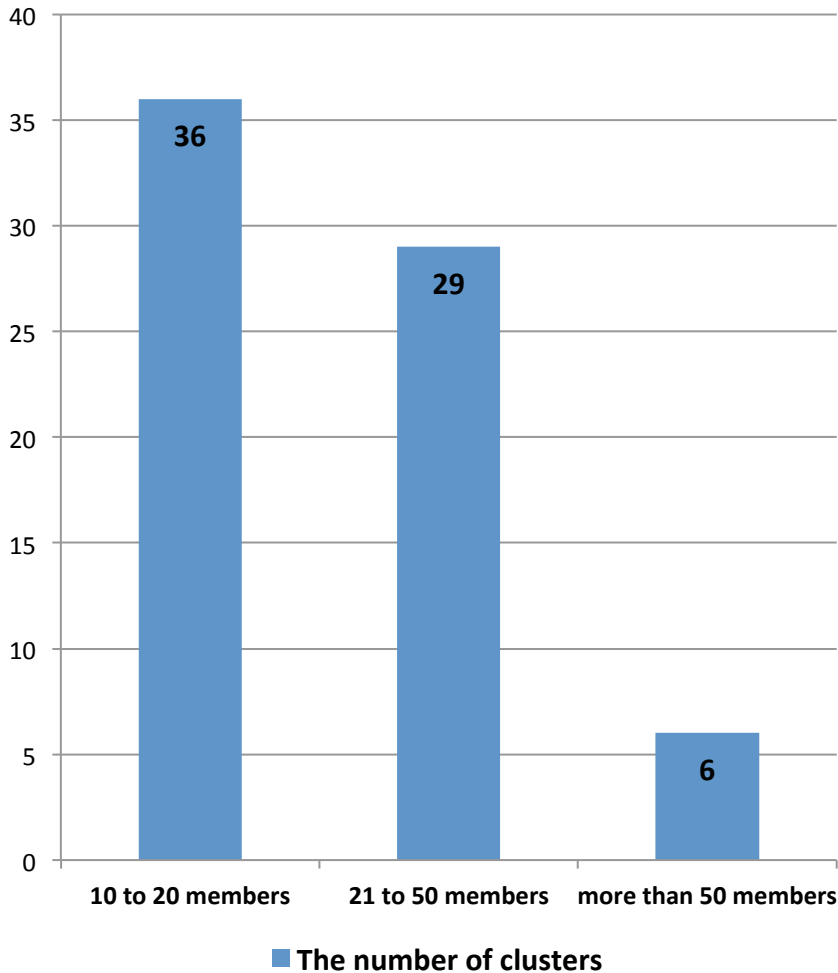




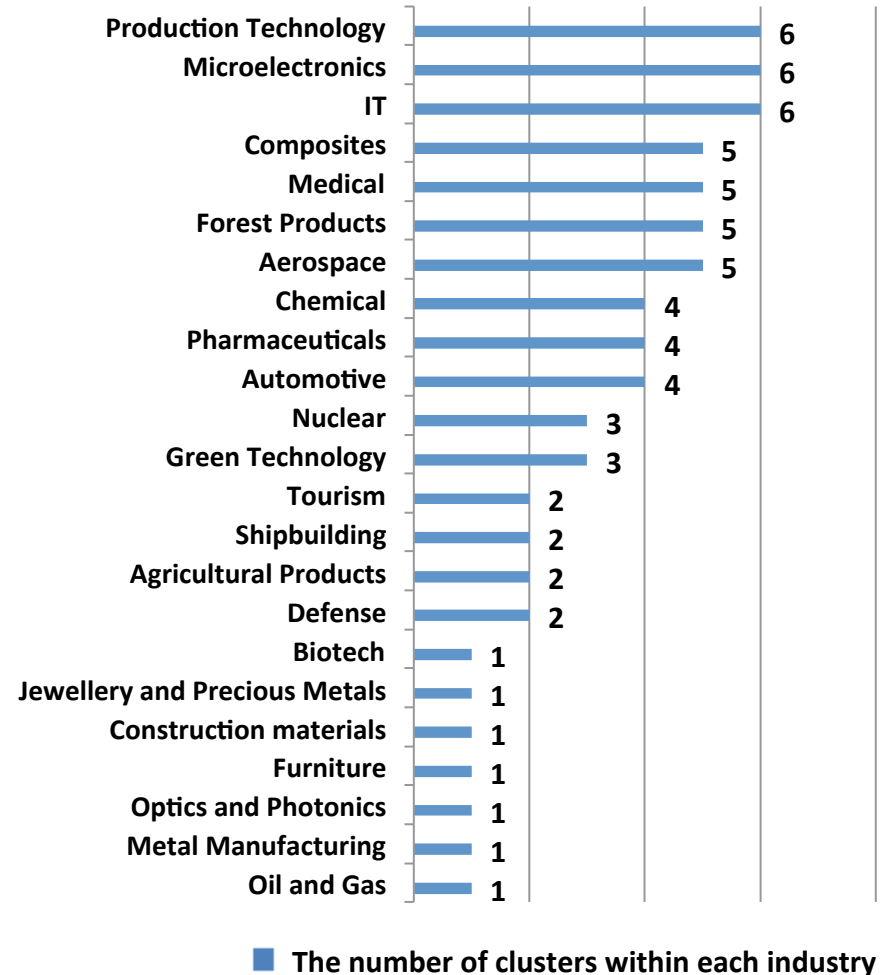
# Cluster size and industry specialization

**71** clusters mapped since September, 18

## Clusters size



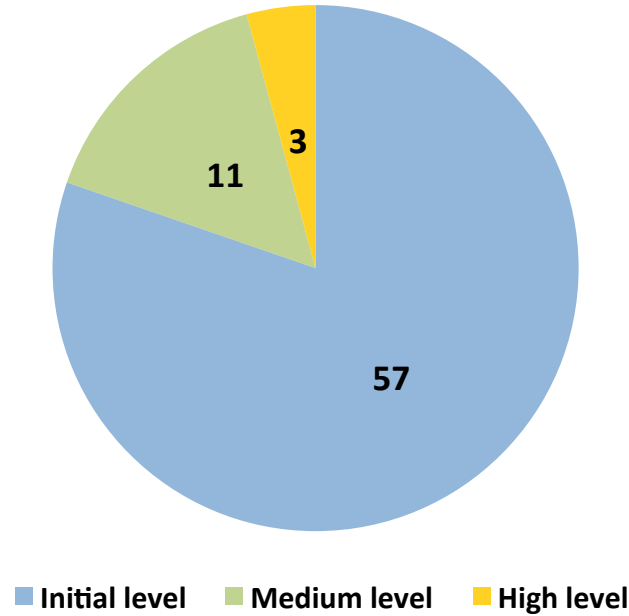
## Industry specialization of clusters



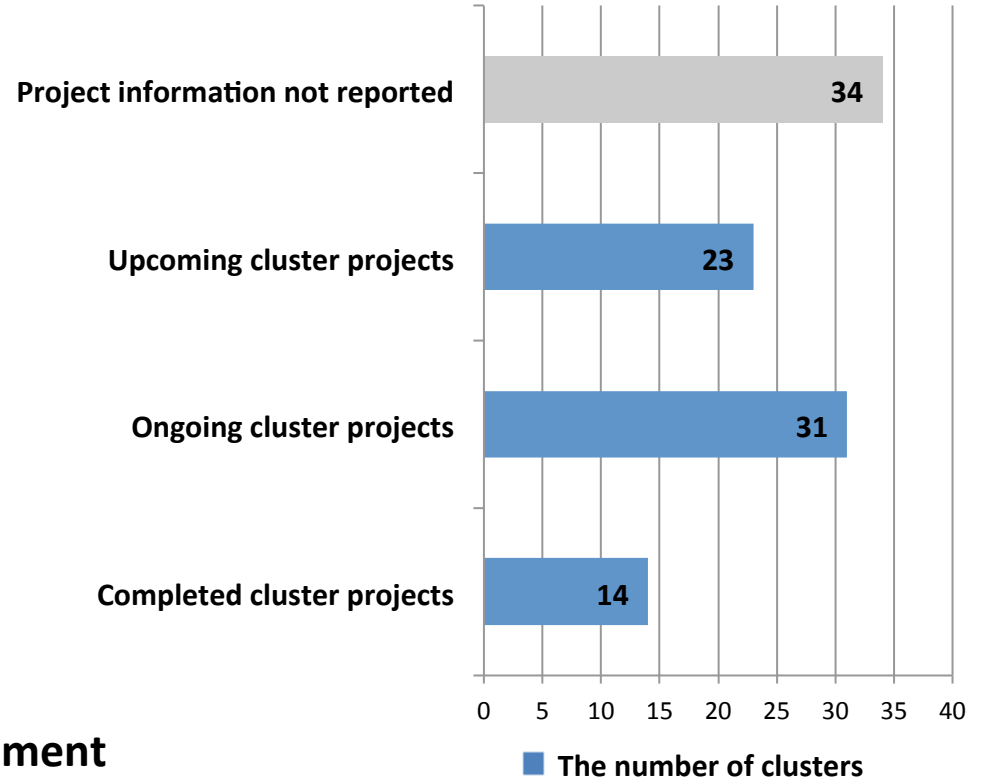


# The level of cluster institutional development

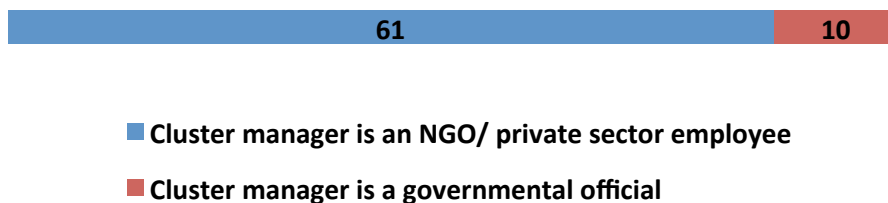
## Cluster development level



## Collaborative projects



## State influence on the cluster management





Thank you for your attention  
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