



# **Sustainable Energy Subprogramme**

## **Quarterly Report**

**4<sup>th</sup> Quarter 2018**  
**(October to December 2018)**

**This document is an informal document submitted to the Bureau of the Committee on Sustainable Energy to assist the Bureau in its oversight of activities under this sub-programme.**

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## Committee on Sustainable Energy (CSE)

### 1. Activities

- (a) 12-15 November 2018: The Government of Ukraine kindly hosted the **9<sup>th</sup> International Forum on Energy for Sustainable Development** in Kiev. The sustainable energy subprogramme led the organisation of the Forum, traditionally an event by all five Regional Commissions. Four workshops were held about **Pathways to Sustainable Energy** (14-15 November: **Pathways to Sustainable Energy stakeholder information & consultation workshop: Intermediary modelling results & policy scenario scoping, early warning system, role of renewables in sustainable energy scenarios; sustainable energy scenarios for Eastern Europe**). Workshop participants had the opportunity to discuss the interim modelling results and brainstorm adaptive policy pathways at a subregional level, as well as propose concepts for an early warning system. More information about the event and events from expert groups in the relevant chapter in this report. Presentations and documents can be found here: <https://www.unece.org/energy/welcome/areas-of-work/energy-efficiency/meetings-and-events/energy-efficiency/energy-efficiency/2018/ninth-international-forum-on-energy-for-sustainable-development/docs.html>
- (b) 14 December 2018: Mr. Sergio Garribba, Vice-Chair, presented the main outcomes and decisions of the Committee 27<sup>th</sup> session to **the UNECE Executive Committee**. All requests were approved. The Chair's paper and presentation have been sent to the Bureau. All documents can be found on the website of the Executive Committee (access details upon request).

### 2. Upcoming Events

- (a) 4 February 2019: **First Bureau meeting in the new Bureau composition**, Geneva, Palais des Nations. On the agenda: preparations for the 16 May 2019 informal, open-ended Committee session featuring requests from countries concerning the future structure and priorities of the subprogramme, enhancing impact and efficiencies of the expert groups and pathways to sustainable energy. **Future Bureau meetings** will be announced soon, likely in April (for the preparations of the Committee consultation and pathways), in June (before the document deadline of the Committee), in early September and during the Committee session.
- (b) 20-21 March 2019: **Regional Forum on Sustainable Development for the UNECE region**, International Conference Centre Geneva (CICG): Theme: "Empowering people and ensuring inclusiveness and equality". Sustainable Development Goals (SDGs) under review: SDG 4 (quality education), SDG 8 (decent work and economic growth), SDG 10 (reduced inequalities), SDG 13 (climate action), and SDG 16 (peace, justice and strong institutions), in addition to SDG 17 (partnership for the Goals). <http://www.unece.org/index.php?id=49755>
- (c) 8-9 April 2019: The **Day of Cities** will bring together Mayors, urban managers and other key municipal practitioners for an exchange of views and knowledge sharing of good practices and successful planning strategies on the 2030 Agenda and sustainable cities. In two roundtables, participants will discuss approaches on how to create smart sustainable cities, focusing on ways to improve the quality of life of people and on improving efficiency of urban operations, services and competitiveness. The exhibition "Smart Sustainable Cities" will complement the programme and the **68<sup>th</sup> session of the Economic Commission for Europe**. Member States, International Organizations, cities and private businesses are invited to come together to showcase their work, present innovative concepts, effective approaches in support of the SDGs at the municipal, national and regional level in the framework of an information fair. <http://www.unece.org/housing/dayofcities.html>
- (d) 14-15 May 2019: **Consultation workshop in the context of the Pathways to Sustainable Energy Project**. Discussion of policy recommendations and key messages resulting from the first phase of the Pathways project; brainstorming on future phases of the Pathways project, **subregional workshop on capacity building for Central Asia and discussion on the role of gas in sustainable energy**.
- (e) 16 May 2019: The Committee requested a **consultation process with member States** on its strategic direction, mission and vision with regards to the implementation of the 2030 Agenda on Sustainable Energy and in parallel wished to be consulted on adaptive policy pathways derived from the project Pathways to Sustainable Energy it oversees. See also 2(a).

- (f) 25-27 September 2019: **28<sup>th</sup> session of the Committee on Sustainable Energy**, Geneva: this meeting will seek new mandates and work plans for the six expert groups and conclude on the consultation process with member States as per above.

3. Main Challenges

- (a) Staffing and recruitment. End of JPO contract (3 October 2018).
- (b) Attracting UNECE member States to meetings and cannibalizing effect of meeting invitations to experts.
- (c) Funding situation of the project “Pathways to Sustainable Energy”.

4. Resources

70% P5, 20% TJO, 1 G5.

## Group of Experts on Energy Efficiency (GEEE)

### 1. Activities

- (a) The Group of Experts on Energy Efficiency (GEEE) has continued the implementation of the Work Plan of GEEE for 2018-2019.
- (b) The fifth session of the Group of Experts on Energy Efficiency was held on 13-15 November 2018 in Kiev in the framework of the Ninth International Forum on Energy for Sustainable Development. All documents of the fifth session of GEEE are posted at <https://www.unece.org/index.php?id=49016>. The Forum websites: <https://energyforum.org.ua/> and <https://www.unece.org/index.php?id=49144>.
- (c) In the framework of the fifth session, several workshops were organized: Making Industrial Energy Efficiency the New Normal; Workshop on Energy Efficiency in Buildings; Workshop on the Role of Utilities, Big Data and Geo-Spatial Data in Energy Transition; Workshop on Overcoming Barriers to Improving Energy Efficiency and Renewable Energy. Presentations made at the workshops are available at the session website.
- (d) The secretariat continued implementation of activities under the Joint Task Force (JTF) on Energy Efficiency Standards in Buildings (EESB). The study on the mapping of Energy Efficiency Standards in Buildings in the UNECE region was finalized in August 2018 and is available in English and Russian at: <https://www.unece.org/energywelcome/areas-of-work/energy-efficiency/activities/energy-efficiency-in-buildings.html>. The study on the mapping of technologies to enhance energy efficiency in buildings in the UNECE region is in the process of being finalized; the second draft of the study is available at the website above. Work on establishing an online database of experts in energy efficiency in buildings is continuing.
- (e) The Third Meeting of the Joint Task Force on Energy Efficiency Standards in Buildings-Workshop on the results of mapping the technologies to enhance energy efficiency in buildings (<https://www.unece.org/index.php?id=49005>) was held on 3 October 2018 in Geneva. The Fourth Meeting of the Joint Task Force on Energy Efficiency Standards in Buildings-Workshop on energy efficiency in buildings was held as part of the fifth session of GEEE in the framework of the Ninth Forum on 13 November in Kiev (<http://www.unece.org/index.php?id=50231>).
- (f) The newly established Task Force on Industrial Energy Efficiency endorsed at the [27th session of the Committee on Sustainable Energy](#) on 26-27 September 2018 has commenced its activities. Two Co-Chairs of the Task Force were elected at the fifth session of the Group of Experts on Energy Efficiency on 13-15 November 2018. The secretariat and Co-Chairs have started the process of dissemination of information on the Task Force, planning the activities, and considering potential sources of funding to support those activities.
- (g) Staff members participated in the following events:
  - Workshop on validation of results of mapping of technologies to enhance energy efficiency in buildings - Third meeting of the Joint Task Force on Energy Efficiency Standards in Buildings, Geneva, 3 October 2018.
  - OSCE Economic and Environmental Dimension Implementation Meeting, Vienna, 15-16 October 2018.
  - Preparatory mission for organization of the Ninth International Forum on Energy for Sustainable Development, Kiev, 17-18 October 2018.
  - SDG7 Technical Advisory Group Meeting, WHO Headquarters, Geneva, 2 November 2018.
  - Ninth International Forum on Energy for Sustainable Development, Kiev, 12-15 November 2018.
  - Fifth session of the Group of Experts on Energy Efficiency, Kiev, 13-15 November 2018 (in the framework of the Ninth Forum).
  - Fourth Meeting of the Joint Task Force on Energy Efficiency Standards in Buildings-Workshop on energy efficiency in buildings, Kiev, 13 November 2018 (in the framework of the Ninth Forum and fifth session of GEEE).

### 2. Upcoming Events

- (a) List of events organized by UNECE or where UNECE work on energy efficiency will be presented:

- United Smart Cities: implementing smart sustainable cities approaches worldwide, Kiev, 29 January 2019 (in the framework of the of the Business for Smart Cities ExpoCongress, 29-31 January 2019)
- Workshop on Outcomes of the UNECE project on Energy Efficiency Standards in Buildings - Fifth Meeting of the UNECE Joint Task Force on Energy Efficiency Standards in Buildings, Yerevan, 14 - 15 March 2019.
- World Smart Energy Summit, Moscow, 26-27 March 2019.

3. Main Challenges

- (a) Due to the selection of the secretary of GEEE to the post of Regional Adviser, the Chief of Section is the secretary of GEEE *ad interim*.
- (b) Additional resources (financial and in-kind) for activities under the Work Plan, particularly for 2019-2020.
- (c) Broader participation by UNECE member States in the activities of this Group of Experts.
- (d) Identification and prioritization of the most promising areas for cooperation with other Groups of Experts.

4. Resources

1 D1 (15%), 1 P5 (20%), 1 P4 (vacant as of November 2018), 1 P2 (until 31 January 2019), 1 G5 (40%).

## **Group of Experts on Cleaner Electricity Production from Fossil Fuels (CEP)**

### **1. Activities**

- (a) The Group of Experts on Cleaner Electricity Production from Fossil Fuels (CEP) continued to implement its 2018-2019 work plan.
- (b) Following CSE's decision to change name of the Group of Experts on CEP to the Group of Experts on Cleaner Electricity Systems (CES), activities have been initiated in this direction to make sure that UNECE's work on electricity is expanded in the area beyond fossil fuels. This includes work on an expanded work plan and terms of reference.
- (c) The Group of Experts participated in the 9<sup>th</sup> International Forum on Energy for Sustainable Development, held in Kiev in November 2018, where it organized a workshop on investments into clean energy technology. The event reviewed country experiences and financial mechanisms needed to progress renewable energy deployment, improve energy efficiency and deploy cleaner fossil fuel technologies.
- (d) In December 2018, the Group of Experts participated in the UNFCCC 24<sup>th</sup> conference of the Parties where it took lead – along with EGRC, GEG and Group of Experts on CMM – on a side event: “Deep Transformation of the Energy System through Electricity”. The event looked into the principles for financing clean energy projects in the context of 2030 Agenda and explore possibilities to mobilise the needed investments to decarbonize energy and increase the overall efficiency of the electricity sector.

### **2. Upcoming Events**

- (a) 1<sup>st</sup> session of the new Group of Experts on Cleaner Electricity Systems, October 2019.

### **3. Main Challenges**

- (a) Insufficient regular budget resources.
- (b) Identify and secure the extrabudgetary resources needed to carry out the work plan and related capacity building activities.

### **4. Resources**

1 P5 (10%), 1 P4 (50%), 1 G6 (25%), plus in-kind contributions by experts.

## Group of Experts on Renewable Energy (GERE)

### 1. Activities

- (a) The Group of Experts on Renewable Energy (GERE) has continued the implementation of the Work Plan 2018-2019.
- (b) The 5<sup>th</sup> GERE session and the Ninth International Forum on Energy for Sustainable Development were organized in Kiev, Ukraine, 12-15 November 2018. The agenda and the other parliamentary documents were posted on GERE webpages. Eleven sessions were dedicated to renewable energy topics relevant for the current GERE work plan and were organized with various partner organizations, including ESCWA, UNITAR, IEA, IRENA, EU DG DEVCO, EU DG NEAR and EU TAF (see at: <https://www.unece.org/index.php?id=49080>)
- (c) The UNECE Renewable Energy Hard Talk took place in Bosnia and Herzegovina on 4-5 December from a water-food-energy-ecosystem nexus perspective, fostering transboundary cooperation on renewable energy and action across sectors among the riparian countries of the Drina river: Bosnia and Herzegovina, Montenegro and Serbia (see at: <https://www.unece.org/energy/welcome/areas-of-work/renewable-energy/unece-hard-talks.html>)
- (d) Preparatory work continued with Ministry of Mining & Energy, Republic of Serbia for the organization of the Renewable Energy Hard Talks in Serbia scheduled on 21-22 March 2019. The GERE Vice-Chair is coordinating the organization of this multi-stakeholder dialogue for the host country.
- (e) Staff member participated in the following events:
  - 25-26 October 2019: participation in the OSCE on “The importance of Energy for economic growth and co-operation in the Mediterranean”. Staff member participated as panellist in a session on “Connectivity, growth and co-operation: the role of energy, presenting experience in promoting renewable energy”. The situation in the Mediterranean and similarities with countries of South East and Eastern Europe, Central Asia and the Caucasus were pointed out;
  - 12-15 November 2019: organization and coordination of the the 5th GERE session and the Ninth International Forum on Energy for Sustainable Development held in Kiev, Ukraine. 11 session on renewable energy. Staff member participated as speaker or moderator in 4 sessions of the Forum/ GERE annual session;
  - 4-5 December 2019. Renewable Energy Hard Talk in Bosnia and Herzegovina from a water-energy nexus perspective, as part of a project in the Drina river basin. The Renewable Energy Hard Talk in Bosnia and Herzegovina on 4-5 December, funded by Italy, brought together major players in the energy field from public and private sector to discuss key issues, identify priorities and proposed concrete recommendations for policy changes needed to overcome policy, legal, regulatory, technical barriers and take advantage of untapped renewable energy potential.

### 2. Upcoming Events

List of events organized by UNECE or where UNECE work on renewable energy will be presented:

- Panel discussion at workshop on Sustainable Electricity Trajectories of the MENA-SELECT project, Jordan, bringing the example on renewable energy investments in UNECE countries, Amman, 29-30 January 2019;
- Hard Talk on Renewable Energy in Serbia within the context of the Drina river project, Belgrade, 21-22 March 2018;

### 3. Main Challenges

- (a) Additional resources (financial and in-kind) for activities under the Work Plan 2018-2019.
- (b) Possible impact of the UN Reform/ UNECE Budget on the SE Division and subsequently on the RE activities.
- (c) The support of the JPO to the renewable energy work will not be available anymore and additional resources/ support might be envisaged.
- (d) Broader participation by UNECE member States in the activities of this Group of Experts.
- (e) Strengthening the work of GERE as contribution to the 2030 Agenda for Sustainable Development as well as, in this direction, identification and prioritization of the most promising areas for cooperation with other Groups of Experts and other UNECE areas. Development programmes and/ or projects for possible XB funding.

### 4. Resources

1 P5 (20%), 1 P4, JPO/ P3 (30%), 1 G5 (40%).

## Group of Experts on Coal Mine Methane (GoE on CMM)

### 1. Activities

- (a) GoE on CMM continues to work on the deliverables prescribed in its 2018-2019 work plan.
- (b) Activity A: Disseminate and Expand the Best Practice Guidance for Effective Methane Drainage and Recovery in Coal Mines (BPG)
- 500 hundred hard-copies of the official translation of the BPG into Spanish have been printed and delivered.
  - 500 hundred hard-copies of the official translation of the BPG into Russian have been printed and delivered.
  - An unofficial translation of the BPG into Polish based on an in-kind contribution by the International Centre of Excellence on CMM (ICE-CMM) in Poland has been approved by the UN HQ in New York. It is to be published and posted on-line in Q1 2019.
  - An unofficial translation of the BPG into Chinese based on an in-kind contribution by the ICE-CMM in China has been approved by UN HQ in New York. It will be published and posted on-line in Q1 2019.
  - The Chair of the Group and the Chairman of ICE CMM in China participated in a debate held at COP24 titled *Conventional and Unconventional Gas as a Destination Fuel for the Green Economy* organized by ICE-CMM in Poland on 10 December in Katowice, Poland.  
(<https://www.unece.org/index.php?id=50995>).
  - A one-day-long seminar on *Best Practices in Coal Mine Methane Capture and Utilization* was delivered within the framework of the Ninth International Forum on Energy for Sustainable Development on 15 November in Kyiv, Ukraine. The event organized in cooperation with GMI featured 8 technical presentations, which are posted at:  
(<https://www.unece.org/index.php?id=50984>).
- (c) Activity B: Launch and support the work of the International Centres of Excellence (ICE) on CMM
- ICE-CMM in Poland organized a debate held at COP24 titled *Conventional and Unconventional Gas as a Destination Fuel for the Green Economy*, 10 December, Katowice, Poland
  - ICE-CMM China contributed to a debate held at COP24 titled *Conventional and Unconventional Gas as a Destination Fuel for the Green Economy* organized by ICE-CMM in Poland on 10 December in Katowice, Poland.
  - ICE-CMM in Poland organized a coordination meeting between the Centres in Poland and in China, 11 December, Sosnowiec Poland (<https://www.unece.org/index.php?id=50998>).
  - The project allowing for better coordination of activities of ICE-CMMs titled *Strengthening national capacity of the UN member States for environmentally responsible methane management through coordination of activities of the International Centre of Excellence on Coal Mine Methane in Poland* sponsored by ICE-CMM in Poland was approved by EXCOM at its 102<sup>nd</sup> meeting held in Geneva on 14 December.
- (d) Activity C: Collect and disseminate case studies on the application of BPG in specific coal mines in different regions of the world
- 18 presentations delivered at the events in Kyiv, Katowice, and Sosnowiec were posted on the CMM website.
- (e) Activity D: Contribute, in cooperation with other Groups of Experts and under the leadership of the Committee on Sustainable Energy, to the work on integrated methane management in the context of sustainable development.
- The first draft of a document on best practices in efficient monitoring, reporting, verification and mitigation of methane emissions in the oil and gas sectors developed within the framework of the XB project on *Methane Management in Extractive Industries* has been prepared and submitted for Secretariat's review. The peer review of the document is to commence in Q1 2019.
- (f) Activity E: Further engage, in cooperation with other Groups of Experts and under the leadership of the Committee on Sustainable Energy, in the work on transition the coal industry in the ECE region
- Relevant stakeholders, such as ENavi Kopernikus project and Innovationsregion Lausitz GmbH participated in two panel discussions on modernization of the energy sector that were co-



organized by UNECE and held within the frameworks of the Ninth International Forum on Energy for Sustainable Development in Kyiv (13 November), and COP24 in Katowice (10 December).

- A draft document identifying the next steps to be taken within the project has been prepared.

2. Upcoming Events

- (a) A full day session on *Best Practices in Coal Mine Methane Capture and Utilization* co-organized by ICE-CMM in Poland, the Group of Experts on CMM, and GMI, held within the framework of the 2019 International Mining Forum, 25-27 February, Cracow, Poland

3. Main Challenges

- (a) Funding for the secretariat to service GoE on CMM and its Bureau.  
(b) Shutdown of the US Government temporarily hindering cooperation with US EPA

4. Resources

1 P5 (20%), 1 P3 (75%) and 1 G6 (25%), plus in-kind contributions by experts.

## Expert Group on Resource Management (EGRM)

The UNECE Executive Committee at its 102nd meeting on 14 December 2018 approved the change of name of the Expert Group on Resource Classification to the Expert Group on Resource Management and also the revised [Terms of Reference](#) which reflect the refocus to the delivery of the 2030 Agenda, in particular, SDGs 7, 9, 11, 12, 13, and 17 and emphasis on sustainable resource management.

### 1. Activities

- (a) Deliverables of the [work plan for 2018-2019](#) are being implemented. The Bureau met on 11 October and 26 November to review progress on implementation of the work plan and prepare for the UNECE Resource Management Week 2019, including the EGRM tenth session. The Technical Advisory Group met on 9 November. All other EGRM sub-groups continued to meet and communicate by email.
- (b) EGRM tenth session documents are being prepared and reviewed by the Technical Advisory Group and the Bureau, including draft specifications for application of the United Nations Framework Classification for Resources (UNFC) to wind energy and a pilot project to classify Mexico's petroleum resources and reserves based on UNFC.
- (c) An update of UNFC has been initiated in response to (a) the need for full alignment with the Sustainable Development Goals; (b) the broadening scope of sectors covered by UNFC; and (iii) the inputs from the Task Force on Social and Environmental aspects. The current alignments and bridging to other systems will not be impacted by this update. A draft text was circulated to the Bureau, Technical Advisory Group and Chairs of all EGRM sub-groups for comment.
- (d) The draft document "Redesigning the Uranium Resource Pathway: Application of UNFC for Planning and Implementing Sustainable Uranium Projects" was issued for [public comment](#). The comment period opened on 17 December and closes on 15 February 2019. The intent is to issue the document as an ECE Energy Series publication.
- (e) The UNECE Executive Secretary delivered the keynote address in the opening session of the EuroGeoSurveys General Assembly Meeting, Bratislava, Slovakia, 16–17 October 2018. The opening remarks were focussed on UNECE's work on resource management and classification.
- (f) 54th CCOP Annual Session, Busan, South Korea, 28 October–1 November 2018 included a UNFC focus. A UNFC Workshop was also organized in cooperation with Petrad, CCOP and the Korea Institute of Geoscience and Mineral Resources (KIGAM), 30 October 2018.
- (g) Second UNFC-African Mineral Resource Classification and Management System (AMREC) Technical Working Group Meeting was held in Dakar, Senegal, 4–7 November 2018.
- (h) Sessions on Critical Raw Materials (CRM) for Sustainable Energy Systems and Nuclear Energy were organized at the 9th International Forum on Energy for Sustainable Development, Kyiv, Ukraine, 12–15 November. All included a focus on UNFC and a news article was issued for the CRM event: "[New approaches for managing critical raw materials are essential for sustainable development](#)".
- (i) The first workshop on "Application of UNFC for Sustainable Resource Management" under the project on Integrated energy and water resource management in support of sustainable development in South-East Europe and Central Asia (2018-2021) funded by the UN Development Account 11th Tranche was held at the Forum in Kyiv on 15 November. A news article was issued "[Leveraging integrated energy, mineral and groundwater resource management using UNFC](#)".
- (j) UNECE and European Commission organized a workshop on "[UNFC for Sustainable Resource Management in Europe](#)" in cooperation with the European Federation of Geologists and EuroGeoSurveys on 16 November as part of the Raw Materials Week 2018, 12-16 November 2018, Brussels, Belgium. A Press Release was issued "[Towards the use of the UN Framework Classification for Sustainable Resources Management in Europe](#)".
- (k) The article "[Beyond Classification – Managing Resources Sustainably](#)" was published by Mineralproduksjon, volume 8-2018. The article was published to coincide with the 34th Geological Society of Norway Winter Meeting, Bergen, Norway, 7–9 January 2019

### 2. Upcoming Events

- (a) Workshop on Case Studies on the Chinese UNFC Minerals and Petroleum Bridging Documents, Beijing, China, 29 January 2019
- (b) International Geothermal Association (IGA), World Bank and IRENA UNFC Geothermal Workshop, Addis Ababa, Ethiopia, 4–7 February 2019

- (c) Petrad Training Course on National Management of Petroleum Resources, Application of UNFC for Resource Management, Stavanger, Norway, 11–22 March 2019
- (d) UNECE Resource Management Week 2019, including the EGRM tenth session, Geneva, Switzerland, 29 April–3 May 2019

3. Main Challenges

- (a) Capability of secretariat to: service EGRM, its Bureau (23 members) and 20 sub-groups; respond to technical requests; organize workshops; update website; identify speakers for conferences etc.
- (b) Extrabudgetary funding urgently needed.

4. Resources

1 P5 (40%). EGRM and UNFC and UNRMS development dependent on significant voluntary contributions (time, travel and sponsorship).

## Group of Experts on Gas (GEG)

### 1. Activities

- (a) The Group of Experts on Gas (GEG) continues to implement its work plan for 2018-2019.
- (b) The GEG Bureau held several Bureau conference calls dedicated to preparations for the 6<sup>th</sup> session in March 2019. The Group prepared an annotated agenda and a document on methane management.
- (c) The implementation of the extrabudgetary project “Methane Management in Extractive Industries (Upstream Oil and Gas / Downstream Gas)” continues. The consultant developed a 70-page first draft that is currently being discussed internally and reviewed by the Steering Committee.
- (d) The Group of Experts participated in the 9<sup>th</sup> International Forum on Energy for Sustainable Development, held in Kiev in November 2018. The Group organized an interactive policy dialogue on the enabling role of gas in attaining the Sustainable Development Goals (SDGs).
- (e) In December 2018, the Group of Experts participated in the UNFCCC 24<sup>th</sup> Conference of the Parties. GEG experts presented their views at two events: “Deep Transformation of the Energy System through Electricity” and “Conventional and Unconventional Gas as a Destination Fuel for the Green Economy”.

### 2. Upcoming Events

- (a) 6<sup>th</sup> Session of the Group of Experts on Gas, 25-26 March 2019, Geneva
- (b) Joint workshop of UNECE and the Global Methane Initiative’s Oil & Gas Sub-committee, 26 March 2019, Geneva
- (c) Industry Workshop on Methane Emissions, 27 March 2019, Geneva

### 3. Main Challenges

- (a) Insufficient regular budget resources to service GEG, its Bureau and 4 task forces.
- (b) Identify and secure the extrabudgetary resources needed to carry out the work plan and related capacity building activities.

### 4. Resources

1 D1 (15%), 1 P5 (15%), 1 P4 (50%), 1 P3 (20%), 1 G6 (25%) plus in-kind contribution by experts.

## Regional Adviser

### 1. Activities

- (a) A workshop on “Gender Policy in Energy Sector” was organized with UNDP on 1 October 2018 within the framework of the World Petroleum Council meeting in Astana. The workshop focused on how to promote clean and affordable energy to empower women through: (a) mapping gender gaps in women’s participation in energy related decision making and in the energy sector, including planning; (b) analysing the differences in access to energy resources and use of energy services by women and men in rural and urban settings, and (c) developing gender-responsive policy recommendations to ensure gender equality in access to sustainable energy, in participation in decision-making and management of the energy and related sectors, and in opportunities for jobs and career development. The workshop discussions, therefore, directly related to both SDG 7 and SDG 5, and account for the interlinkages between these two goals. The event was opened with participation of members of Parliament of Kazakhstan, participants from key government bodies and NGOs. Also, the second part of the session was devoted to the Central Asian experience with active participation from all five countries of CA. The meeting was attended by more than 100 participants and was covered by the media.
- (b) Several workshops were organized in the framework of the Ninth International Forum on Energy for Sustainable Development in Kiev on 12-15 November 2018 (<https://energyforum.org.ua/> and <https://www.unece.org/index.php?id=49144>). Workshops Making Industrial Energy Efficiency the New Normal; Workshop on Energy Efficiency in Buildings and Workshop on the Role of Utilities, Big Data and Geo-Spatial Data in Energy Transition were organized in support of activities in the area of energy efficiency in the framework of the fifth session of the Group of Experts on Energy Efficiency (see <https://www.unece.org/index.php?id=49016>). Workshop Exploring Pathways to Sustainable Energy in the Belarus-Moldova-Ukraine Region was organized as part of the Pathways to Sustainable Energy series (see activities under the Committee on Sustainable Energy).

### 2. Upcoming Events and Activities

- United Smart Cities: implementing smart sustainable cities approaches worldwide, Kiev, 29 January 2019 (in the framework of the of the Business for Smart Cities ExpoCongress, 29-31 January 2019)
- Workshop on Outcomes of the UNECE project on Energy Efficiency Standards in Buildings - Fifth Meeting of the UNECE Joint Task Force on Energy Efficiency Standards in Buildings, Yerevan, 14 - 15 March 2019.
- World Smart Energy Summit, Moscow, 26-27 March 2019.
- Training seminar Pursuing Sustainable Development Goals on Housing, Urban Development and Land Management in the Republic of Belarus, 21-23 May 2019.
- Workshop Promoting Industrial Energy Efficiency in Ukraine and Neighbouring Countries, Kiev, 27-28 May 2019.

### 3. Main Challenges

- (a) Ensuring cooperation with SED colleagues in support of their activities.
- (b) Identification of additional extrabudgetary resources.

### 4. Resources

1 P5 (100%).

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