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**UNFS AND NEW RF RESERVES  
CLASSIFICATION PERFECTION PROPOSALS  
FOR THE SUSTAINABLE DEVELOPMENT GOALS**

# UNECE PROPOSALS: ESTABLISHMENT OF THE INTERNATIONAL CENTRE OF EXCELLENCE ON SUSTAINABLE RESOURCE MANAGEMENT (ICE-SRM) IN RUSSIA



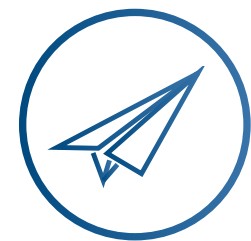
UNECE PROPOSES TO RUSSIA COLLABORATION IN ESTABLISHING AN INTERNATIONAL CENTRE OF EXCELLENCE IN SUSTAINABLE RESOURCE MANAGEMENT (ICE-SRM) BASED ON THE PRINCIPLES OF UNFC AND RESOURCE MANAGEMENT SYSTEM (UNRMS).

## OBJECTIVES:

- IMPROVEMENT OF SUSTAINABLE RESOURCE MANAGEMENT IN THE PARTNER COUNTRIES THROUGH THE INTRODUCTION OF THE RUSSIAN SYSTEM BASED ON UNFC AND UNRMS PRINCIPLES.
- SUPPORTING CONSISTENT RESOURCE REPORTING IN THE PARTNER COUNTRIES THROUGH THE DEVELOPMENT OF A MECHANISM FOR DESIGNATING COMPETENT PERSONS FOR RESOURCE ESTIMATION, WHICH ARE RECOGNIZED AT NATIONAL, REGIONAL AND INTERNATIONAL LEVELS.
- DEVELOPING A RESOURCE REPORTING FRAMEWORK BASED ON THE RUSSIAN SYSTEM ALIGNED TO UNFC AND UNRMS FOR INVESTMENT BANKS, DEVELOPMENT BANKS (THE NEW DEVELOPMENT BANK) AND OTHER FINANCIAL INSTITUTIONS TO INCREASE INVESTMENT.
- BROADENING OF COOPERATION AND PARTNERSHIP AMONG THE PARTNER COUNTRIES WILL BE ACHIEVED THROUGH THE DEVELOPMENT OF INTERCONNECTED NATIONAL CENTERS OF EXCELLENCE

# BASIC ACTIVITIES OF THE INTERNATIONAL CENTRE OF EXCELLENCE IN SUSTAINABLE RESOURCE MANAGEMENT (ICE-SRM) TO ACHIEVE THE STATED OBJECTIVES

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MULTI-STAKEHOLDER WORKSHOPS CONNECTING KEY INSTITUTIONS IN CIS COUNTRIES TO EXTEND THE PRINCIPLES OF UNFC AND UNRMS USING THE RUSSIAN SYSTEM AND ITS BRIDGING SCHEME AS A CONDUIT.



HIGH-LEVEL CONSULTATIONS WITH INVESTMENT BANKS, DEVELOPMENT BANKS (THE NEW DEVELOPMENT BANK) AND OTHER FINANCIAL INSTITUTIONS SUCH AS STOCK EXCHANGES IN CIS COUNTRIES AND THE INTERNATIONAL ACCOUNTING STANDARDS BOARD (IASB).



DEVELOPMENT OF DOCUMENTATION FOR THE RUSSIAN SYSTEM, UNFC- AND UNRMS-BASED REPORTING CODES AND APPLICATION GUIDELINES.



TRAINING COURSES FOR COMPETENT PERSONS, INCLUDING A FORMAL DESIGNATION PROCEDURE.



PREPARING EXAMPLES AND METHODOLOGIES FOR PRACTICAL APPLICATION OF MINERAL RESERVES AND RESOURCES ASSESSMENT.

# THE BASIS FOR SOLVING THE PROBLEMS IS INTERNATIONAL COOPERATION IN HARMONIZING APPROACHES FOR MINERAL RESERVES AND RESOURCES ASSESSMENT

ON MAY 30 - 31, 2018 THE INTERNATIONAL SCIENTIFIC-PRACTICAL CONFERENCE ON HARMONIZATION OF APPROACHES IN MINERAL RESERVES AND RESOURCES ASSESSMENT WAS HELD

THE CONFERENCE WAS ORGANISED BY UNECE, RF MINISTRY OF NATURAL RESOURCES, RF MINISTRY OF ENERGY, FBO STATE COMMISSION ON MINERAL RESOURCES, AND MGIMO UNIVERSITY

REPRESENTATIVES FROM RUSSIA, KAZAKHSTAN, KYRGYZSTAN, UZBEKISTAN, GREAT BRITAIN AND AFRICA PARTICIPATED IN THE CONFERENCE



## THE PARTICIPANTS OF THE CONFERENCE AGREED THAT:

- UNFC SHOULD BE A TOOL FOR EVALUATION OF PROJECTS RELATED TO MINERAL RESOURCES IN TERMS OF SOCIAL, ENVIRONMENTAL AND ECONOMIC BENEFITS, AND ALSO A SUPPORT TO INNOVATIVE FINANCING MECHANISMS.
- THE LEVEL OF COMPETENCE OF THE EXPERTS SHOULD BE INCREASED. PARTNERSHIPS WITH OTHER COUNTRIES AND ORGANIZATIONS WILL BE ESSENTIAL.

# DECISION OF THE COUNCIL ON INTERNATIONAL COOPERATION IN GEOLOGY AND SUBSOIL USE OF RF MINISTRY OF NATURAL RESOURCES

  
МИНИСТЕРСТВО ПРИРОДНЫХ РЕСУРСОВ И ЭКОЛОГИИ  
РОССИЙСКОЙ ФЕДЕРАЦИИ  
(Минприроды России)  
ПРОТОКОЛ  
г. МОСКВА  
27.05.2019 № 20-17/85-пр

ЗАСЕДАНИЯ  
СОВЕТА ПО МЕЖДУНАРОДНОМУ СОТРУДНИЧЕСТВУ В ОБЛАСТИ  
ГЕОЛОГИИ И НЕДРОПОЛЬЗОВАНИЯ МИНИСТЕРСТВА ПРИРОДНЫХ  
РЕСУРСОВ И ЭКОЛОГИИ РОССИЙСКОЙ ФЕДЕРАЦИИ  
ПОД РУКОВОДСТВОМ ДИРЕКТОРА ДЕПАРТАМЕНТА  
МЕЖДУНАРОДНОГО СОТРУДНИЧЕСТВА Н.Р.ИНАМОВА

12 апреля 2019 г.

Москва, Минприроды России

**Присутствовали:** по списку (прилагается)

**По вопросу о работе, проводимой Минприроды России по повышению эффективности международного сотрудничества в области недропользования**

(Н.Р.Инамов, А.В.Руднев, Е.А.Татаринцев)

1. Принять к сведению информацию Минприроды России о проводимой работе по активизации деятельности межправительственных комиссий, сопредседателем которых является Министр природных ресурсов и экологии Российской Федерации (ЮАР, Ангола, Гвинея, Зимбабве, Судан, Норвегия, Камбоджа), а также другими перспективными для сотрудничества государствами, в том числе, региона Азии, Африки, Латинской Америки.

Минприроды России готово оказывать содействие российским компаниям в выходе и закреплении на мировом рынке минерального сырья в условиях жесткой конкурентной борьбы с использованием возможностей государственной поддержки, в том числе по линии межправительственных комиссий.

2. Для повышения эффективности работы, направленной на содействие выходу и закреплению российских компаний на зарубежных рынках минерального сырья, рекомендовать компаниям:

активнее участвовать в деятельности межправительственных комиссий и профильных рабочих групп;

всесторонне вести проработку с зарубежными партнерами вопросов подписания коммерческих документов сотрудничества;

полнее использовать возможности Российского экспортного центра и группы «Эксар».

**По вопросу о новых возможностях деятельности российских компаний на зарубежных рынках минерального сырья с учетом гармонизации российской классификации запасов и ресурсов углеводородного сырья с международными классификациями**

(И.В.Шпуров, А.В.Орел, Н.Р.Инамов)

1. Минприроды России продолжить работу по созданию российского института международно-признанных экспертов по проведению экспертизы запасов.

> 2. Рекомендовать ФБУ «ГКЗ» продолжить работу совместно с ЕЭК ООН по созданию Системы устойчивого управления ресурсами ООН на базе Рамочной классификации ООН и российской классификации запасов и ресурсов углеводородного сырья, а также проработать предложение ЕЭК ООН о создании в России Международного центра передовых технологий с целью повышения инвестиционного потенциала российских компаний.

> 3. Рекомендовать ФБУ «ГКЗ» содействовать внедрению ключевых принципов российской классификации запасов и ресурсов углеводородного сырья на пространстве ЕАЕС и в других регионах, в том числе с использованием Связующего документа между российской классификацией и Рамочной классификацией ООН.

4. Продолжить обсуждение динамики проводимой работы на следующем заседании Совета.

**По вопросу о создании единой базы данных геолого-экономической информации по зарубежным государствам, где присутствуют российские компании**

(Р.С.Хисамов, Н.Р.Инамов, С.А.Хрущёв, С.Н.Уржумцев, А.В.Орел)

1. Принять к сведению предложения ПАО «Татнефть» имени В.Д.Шашина о создании единой базы данных геолого-экономической информации по зарубежным государствам, где работают, либо планируют работать российские компании-недропользователи.

2. Минприроды России совместно с АО «Росгеология» рассмотреть реальные возможности по систематизации имеющейся базы данных, содержащей информацию о политических, геологических, юридических компонентах, с учетом ее дальнейшего наполнению по востребованным параметрам.

2. RECOMMEND THE FBO STATE COMMISSION ON MINERAL RESOURCES TO CONTINUE WORKING TOGETHER WITH THE UNECE ON THE CREATION OF A UN SUSTAINABLE RESOURCE MANAGEMENT SYSTEM BASED ON THE UN FRAMEWORK CLASSIFICATION AND THE RUSSIAN CLASSIFICATION OF HYDROCARBON RESERVES AND RESOURCES; AND TO PREPARE THE PROPOSAL TO UNECE ON ESTABLISHMENT OF INTERNATIONAL CENTRE OF EXCELLENCE IN RUSSIA WITH THE PURPOSE TO EXPAND THE INVESTMENT POTENTIAL OF RUSSIAN COMPANIES.

3. RECOMMEND THE FBO STATE COMMISSION ON MINERAL RESOURCES TO PROMOTE THE IMPLEMENTATION OF THE KEY PRINCIPLES OF THE RUSSIAN HC RESERVES AND RESOURCES CLASSIFICATION IN THE EAEU AND OTHER REGIONS, INCLUDING THE USE OF A BRIDGING DOCUMENT BETWEEN THE RUSSIAN CLASSIFICATION AND THE UN FRAMEWORK CLASSIFICATION.

# IDEA AND OBJECTIVES OF THE PROJECT

## IDEA:

CREATE NEW (INDEPENDENT) CENTRES OF INVESTMENT DECISION-MAKING IN THE FIELD OF MINERAL RESOURCES DEVELOPMENT FOR RUSSIA AND PARTNER COUNTRIES: TO MAKE INVESTMENT DECISIONS BASED ON THE OWN (NATIONAL) REPORTING STANDARDS RECOGNIZED BY THE INTERNATIONAL COMMUNITY, AND BY THE COMPETENT PERSONS CERTIFIED BY THE NATIONAL SYSTEM OF EXPERTISE.

2019



2020



2021



2022



2023

### SHORT-TERM GOAL:

BY 2020, DEVELOP THE EXISTING SYSTEM OF RESERVES EXPERTISE IN RUSSIA TO THE LEVEL THAT ALLOWS RUSSIAN BANKS TO MAKE INVESTMENT DECISIONS ON FUEL AND ENERGY COMPLEX BASED ON THE STATE ASSESSMENT OF MINERAL RESERVES AND NATIONAL INDEPENDENT AUDIT INTEGRATED INTO IT

### LONG-TERM GOAL:

BY 2022, TO PROVIDE A BACKGROUND FOR INVESTMENT DECISIONS IN THE FIELD OF MINERAL RESOURCES DEVELOPMENT BY BRICS DEVELOPMENT BANK (NDB) AND OTHER INTERNATIONAL FINANCIAL INSTITUTIONS ON THE BASIS OF RUSSIAN REPORTING (INTEGRATED INTO THE INTERNATIONAL FRAMEWORK CLASSIFICATION (UNFC)) AND CERTIFIED BY RECOGNIZED RUSSIAN COMPETENT PERSONS.

# KEY ELEMENT IN THE UNIFIED APPROACHES TO RESERVE ASSESSMENT IS INTRODUCTION OF EXPERT IN SUBSOIL USE AND COMPETENT PERSON INSTITUTIONS

## WHAT IS READY

PROFESSIONAL BODY OF EXPERTS: ~ 860 MEMBERS, INCLUDING 8 EXPERTS FROM CIS COUNTRIES

PROPOSALS FOR INCLUDING IN REGULATIONS ARE SUBMITTED TO RF MINISTRY OF NATURAL RESOURCES AND ROSNEDRA (SUBSOIL LAW, GOVERNMENT REGULATIONS NO. 69 AND 118)

### EXPERT TRAINING AND CERTIFICATION PROGRAM



346 PEOPLE ARE TRAINED (INCLUDING TWO EXPERTS FROM CIS COUNTRIES)  
(AMONG THEM ARE: GROUNDWATER — 23; SOLID COMMERCIAL MINERALS — 47; HC — 260;  
ECONOMICS/LEGAL BASIS OF SUBSOIL USE — 16)

### APPROVED BY EUES ASSEMBLY ARE:



CRITERIA FOR ACCREDITATION OF EXPERTS; REGULATION ON ACCREDITATION COMMISSION;  
CODE OF ETHICS, REGULATION ON ETHICAL COMMISSION  
ALGORITHM OF EXPERTS ELECTION FOR STATE EXPERT REVIEW

### ACCREDITATION AND ETHICS COMMISSIONS ARE FORMED



FIVE EXPERTS IN SUBSOIL USE ARE ACCREDITED  
PURTOVA I.P., DAVYDOV A.V., SMAGINA T.N., FEDOROV V.N., ZABBAROVA R.A.

UNDER DISCUSSION IS A MECHANISM OF NEW EXPERTS INVOLVEMENT; REGULATION ON MENTORSHIP

ON MAY 21, 2017 EUES BECOMES A FULL MEMBER OF EFG (22 COUNTRIES + MUTUAL RECOGNITION WITH USA, CANADA, AUSTRALIA, ETC.)



MEMBERS OF PROFESSIONAL  
BODY POTENTIAL

**~ 15 000 PERSONS**

(EXPERT CANDIDATES)



EXPERT IN SUBSOIL USE  
POTENTIAL

**~ 3 000 PERSONS**



COMPETENT PERSON  
POTENTIAL

**~ 300 PERSONS**

# THE ROAD MAP FOR ESTABLISHMENT OF EXPERT IN SUBSOIL USE AND COMPETENT PERSONS INSTITUTION

STAGES	AS OF 2017-2019 CREATION OF THE PROCEDURE FOR EXPERTS EVALUATION	STAGE I: 2019-2020 CHANGES TO REGULATIONS	STAGE II: 2021-2022 FORMATION OF REGISTERS	STAGE III: 2022-2024 SYSTEM IMPLEMENTATION
RESULT	<ul style="list-style-type: none"> <li>PROCEDURE FOR ACCREDITATION OF EXPERTS IS DEFINED</li> <li>CONTINUING PROFESSIONAL DEVELOPMENT PROGRAM IS LAUNCHED</li> <li>BASIS FOR MAKING CHANGES IN REGULATIONS IS CREATED</li> <li>CONCEPT OF A NATIONAL RESOURCES AUDIT IS DEVELOPED</li> <li>THE CONCEPT IS UNDER DISCUSSION WITH FEDERAL EXECUTIVE AUTHORITY</li> </ul>	<ul style="list-style-type: none"> <li>STATUS OF EXPERT (COMPETENT PERSON) AND EXTERNAL ADVISORS ARE LEGISLATED</li> <li>200 EXPERTS (10% OF THE REQUIRED NUMBER) AND 20 COMPETENT PERSONS ARE ACCREDITED</li> <li>FORMATION OF EXTERNAL/INDEPENDENT ADVISORS</li> </ul>	<ul style="list-style-type: none"> <li>FORMATION OF REGISTERS OF EXPERTS IN SUBSOIL USE, COMPETENT PERSONS, AND EXTERNAL ADVISORS</li> <li>500 EXPERTS (25%) AND 50 COMPETENT PERSONS ARE ACCREDITED</li> <li>PRIORITY OF INVOLVEMENT IN THE STATE EXPERT APPRAISAL — ACCREDITED EXPERTS</li> <li>ACCREDITATION OF EXTERNAL ADVISORS</li> <li>EXTERNAL ADVISORS INVOLVEMENT IN PILOT PROJECTS FOR BANKS AND EXCHANGES</li> </ul>	<ul style="list-style-type: none"> <li>REGISTERS OF EXPERTS IN SUBSOIL USE, COMPETENT PERSONS, AND EXTERNAL ADVISORS ARE FORMED AND BEING MAINTAINED</li> <li>1000 EXPERTS (100%) AND 100 COMPETENT PERSONS ARE ACCREDITED</li> <li>INVOLVEMENT IN THE STATE EXPERT APPRAISAL — ONLY ACCREDITED EXPERTS AND COMPETENT PERSONS</li> <li>ACCREDITED ADVISORS INVOLVEMENT IN RESERVES ASSESSMENT FOR BANKS AND EXCHANGES</li> </ul>



# PROPOSALS



CONTINUE TO WORK ON HARMONIZATION OF CIS COUNTRIES NATIONAL CLASSIFICATIONS WITH THE RUSSIAN CLASSIFICATION AND INTERNATIONAL SYSTEMS



CONTINUE TO DEVELOP CASE STUDIES FOR THE BRIDGING DOCUMENT BETWEEN THE UNFC AND THE RUSSIAN HC RESERVES CLASSIFICATION



CONTINUE TO DISCUSS THE ESTABLISHMENT OF INTERNATIONAL CENTRE OF EXCELLENCE IN SUSTAINABLE RESOURCE MANAGEMENT (ICE-SRM) BASED ON THE PRINCIPLES OF UNFC AND RESOURCE MANAGEMENT SYSTEM (UNRMS)



SUPPORT EUES EFFORTS TO FORM A SINGLE EXPERT COMMUNITY IN THE FIELD OF SUBSOIL USE THROUGHOUT THE CIS, INCLUDING THE RECOMMENDATION FOR CIS EXPERTS TO BE TRAINED AND ACCREDITED; TO DEVELOP PROPOSALS FOR CHANGES IN REGULATIONS AIMED AT CREATION OF SINGLE EXPERT COMMUNITY IN CIS COUNTRIES