



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

Final Agenda 5th Steering Committee Meeting of the Global Network of Regional Sustainable Energy Centres (GN-SEC)

**Date: 5 to 8 September 2022,
Location: Vienna International Centre (VIC),
Conference Room No. 6, Floor C7**

Zoom registration link for participants attending online (only by invitation):
https://us06web.zoom.us/webinar/register/WN_OPVFLY15TVSR7DpvZkhJEg



Think globally, act regionally, implement nationally!

5 September 2022 – The 5th GN-SEC Steering Committee Meeting

VIC, Conference Room No. 6, Floor C7 at the VIC

08:00	Registration at the UN Security, Gate 1 of the Vienna International Center (In view of expected waiting times, participants are encouraged to arrive at Gate 1 at 08:00 hrs.)
Time	Opening session
09:00	<u>Welcome remarks of international partners (10 minutes each):</u> Mr. Erwin Kuenzi, Head of the Themes and Quality Unit, Austrian Development Agency H.E. Mr. Huseyin Avni Bicakli, Deputy Secretary General of ECO (online)
09:20	Group photo
Time	Session I: Introduction and meeting objectives
09:30	<ul style="list-style-type: none"> - Introduction to the UNIDO GN-SEC team, Martin Lugmayr, UNIDO - Roll call & introduction of new GN-SEC members - Presentation and adoption of meeting agenda and objectives - Adoption of the shared minutes of the 4th GN-SEC meeting - Information on the meeting logistics, Ms. Mary Bindu Palacherril, UNIDO
Time	Session II: Looking back and going forward
09:50	Welcome remarks, Mr. Tareq Emtairah, Director, Department of Energy, UNIDO (10 min.)
10:00	GN-SEC achievements during the COVID-19 pandemic and next milestones, (25 min.), Mr. Martin Lugmayr, GN-SEC Coordinator, UNIDO <ul style="list-style-type: none"> ● Status of the GN-SEC network and highlights 2020 to 2022 ● Status of joint GN-SEC initiatives ● Annual work plan for GN-SEC platform activities ● AOB
10:25	Discussion, moderated by Mr. Manfred Bürstmayr, ADA
10:40	Coffee Break (provided by UNIDO)
Time	Session III: Updates from the GN-SEC centers and regions
11:00	Sub-Saharan Africa and the Arab region - Joint presentation (max. 8 to 10 minutes each): RCREEE, Mr. Jauad Elkharraz, Executive Director ECREEE, Mr. Jean Francis Sempore, Executive Director SACREEE, Mr. Kuda Ndhlukula, Executive Director EACREEE, Mr. Canon Goddy Muhanguzi Muhumuza, Interim Executive Director CEREEAC, Mr. Désiré Armand Ndemazagoa-Backotta, Chef Service Energies Nouvelles et Renouvelables, ECCAS Group coordinated by Ms. Otafia Sacko, UNIDO
11:50	Discussion, moderated by Ms. Cherri-Ann Farquharson, CCREEE
12:20	Asia and Pacific region - Joint presentation (max. 8 to 10 minutes each): PCREEE, Mr. Solomone Fifita, Manager REEECH, Mr. Mewang Gyeltshen, Programme Coordinator CECECO, Mr. Rovshan Mirzayev, Director of Energy, Minerals and Environment, ECO Group coordinated by Mr. Gentjan Sema, UNIDO
12:50	Discussion, moderated by Ms. Alexandra Arias Alvarado, Coordinator, SICREEE

13:10	2nd Group photo and Lunch break at the VIC Cantine (to be covered by participants)
14:10	Latin America and the Caribbean - Joint presentation (max. 8 to 10 minutes each): SICREEE, Ms. Alexandra Arias Alvarado, Coordinator CCREEE, Mr. Gary Jackson Executive Director and Ms. Cherri-Ann Farquharson. OLADE, Mr. Guillermo Koutoudjian, Chief of the Integration, Energy access and security department Group coordinated by Ms. Andrea Eras Almeida, UNIDO
14:40	Discussion, moderated by Mr. Solomone Fifita, PCREEE
Time	Session IV: Presentation and validation of the GN-SEC platform project
15:00	Presentation of the GN-SEC platform project, Mr. Martin Lugmayr, UNIDO <ul style="list-style-type: none"> - Mission, vision and theory of change - Key functions and services - Outcomes, outputs and activities (results framework) - Indicative budget - Governance considerations
15:20	Discussion moderated by Mr. Jauad Elkharraz, RCREEE
15:50	Coffee Break (provided by UNIDO)
Time	Session V: Updates on joint GN-SEC initiatives
16:10	Presentations on ongoing GN-SEC activities (max. 10 minutes each) <ul style="list-style-type: none"> ● Status of the EELA project on regional energy efficiency standards and capacity building, Ms. Karin Reiss-Haimbala, UNIDO ● Status of the STAR-C project in partnership with ISA and France, Ms. Andrea Eras Almeida, UNIDO ● The GEF project “Strengthening the capacities of the LDC Group on Climate Change”, Ms. Otalia Sacko, UNIDO and Ms. Madeleine Diouf Sarr, Chair of the LDC Group ● Status of the GN-SEC partnership on the international guidelines for the development, installation and operation of small hydropower plants, Mr. Heng Liu, UNIDO
16:50	Discussion moderated by Mr. Charles Diarra, ECREEE
Time	Session VI: Updates on joint GN-SEC initiatives
17:10	Presentations on ongoing GN-SEC activities (max. 10 minutes each) <ul style="list-style-type: none"> ● Towards a GN-SEC Gender and Youth Focal Points Network (GYFPN), Ms. Katharina Proestler (UNIDO) and Christine Lins (GWNET) ● IEA SHC cooperation and future membership, Mr. Gentjan Sema, UNIDO ● GN-SEC Capacity Building Program on Sustainable Energy Solutions for Islands, by UNIDO, SIDS DOCK, CIEMAT, Ms. Andrea Eras Almeida, UNIDO ● Global Ocean Energy Alliance for SIDS and LDCs, Mr. Martin Lugmayr, UNIDO and Mr. Roger Espejo, SIDS DOCK
	Discussion moderated by Mr. Jean-Michel Parle, CCREEE
Time	Closing Session
18:10	Final remarks, UNIDO

6 September 2022 – The 5th GN-SEC Steering Committee Meeting

VIC, Conference Room No. 6, Floor C7 at the VIC

Time	Opening session
08:00	Registration at the UN Security for new participants, Gate 1 of the Vienna International Center
Time	Session VII: Partnership opportunities with the UNIDO Energy Systems and Decarbonisation Unit: Focus on Industrial Energy Efficiency and Decarbonisation
09:00	<p>Presentations (max 10 minutes each)</p> <ul style="list-style-type: none">● Introduction of the ESD portfolio, Ms. Rana Ghoneim, Chief, UNIDO● Building Industrial Energy Efficiency (IEE) markets, Ms. Nurzat Myrsaliev, ESD/UNIDO● Recap of past IEE work of the GN-SECs, Ms. Karin Reiss-Haimbala, ESD/UNIDO● Industrial Deep Decarbonisation Initiative (IDDI), Ms. Fiona Skinner, ESD/UNIDO● Scaling up EELA - A global program concept for efficient appliances with the GN-SEC centers, Mr. Denis Ariho, EACREEE <p>Guiding questions for the discussion:</p> <ul style="list-style-type: none">● <i>Where do the centers see the current needs and opportunities in their respective region for a collaboration with UNIDO on energy efficiency/decarbonization topics?</i>● <i>What additional services would be needed for LDCs which are not yet covered?</i>● <i>Regional follow-up training on the EELA online training tool and IEE knowledge kits</i>● <i>How can the centers assist in joint fund mobilization?</i>
09:50	Discussion, moderated by Mr. Mewang Gyeltshen, REEECH
10:20	Coffee Break (provided by UNIDO)
Time	Session VIII: Partnership possibilities with the UNIDO Climate Technologies Innovation Unit
10:40	<p>Presentations (max 10 minutes each)</p> <ul style="list-style-type: none">● CTI portfolio and partnership opportunities, Mr. Alois Mhlanga, Chief● Past and future cooperation with the Private Finance Advisory Network (PFAN), Mr. Marko van Waveren Hogervorst, UNIDO● Connecting regionally to the Global Clean Tech Innovation Programme (GCIP), Ms. Olga Rataj, UNIDO● Implementation of the UNIDO Bioenergy Strategy and program on clean cooking fuels, Mr. Jossy Thomas, UNIDO
11:20	Discussion, moderated by Mr. Rovshan Mirzayev, CECECO/ECO
Time	Session IX: Partnership possibilities with the Austrian Development Agency (ADA)
12:00	<p>Presentations (max. 10 minutes each):</p> <ul style="list-style-type: none">● Partnership possibilities with the Austrian Development Agency (ADA), Mr. Manfred Bürstmayr, ADA● Partnership in the context of climate financing, including the Green Climate Fund (GCF), Mr. Oliver Walter, ADA

	<i>Discussion, moderated by Ms. Cherri-Ann Farquharson, CCREEE</i>
13:00	Lunch break at VIC (to be covered by participants)
Time	Session X: Partnership opportunities with the Global Environment Facility (GEF), Green Climate Fund (GCF) and Adaptation Fund
14:00	<p>Presentations (max. 10 minutes each)</p> <ul style="list-style-type: none"> ● Outlook on the UNIDO Climate Strategy, Mr. Christopher Scott Willis, Climate Change Specialist, UNIDO ● Opportunities for regional and triangular approaches, Ms. Olga Gordiievska, GEF/GCF coordination, UNIDO ● Status and outlook on joint peer-to-peer learning activities to strengthen fiduciary standards of the GN-SECs in line with international requirements (e.g. EU, GEF, GCF), Mr. Aymen Ahmed and Mr. Jochen Kraus, UNIDO
14:30	Discussion, moderated by Mr. Kakau Foliaki, PCREEE
Time	Session XI: Partnership possibilities with the UNIDO Division of Climate and Technology Partnerships: Focus on Green Hydrogen
15:00	<p>Presentations (max. 10 minutes each)</p> <ul style="list-style-type: none"> ● Partnership opportunities with the UNIDO Global Programme for Green Hydrogen in Industry, Ms. Petra Schwager-Kederst, Chief, UNIDO ● Update on the International Centre for Hydrogen Energy Technologies (ICHET), Mr. Heng Liu, UNIDO
15:20	<p>Discussion, moderated by Mr. Kuda Ndhlukula, SACREEE</p> <ul style="list-style-type: none"> ● Ongoing GN-SEC green hydrogen programs and experiences so far ● Required UNIDO support for the GN-SEC and Member States ● Potential joint GN-SEC activities
16:00	Coffee Break (provided by UNIDO)
Time	Session XII: Partnership possibilities with the Regional BLOOM Cluster Program for sustainable energy and circular economy solutions and innovations
16:20	<p><u>Presentations:</u></p> <ul style="list-style-type: none"> ● The Regional BLOOM Cluster Approach for sustainable energy, resource efficient and circular economy solutions, Mr. Martin Lugmayr, UNIDO (max. 10 min) ● The Barbados BLOOM Cluster Pilot, Mr. Jari Aaltonen, UNIDO, and Mr. Terrell Thompson, Export Barbados (max. 15 min) ● Pitches by BLOOM start-ups on energy and circular economy island solutions (5 min each): <ul style="list-style-type: none"> ○ Ms. Kerri-Ann Marissa Bovell, EcoMycö ○ Mr. Robert Martin Goodridge, Goodridge Power ○ Ms. Deandra Alayssa Crawford, Dee's Enterprises ○ Mr. Joshua Forte, Red Diamond Compost Inc. ● Introduction to the cleantech cluster expert meeting <p>Discussion, moderated by Ms. Alexandra Arias Alvarado, SICREEE (15 min)</p>

	<ul style="list-style-type: none"> ● <i>GN-SEC programs and experiences with sustainable energy and cleantech associations and clusters so far</i> ● <i>Required UNIDO support for the GN-SEC and Member States</i> ● <i>Potential joint GN-SEC activities and fund raising</i>
Time	Session XIII: Partnership possibilities on Electric Mobility and Integrated Power Systems
17:30	<p>Presentations (max. 10 minute each):</p> <ul style="list-style-type: none"> ● Connecting points to the UNIDO electric mobility portfolio, Ms. Katarina Barunica and Mr. Onay Geylan, UNIDO ● PFAN e-mobility project pipeline, Mr. Marko van Waveren Hogervorst, UNIDO ● Ongoing support and future possibilities for GN-SEC e-mobility programs, Mr. Andrew Campbell and Mr. Gentjan Sema, UNIDO <p>Discussion, moderated by Mr. Gary Jackson, CCREEE</p> <ul style="list-style-type: none"> ● <i>GN-SEC programs and experiences so far (e.g. PCREEE, CCREEE, ECREEE, REEECH, RCREEE)</i> ● <i>Required UNIDO support for the GN-SEC and Member States</i> ● <i>Potential joint GN-SEC activities and fund-raising</i>
Time	Closing Session
18:30	Final remarks and logistics for the study tour

GN-SEC experts are invited to join the BLOOM excursion to the Clean Tech Cluster in Styria on 7 September. Experts from Barbados and Bhutan will join the tour. Alternatively, there is the possibility to hold relevant meetings with partners in Vienna Energy Club on the same day (e.g. UNIDO, ADA, IAEA, REEEP, OPEC Fund, etc.).

UNIDO Delegation Visit in Graz

Graz, 07. September 2022

Buses departing 6am from Vienna . For further information, please contact Mr. Lukas Kaehn, l.kaehn@unido.org

Draft Agenda:

Wednesday 7th September

Possible visiting program

08:30 – 10:00 **BEST Bioenergy and sustainable technologies**, www.best-research.eu/en/home
www.greentech.at/en/firmen/best-bioenergy-and-sustainable-technologies-gmbh/
Centre of excellence for technologies in the field of bioenergy research and development in close cooperation with industry and scientific institutions.
Presentation about BEST and tour in the technicum and laboratories.

Administrative contact: Claudia Peternell
Scientific contact: Walter Haslinger, CEO

(Inffeldgasse 21b, 8010 Graz)

10:30 – 12:00 HyCentA Research GmbH, www.hycenta.at/en/#
www.greentech.at/en/firmen/hycenta-research-gmbh/
Austrian Research Center on hydrogen testing and delivery center with high-tech infrastructure and high scientific and economic potential.

Contact: Alexander Trattner, CEO

(Inffeldgasse 15, 8010 Graz)

12:00 – 13:30 Lunchtime

13:30 – 15:30 SOLID, Solar District Heating entry point and Solar Thermal Test Field
<https://solid.at/en/>
S.O.L.I.D. is an Austrian solar engineering company specializing in all aspects of large-scale solar thermal energy plants. Since 1992, S.O.L.I.D. has been planning, building, delivering, assembling and operating large-scale solar plants around the world, providing hot water, room heating, industrial process heat and district heating for towns and villages. SOLID also designs and builds solar chilled water plants, including the largest commercial solar cooling projects currently in operating
<https://solid.at/en/reference/digicel.html> (Reference in Jamaica)
More references here: <https://solid.at/en/success-stories.html>

Contact: Christian Holter, c.holter@solid.at, (Founder and Managing Director)

(Puchstraße, 8020 Graz)

16:00 – 17:00 Green Tech Cluster, Bernhard Puttinger, Cluster Strategy, Cluster development basics, history and current strategies and services
Discussions and Questions
www.greentech.at/en

(Wagner-Biro-Straße 100, 8020 Graz, 1st floor)

Possibly also visit at the Green Tech Hub, Startup Hub in the Science Tower in cooperation with the City of Graz.

<https://www.greentechhub.at/>

8 September 2022 – The 5th GN-SEC Steering Committee Meeting

VIC, Conference Room No. 6, Floor C7 at the VIC

Time	Opening session
Time	Session XIV: Partnership possibilities with the LDC Group on Climate Change
09:00	<ul style="list-style-type: none"> ● Introduction, Ms. Otaia Sacko, UNIDO and Ms. Madeleine Diouf Sarr, Chair of the LDC Group ● Preparation for COP27: Clean energy and climate plan for the LDC toward 2025 ● Partnership possibilities with the GN-SEC on initiatives related to industrial energy efficiency and sustainable energy entrepreneurship and innovation. <p>Discussion on the way forward moderated by Mr. Denis Ariho, EACREEE</p>
Time	Session XV: Strengthening the GN-SEC Gender and Youth Focal Point Network (GYFPN)
10:00-11:00	<p>Facilitation by Mr. Ndivhuho Tshikovhi, Ms. Katharina Proestler, Ms. Otaia Sacko, UNIDO</p> <ul style="list-style-type: none"> ● Discussion on the mentoring program and way forward, Ms. Christine Lins, Executive Director of GWNET (online participation) ● GN-SEC programs and experiences so far (e.g. PCREEE, CCREEE, ECREEE, EACREEE, SACREEE, SICREEE) ● Required UNIDO support for the GN-SEC and Member States ● Nomination of GYFPN's Mentee ● Update of GYFPN Focal Points List <p>Session moderated by Mr. Canon Goddy Muhanguzi Muhumuza, Interim Executive Director, EACREEE</p>
11:00	Coffee Break (Photo for #IStandTall campaign)
Time	Session XVI: Regional connecting points to the Vienna Energy Forum (VEF)
11:20-12:20	<ul style="list-style-type: none"> ● Introduction to the Vienna Energy Forum (VEF) partnership, Ms. Rana Ghoneim, UNIDO <ul style="list-style-type: none"> ○ Origin and editions ○ Outlook on the VEF 2023 (e.g. green skills, youth) ○ Virtual series ○ Connecting points to regional GN-SEC events ● Regional connecting points to “Green Skills for the Youth in Renewable Energy and Energy Efficiency”, Mr. Leonardo Barreto Gomez, GFSE Secretariat/Austrian Energy Agency <p>Discussion moderated by Mr. Avishek Malla, REEECH</p> <ul style="list-style-type: none"> ● <i>Thematic suggestions by the GN-SEC</i> ● <i>Possible GN-SEC involvement in the VEF 2023</i> ● <i>Concrete steps</i>
12:20	Lunch

Time	Session XVII: Partnership possibilities with the International Solar Alliance (ISA) and STAR C Implementation
13:20-14:20	<p>Presentations:</p> <ul style="list-style-type: none"> ● The ISA Mission and Vision and program portfolio, Mr. Philippe Malbranche, Additional Director General and Mr. Ugochukwu Ugbor, Chief of Unit, Knowledge Management, ISA (10 min) ● STAR C implementation, Mr. Alvin Tepo Togba, UNIDO (10 min) <ul style="list-style-type: none"> ○ Presentation of the annual work plan ○ Recruitment of ISA coordinators at EACREEE, PCREEE and ECREEE ○ Expanded optimistic scenario ● Primarily results of the baseline on qualification and certification assessment, AEE Intec (25 min), Mr. Wolfgang Gruber-Glatzl, Mr. Daniel Mugnier <ul style="list-style-type: none"> ○ Baseline assessment, ○ Follow-up activities, ○ Capacity building needs <p>Discussion on the way forward moderated by Solomone Fifita, PCREEE (15 min)</p> <ul style="list-style-type: none"> ● <i>GN-SEC involvement</i> ● <i>Required UNIDO support for the GN-SEC and Member States</i> ● <i>Nomination of focal points</i> ● <i>Formulation of joint proposal for the program</i>
Time	Session XVIII: STAR C Training with the IEA Solar Heating and Cooling Program
14:20-15:40	<ul style="list-style-type: none"> - Connecting to STAR C, Mr. Martin Lugmayr, UNIDO - Introduction to the IEA SHC program and activities and GN-SEC involvement, Mr. Christoph Brunner, and Wolfgang Gruber-Glatzl, AEE Intec, IEA SHC - Training on solar heating and cooling and potential for regional up-scale <ul style="list-style-type: none"> - Significance for climate mitigation and adaptation - Technology characteristics and techno-economic feasibility - Market status and penetration - Barriers and bottlenecks, incl. qualification and certification - Need for regional policies, roadmaps, standards and incentives - Connecting to the GN-SEC programs and way forward <p><i>Discussion, moderated by Mr. Gentjan Sema, UNIDO</i></p>
15:40	Coffee Break
Time	Session XIX: Partnership possibilities for integrated resource and resilience planning
16:00-16:45	<ul style="list-style-type: none"> ● Introduction by Mr. Gary Jackson, CCREEE (5 min) ● Presentation of the IRRPs and potential planning support to other centers, Mr. Jean-Michel Parle, Generation expansion planning Expert (10 min) ● IAEA Energy modeling tools and GN-SEC involvement, Mr. Manuel Welsch, Energy Planner & Economist, IAEA (10 min) ● Partnership possibilities with the GN-SEC <p><i>Discussion, moderated by Mr. Gentjan Sema, UNIDO</i></p>

Time	Session XX: Partnership possibilities on decentralized/distributed renewable energy solutions
16:45-17:45	<p>Presentations (max. 10 minute each):</p> <ul style="list-style-type: none"> ● UNIDO approach regarding industry-relevant decentralized/distributed renewable energy solutions - “renewable energy for industry” and “industry for renewable energy”, Ms. Karin Reiss-Haimbala, UNIDO ● Lessons learned from the GCF project development on mini-grids for productive uses in Zambia, Mr. Yoshinari Suzuki, UNIDO <p>Discussion moderated by Mr. Jean Francis Sempore, ECREEE</p> <ul style="list-style-type: none"> ● <i>GN-SEC programs and experiences so far (e.g. PCREEE, CCREEE, ECREEE, EACREEE, SACREEE, SICREEE)</i> ● <i>Required UNIDO support for the GN-SEC and Member States</i> ● <i>Potential joint GN-SEC activities and fund-raising</i>
Time	Closing session
17:45	Closing remarks

Meeting report:

Please do not hesitate to contact the meeting rapporteur: Mr. Ndivhuho Tshikovhi, n.tshikovhi@unido.org

Meeting contact:

Mr. Martin Lugmayr, GN-SEC Coordinator,

Please do not hesitate to contact the GN-SEC team: info@gn-sec.net

In urgent cases, please call by whatsapp: Ms. Mary Bindu Palacherril, +917510501602

The meeting is paperless. All materials are provided through the UNIDO dropbox folder and partly the GN-SEC website: <http://meeting.gn-sec.net>

Funding partners:

