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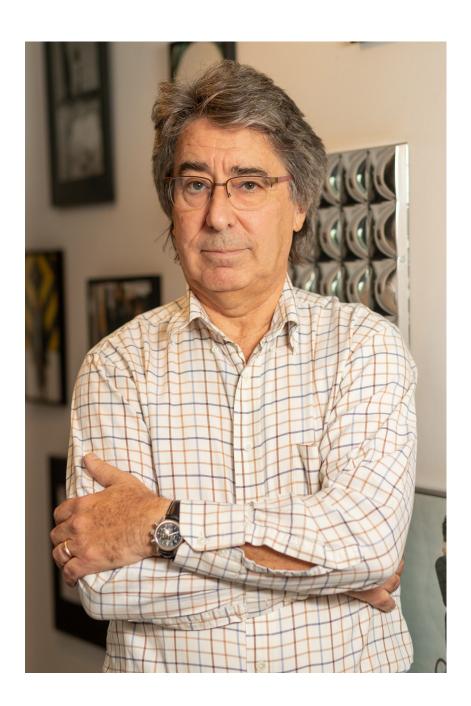
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### **List of Abbreviations and Acronyms**

CAG	Climate Action Group	ICC	Information Consultation Center	NFA	National Forest Agency
CENN	Caucasus Environmental NGO Network	I-CISK	Innovating Climate Services through	NPWPP	National Plastic Waste Prevention
CLLD	Community-Led Local Development		Integrating Scientific and Local Knowledge	NITED	Program
COP	Conference of the Parties to the Climate Convention	ICT	Information and Communications Technology	NTFP PPP	Non-Timber Forest Product Public-Private Partnership
COVID-19	Coronavirus disease	IDP	Internally Displaced Person	PV	Photovoltaic
CRA	Climate Resilient Agriculture	IPM	Integrated Pest Management	PwD	Persons with Disabilities
CSO	Civil Society Organization	IRDG	Improving Rural Development in	RDA	Rural Development Agency
CSRDG	Centre for Strategic Research and	2 G	Georgia	RIK-Hub	Rural Innovation Knowledge Hub
	Development of Georgia	IUCN	International Union for Conservation	RWC	Rural Women Council OR Rural WASH
DRM	Disaster Risk Management		of Nature		Council
DRR	Disaster Risk Reduction	LA	Local Authority	SDG	Sustainable Development Goal
EDEC	Education Development and	LAG	Local Action Group	SE	Social Entrepreneurship
	Employment Centre	LDS	Local Development Strategy	SFMRD	Promoting Sustainable Forest
EMS EU AA	Emergency Management Service  European Union Association	LGBTIQ	Lesbian, gay, bisexual, trans and gender diverse, intersex and queer		Management for Climate Resilient Rural Development
EU AA	Agreement	MCEC	Mediation and Civic Engagement	SME	Small and Medium-sized Enterprises
FAO	Food and Agriculture Organization of	WICEC	Committee	UN	United Nations
	the United Nations	MEPA	Ministry of Environmental Protection	UNFCCC	United Nations Framework
FFS	Farmer Field Schools		and Agriculture		Convention on Climate Change
FG-IACCRD	Forest Group of the Inter-Agency	MoU	Memorandum of Understanding	USFS	United States Forest Service
	Coordination Council for Rural Development	MSP	Multi-Stakeholder Platform	VC	Venture Capital
GNTA	Georgian National Tourism	NbS	Nature-based Solution	VET	Vocational Education and Training
	Administration	NCDC	National Center for Disease Control	VNR	Voluntary National Review
HACCP	Hazard Analysis and Critical Control Points		and Public Health	WASH	Water, Sanitation and Hygiene
HPP	Hydroelectric Power Plants	NCP	National Climate Platform	WWD	World Water Day
HRBA	Human Rights Based Approach	NDC	Nationally Determined Contributions		,
IACCRD	Inter-Agency Coordination Council on	NEA	National Environmental Agency		
	Rural Development	NEET	Not in Education, Employment, or		

Training



### A Letter from the Executive Director

Dear team, friends, and partners,

As we gradually emerge from the shadows of the pandemic, our focus has shifted towards geopolitical challenges. The war in Ukraine is casting a shadow over the pursuit of sustainable development in the region. In the face of such adversities, it is crucial to recognise the integral roles that civil society organisations, governments, and businesses play in addressing the multifaceted challenges spanning political, social, and environmental spheres.

Acknowledging the urgency of democratic, fair, and inclusive development, we believe that concerted efforts in this realm are fundamental to overcoming hindrances across all 17 SDGs under the 2030 Agenda.

As part of our commitment to transparency and accountability, this year, the CENN team presents annual results aligned with specific global SDG targets. The report showcases the correlation of

our activities with all 17 SDGs, highlighting the breadth and impact of our initiatives. We hope this example serves as inspiration for fellow CSOs to reflect on and showcase their contributions towards achieving global development goals.

This year, we strongly emphasise the crucial role of collaboration across sectors. CSOs, businesses, academia, and governments must unite to navigate the complex web of issues, including political instability, social disparities, and environmental degradation. This collaborative approach is not only vital for addressing immediate challenges but is also instrumental in supporting Georgia's EU accession.

Let's work together for a better, peaceful, democratic, greener, and inclusive future.

Yours sincerely,

Laurent G. Nicole
Executive Director
CFNN





#### Nana Janashia

CENN's Co-founder and Executive Director (1998 - 2023)

In August 2023, Nana Janashia, one of the founders of CENN, tragically passed away. Nana was a source of inspiration for us all, dedicating her life to making the world a better place. Over the course of 25 years, with her leadership and unwavering commitment, CENN has spearheaded over 300 impactful projects across the Caucasus region, fostering a more sustainable and inclusive future.

Nana's vision and unwavering dedication have played a crucial role in shaping a more environmentally friendly and harmonious world. While her physical presence is no longer with us, Nana's spirit will continue to live on through the work of CENN. As we remember her, we are reminded of the power of one individual's passion to transform lives and pave the way for a better tomorrow.

# Climate Change, Environment and Energy

CENN's work in the Caucasus region to tackle challenges related to climate change, environmental protection, and green energy extends over two decades. We partner with governments, the private sector, nongovernmental organizations, and other stakeholders to create sustainable solutions for complex environmental problems.

CENN promotes inclusive environmental governance, application of modern approaches and technologies, and builds sound environmental management systems at every level to support better natural resources management and biodiversity protection, increase climate resilience and energy security, and create lasting opportunities that sustain livelihoods.

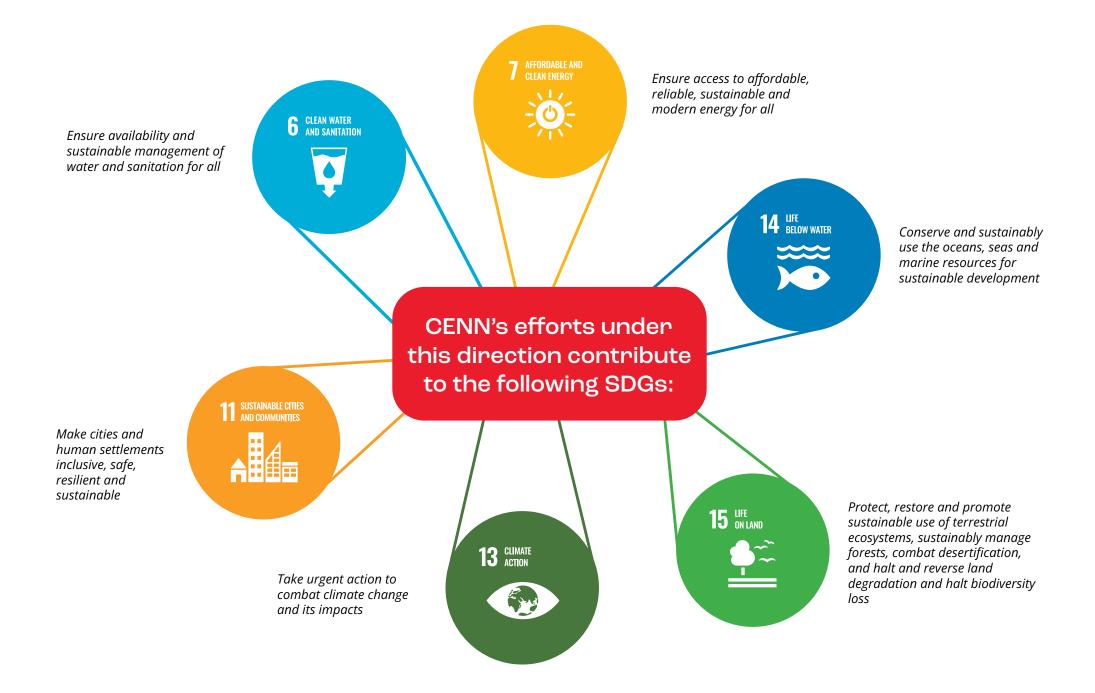
Under this direction, CENN focuses on environmental protection, natural resources management, promoting climate resilience, and supporting renewable and energy-efficient technologies.

In 2022, under **environmental protection and natural resources management**, CENN had a successful campaign to change simplified land registration rule creating risk of losing forest lands and prepared business model for long-term cost-effective timber production and sale; Furthermore, research has been done on existing policies of drought hazards and meta-analysis of drought and land degradation, to be included in the global study "Nature-based Solutions for reducing drought" prepared by IUCN.

Under climate change mitigation, adaptation and climate resilience, in 2022 CENN focused on development of a streamflow prediction system and climate change scenarios in target watersheds, supporting the National Forestry Agency (NFA) of Georgia in disaster risk reduction via providing evidence-based recommendations and additional capacity building based on best international practices. Furthermore, benefits of collective actions for climate resilience building, water security and green recovery were demonstrated by pilot projects in partnership with local governments. In addition, capacities of local CSOs have been increased to contribute to solving local climate change-related issues, while engagement of civil society in developing and implementing climate-related strategies has been promoted through national and regional multi-stakeholder platforms.

Lastly, in terms of **renewable energy and energy efficiency**, in 2022 CENN continued implementation of rural energy plans providing recommendations on promoting sustainable energy solutions such as biomass value chain development, renewable energy, and energy efficiency technologies. The specific examples in this direction include introducing energy-efficient and renewable energy technologies in public schools in Adjara and Kakheti regions, as well as supporting local companies working on production of wooden biomass briquettes and energy-efficient stoves.





# **Environmental protection and natural resources management**

Environmental degradation and exploitation of natural resources represent one of the key challenges in the Caucasus region. The region is prone to a range of hazards, which can result in casualties, damage to infrastructure, and economic loss. These are often caused by unsustainable use of natural resources, economic activities, and improper waste management. With this in mind, CENN in close cooperation with partner organizations is working with communities, the government and businesses to steer development towards sustainable solutions through capacity building of stakeholders and supporting the introduction of green and innovative practices. Moreover, CENN programs contribute to the delivery of commitments taken by the government of Georgia under the SDGs, NDC, and EU AA concerning the sustainable use of natural resources.

SDG Target 15.2:

By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally



#### Simplified Rule of Land Registration Risking Loosing of Forest Lands was stopped

From 2021-2022 CENN held a successful campaign to change simplified land registration rule, which created risk of losing forest lands. A simplified land registration rule that has been in place since 2016 encouraged the process of changing the forest status and registering excluded lands in private ownership. According to official data, during 2016-2021, the National Agency of Public Registry, based on self-government declarations, conducted more than 18,000 cases pertaining to forest lands and registered them in private ownership. The aforementioned process has posed risks of forest degradation and loss of recreational areas of international importance, and their historical-cultural, agro- and eco-tourism potential.

In response, CENN in cooperation with partner national and international organizations, conducted an active campaign to stop the chaotic process of registration of state forest lands, which was carried out by local governments and the National Agency for Public Registry, without coordination with the Ministry of Environmental Protection and Agriculture of Georgia (MEPA) and the National Forest Agency (NFA), and in violation of forest legislation. The problem initially was reported and raised by the local community groups.

As a result of large-scale civil campaign led by CENN, the Minister of Justice issued an order according to which the city halls are advised not to issue the property certificates for the territories located in forest areas managed by the National Forest Agency (NFA) without prior consultations with the NFA. Additionally, the Parliament of Georgia approved a package of legislative changes aimed at improving the registration process.

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Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)

Project

Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD)



#### Cost-effective Business Model for Timber Production and Sale in Georgia

CENN has prepared a business model for long-term cost-effective timber production and sale. The proposed business model relies on the assumption that forest management is based on principles of sustainable management and that fiscal interests do not take precedence over these principles. At the same time, the model aims to demonstrate that forestry activities can become more financially profitable without sacrificing the forest ecosystem. This can be achieved by optimizing the use of timber resources being harvested in the forest, diversifying sales channels, overcoming harvest-related shortcomings, and setting prices in line with market conditions.

The team developed two alternative scenarios of timber resource management. Alternative 1 is more profitable financially, but Alternative 2 has other benefits that will have a positive impact on the forestry sector in the long-term. Under Alternative 2, the National Forestry Agency has better control over timber harvesting, can better organize timber harvesting and sales, can reduce illegal logging by providing intrinsic incentives to the private sector, and can spend more money on forest conservation. All of this will support the development of forests in a more sustainable way.

Based on the proposed concept, the financial calculations were prepared for the 2023-2032 reporting period for both scenarios. The financial model focuses on revenue from timber sales and does not consider additional sources of revenue in the form of grants from the state budget or donor agencies.



Funding	United Nations Development Programme (UNDP)
Project	Development of a cost-effective and sustainable timber management to increase the National Forestry Agency resources and finance forest conservation

SDG Target 15.3:

By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world

#### National Policy Review on Nature based Solutions-Drought

In 2022 CENN with support from IUCN ECARO developed two studies on NbS drought: (1) National Policy Review of Institutional Barriers, Capacity Gaps, And Opportunities / Recommendations for Nbs-Drought report and (2) Country case study for the meta-analysis of drought and land degradation. The findings from these reports will be used for the global study "Nature-based Solutions for reducing drought" prepared by IUCN.

According to the national policy review, although drought hazards are recognized in Georgia's normative acts and strategic documents, the problem remains undefined. Drought is not properly reflected in the respective policy, strategic documents, and laws. There is a lack of mitigation measures in the policy documents; mostly reactionary crisis management in the different sectors on a case-to-case basis is applied. Drought is only considered a factor having a negative impact on the agriculture and tourism sectors. Besides, in various national-level strategies or plans, the drought hazard is presented only as a threat of increasing the frequency and duration of climate changecaused extremal events. Simultaneously, neither a general nor the precise definition of drought is available in any of the documents. No documents describe the possible impact of droughts on individual sectors. Unfortunately, the list of actions aiming to reduce drought-caused threats is also rather scarce. In the report, a matrix of the recommendations for each affected sector is provided and the opportunities for integration of the NbS approach are provided as well.

Draught Case Study for Georgia was prepared with expertise provided from the National Environmental Agency and the LEPL Scientific-Research Center of Agriculture. The analysis shows that the frequency of drought almost tripled in recent years, and from 1995-2017, the damage caused by the drought alone amounted to 445 million GEL. Major recurrence of droughts is observed during July-August in Eastern Georgia, while in western Georgia the same happens during April-May. Key anthropogenic activities behind droughts are forest fires caused by irresponsible or careless human behavior and/or inappropriate management as well as overgrazing by livestock. The root causes of overgrazing include rural poverty and a lack of alternative livelihood opportunities; insufficient funding and support for the sector; and limited awareness among shepherds and livestock owners that hampers the adoption and implementation of more sustainable and efficient practices. Overgrazing causes the compaction of soil, which in turn can cause erosion and a decline in the forest's natural regeneration capability.

The results of the policy review and case study will be used as a solid basis for the follow up interventions/actions in Georgia. Based on the policy review the activities related to policy influence in the context of putting drought and NbS on the top of the agenda will be planned and implemented. The document shall also be used to support enhancement of existing response mechanism on drought. Finally, the result can also be used for implementation of small-scale pilot activities aimed at restoration of ecosystems to combat drought/drought

severity. As a policy follow-up of the document, CENN has been lobbying with relevant government stakeholders for the possibility of the creation of a policy-making unit for drought.

The activity is implemented as part of an international initiative of IUCN covering Kenya, Burkina Faso and Georgia, in which CENN contributes as a national partner of IUCN in Georgia. The overall goal of the initiative is to incorporate nature-based solutions (NbS) in the national drought management by producing globally robust and locally valid evidence on NbS drought; undertaking national policy and institutional analysis with multi-stakeholder dialogue and consensus building to identify pathways for implementation of NbS, as well as feeding recommendations into existing projects and planning mechanisms in order to model the adoption of NbSdrought.



Funding

Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)

Project

Restoring Ecosystems to Reduce Drought Risk and Increase Resilience (role of CENN: national partner)

#### Increasing Capacity about Nature Based Solutions for Drought

National Plastic Waste Prevention Program (NPWPP) of Georgia among other objectives aims to tackle sea-based sources of plastic marine litter, and monitor and curb rivers and marine litter more effectively. The measures offered in the action plan include preventing marine litter from ships, development of measures to reduce loss or abandonment at sea of fishing gear, development of measures to limit plastic

loss from aquaculture, establishing an effective monitoring system and mapping of marine litter including microplastics, developing an action plan of measures on marine litter in line with the Marine Strategy Framework Directive and the Waste Framework Directive, raising awareness of littering and enforce fines; promote river-banks and beach clean-up activities and improving waste collection, particularly near the river banks and coasts, and improve coordination between the authorities responsible for waste management, water and the marine environment at national and local levels.



Funding	Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)
Project	Restoring Ecosystems to Reduce Drought Risk and Increase Resilience (role of CENN: national partner)

## Climate change mitigation, adaptation and climate resilience

Climate change is already evident in the Caucasus region. There is a noticeable increase in average annual temperature and changes in annual precipitation patterns. The region is prone to natural disasters and climate change intensifies these processes.

To overcome the adverse impacts and facilitate adaptation to climate change in different sectors, CENN is supporting governments to introduce the climate-smart and resilient practices, conducting research on climate change in close cooperation with the research institutions and providing results along with recommendations to the relevant stakeholders, piloting climate-smart practices and developing the issue-based constructive dialogue and cooperation mechanisms among various stakeholders.

SDG Target 13.1:

Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries

#### Development of Streamflow Prediction System in the Alazani-Iori River basin

CENN and the National Environmental Agency (NEA) cooperate on the development of a streamflow prediction system in the Alazani-lori River basins. Streamflow prediction is one of the essential components for proper planning and management of water resources. The developed system would be used for agricultural planning, flood control, and hydropower operations. For this purpose, in October 2022 hydrologists from the Delft

Institute of Water Education (IHE Delft) and the Swedish Meteorological and Hydrological Institute (SMHI) held meetings with the NEA and Georgian Amelioration (GA), visited the headworks in the basin. The experts also met the members of the Alazani multi-actor platform (MAP) created by CENN, consisting of private and public sector representatives and aimed to identify needs in terms of climate services in the target basins. As a result, a one-year action plan has been elaborated and details of cooperation with experts have been discussed. In 2023, work on creating the stream flow prediction system will be organized according to the mentioned action plan; one of the important components of which will be consultations with key stakeholders (NEA and GA) that will be responsible for the provision of the data generated by the system to end users farmers, hydropower plants operators, etc.

The activity is part of the Innovating Climate Services through Integrating Scientific and Local Knowledge (I-CISK) project, financially supported by the European Union's Horizon 2020 Research and Innovation Programme. The project is being implemented by the Institute for Water Educational (IHE Delft) together with a consortium of 13

member organizations. The main objective of the I-CISK project is to develop next-generation CS that follows a social and behaviourally-informed approach for co-producing CS that meet the climate information needs of citizens, decision makers and stakeholders at the spatial and temporal scale relevant to them. CENN has been representing the project in Georgia since 2021. The National Environmental Agency is the main partner of CENN within the project.



Funding	European Union's Horizon 2020 Research and Innovation Programme
Project	Innovating Climate Services through Integrating Scientific and Local Knowledge (I-CISK) (CENN's role - national partner)

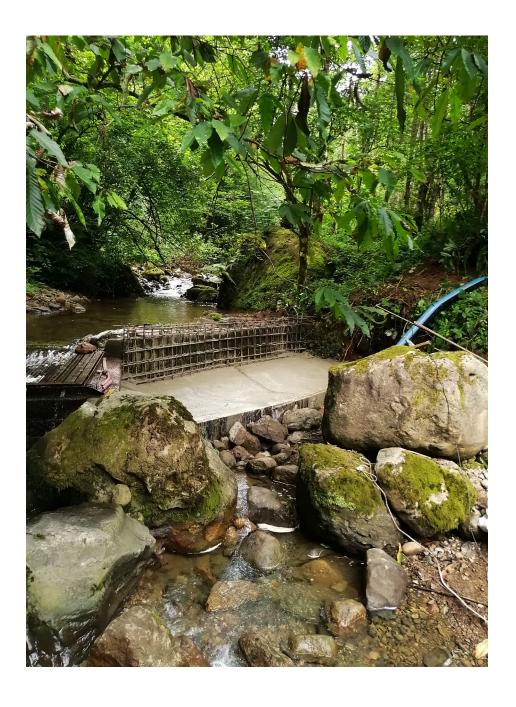
#### Local Initiatives for Climate Resilience

In 2022, through an open grants competition, ten projects aimed at mitigation and adaptation to climate change were awarded by CENN with grants. The grant competition aimed at supporting CSOs to play a key role in solving local climate change-related issues. 10 local civil society organizations (CSOs) operating in Imereti, Guria, Racha, and Kakheti regions were awarded with above-noted grants. Different types of projects were implemented as a result

of the competition including starting from demonstration and promotion of renewable energy, climate smart agriculture practices, restoration of a wind belt, increasing access to clean and safe water. Among the awarded projects were also initiatives aimed at increasing the awareness of different stakeholders at local and regional levels, especially youths, on climate change-related issues, including the role stakeholders can play in mitigating and/or adapting to climate change. We will get back to our readers with more detailed information about the results achieved within the above noted grant competition.







SDG Target 13.b:

Promote mechanisms for raising capacity for effective climate changerelated planning and management in the least developed countries and Small Island developing States, including focusing on women, youth and local and marginalized communities

#### Promoting participatory development and implementation of climaterelated strategies in Georgia

In 2022 CENN continued to support newly created multi-stakeholder platforms at the national and regional levels to facilitate the engagement of civil society in developing and implementing climate-related strategies.

The National Climate Platform (NCP) unites up to 80 representatives of central and regional authorities, international development organizations, educational institutions, national and regional NGOs, and private sector representatives. During 2022 CENN organized five meetings of NCP. Among other goals, the meetings aimed at presenting Implementation Report of the 2021-2023 Climate Change Action Plan of Georgia, discussing new devel-

opments and initiatives in the field of climate change, development of Green Climate Fund (GCF) country program in Georgia, Approximation to EU Climate Legislation and European Green Deal.

Additionally, at the regional level, Regional Climate Action Groups (CAGs) unite representatives of the central government at the local level, regional and local authorities, local NGOs, CBOs, youth unions / eco-clubs, educational institutions/VETs, private sector, and farmers' cooperatives, in total 136 members in four (4) target regions. In 2022 CENN provided a series of trainings to increase capacities of the members of CAGs around such topics as climate change and energy efficiency, food systems in the context of climate change, implementation mechanisms of lobbying and advocacy, gender mainstreaming and climate change and sustainable forest management. In addition, in 2022 were engaged in local and national level advocacy. And as result of this effort on national level, climate change was included in the National Security Concept of Georgia as one of security issues of Georgia. The resolved cases on local level include illegal logging in Chiatura Municipality and municipal waste management in Gurjaani Municipality.

Moreover, Climate Action Hubs (4) are established in the target regions of the co-applicants' premises to empower them and facilitate the involvement of

local stakeholders in climate actions. In 2022 a series of trainings were organized for Climate Action Hubs, established in the target regions (Racha, Guria, Imereti and Kakheti), covering such topics as gender stereotypes, women's political and economic empowerment as well as positive parenting.



Funding	European Union
Project	Georgia Climate Action Project (GEO-CAP): Promoting Civil Society Engagement in Climate Change Policy Design and Implementation

SDG Target 11.b:

By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015–2030, holistic disaster risk management at all levels

#### Promoting Disaster Risk Reduction (DRR) in Georgia

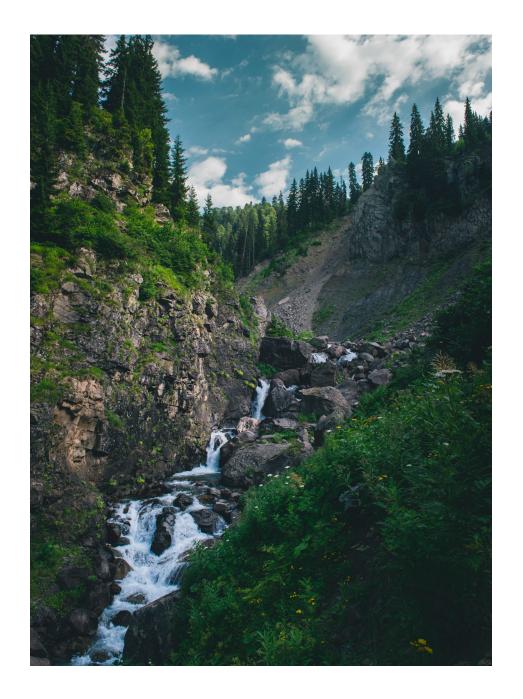
In 2022 CENN continued to support the National Forestry Agency (NFA) of Georgia in disaster risk reduction via providing evidence-based recommendations and additional capacity building based on best international practices.

CENN finalized working on upgrading geology hazard zoning spatial model for selected river basins per the request of the NFA. The new tool considers risk factors in the allocation process of forest cutting areas, with a 5-meter resolution Digital Elevation Model (DEM) and with a 10-meter resolution geology map. The new model is six times better in resolution than the current model. The new and upgraded hazard zoning map covers the following watersheds: Kisiskhevi, Telaviskhevi, Turdo, Tokhliauri, and Khodasheni.

In addition, CENN provided expertise to NFA on integrated watershed management and DRR in preparation of the main regulatory documents on forestry. Two draft laws were revised and provided with written comments, in addition online meetings were held to discuss how DRR topics can be integrated in the general forest use and forest protection, care and recovery.

In June 2022 CENN presented assessments of the condition of the degraded basins identified as a result of the expeditions and basin management plans, which were prepared in accordance with the Watershed Condition Framework of the US Forest Service. Furthermore, the agreement was achieved with the USFS local representatives, to implement a joint initiative for the staff of NFA and Emergency Management System (EMS) for capacity development in integrated watershed management and DRR.

Funding	Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC), USFS
Project	Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD); Promoting Sustainable Forest Management for Disaster Risk Management in Watersheds of Georgia



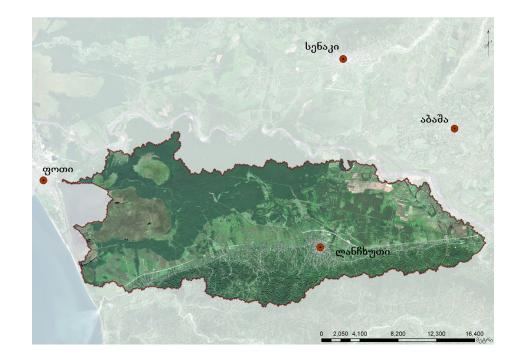
SDG Target 6.6:

By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers, and lakes

#### Analysis of Water Security in Four Regions of Georgia

In 2022 CENN developed reports of the climate change scenarios in four watersheds of target regions (Racha, Guria, Imereti and Kakheti) the target regions/watersheds in cooperation with the National Environmental Agency (NEA) in order to identify climate vulnerabilities related to water resources (water availability for future hydro power plant development), environmental degradation and human health. The developed reports of the climate change scenarios were communicated with the representatives of the local governments, governors' offices, and target municipalities.

The climate change scenarios cover 4 target watersheds: Rivers Ilto (Kakheti region), Khvargula/Chveshura (Racha region), Pichori (Guria region) and Kvirila (Imereti region). The watersheds for analysis were selected as a result of a situation and causality analysis report covering water security priority issues in four regions (Racha, Guria, Imereti and Kakheti) of Georgia prepared by CENN to identify existing problems related to water security and their immediate, underlying, and structural causes.



Funding	European Union
Project	Georgia Climate Action Project (GEO-CAP): Promoting Civil Society Engagement in Climate Change Policy Design and Implementation

#### Initiatives on Climate Resilience in Partnership with Local Governments

In 2022 four pilot projects were implemented by CENN in partnership with local governments, in order to demonstrate benefits of collective actions for climate resilience building, water security and green recovery for disadvantaged groups. The implemented projects are: (1) Imereti Region - Rehabilitation of drinking water reservoir in the village Dilikauri (Zestaponi municipality); (2) Guria Region - Rehabilitation of the existing water supply system and head building in the village Mtispiri (Ozurgeti municipality); (3) Kakheti Region - Fencing of the water supply system and sanitary zone of filtrate intake area in village Duisi (Akhmeta municipality) and (4) Racha-Lechkhumi Region - Arrangement of storage reservoir in village Samtisi (Oni municipality). The implemented pilot projects mainly aimed at rehabilitation of the water supply systems in the villages target areas provided to ensure access to clean and safe water of benefits to up to about 2,500 local residents.



Funding	European Union
Project	Georgia Climate Action Project (GEO-CAP): Promoting Civil Society Engagement in Climate Change Policy Design and Implementation

# Renewable energy and energy efficiency

Energy supply security and energy efficiency are among the top regional priorities that stem from environmental and geopolitical issues. Potent energy policies and technologies are a stepping stone for regional stability and economic development. In this regard, the availability of domestic energy sources and their transportation routes as well as efficient use of local and regional resources and the development of renewable energy technologies are the promising possibilities to guarantee a positive balance between the environment and sustainability and improvement in energy security. What is more, the utilization of energy-efficient and renewable energy technologies reduces carbon emissions and provides energy at an affordable price, thus facilitating economic well-being.

CENN provides solutions to the energy deficiency in the region by promoting renewable energy and energy efficiency technologies such as biofuels, wind energy, photovoltaics (PV) and solar thermal energy to the governments, private sector and community members. We believe that mainstreaming alternative energy solutions will reduce pressure on natural resources, provide cheaper energy and alleviate poverty.



SDG Target 7.2:

By 2030, increase substantially the share of renewable energy in the global energy  $\mbox{mix}$ 

### Continued Implementation of Rural Energy Plans

CENN prepared four region-specific rural energy plans for the Adjara, Kakheti, Samegrelo-Zemo Svaneti and Mtskheta-Mtianeti regions. The plans provide policy and technical recommendations for promoting sustainable energy solutions. The rural energy plans were prepared as a result of the recommendations of the feasibility study and were discussed among key stakeholders. In April 2022, 500 printed copies were distributed to relevant stakeholders (MEPA, MoESD, NFA, private companies, etc.). The document provides a general framework, adequate information, and recommendations on incentives to promote sustainable energy solutions

(biomass value chain development, renewable energy, and energy efficiency technologies) that are accessible to both men and women. Additionally, each regional plan addresses regional specificities by suggesting short, medium, and long-term measures for the public and civic sectors to promote rural energy solutions. Based on the energy plans, pilot projects were designed and implemented in the regions of Georgia. The pilot projects covered the production-utilization of renewable energy to reduce energy pressure on forests by production of the energy efficient stoves; production of energy plantations and solid biomass briquettes; increasing energy efficiency in the working yards of the NFA as well as increasing energy efficiency in schools of Keda Municipality (Adjara AR).

Funding	Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)
Project	Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD)

### Promoting Energy Efficiency and Renewable Energy Technologies in Schools

During 2022 CENN has finalized its pilot project to introduce energy-efficient and renewable energy technologies in public schools in Keda municipality, Adjara AR. Improvements were introduced in up to 70 public schools, including the purchase and installation of photovoltaic systems, energy-efficient stoves, solar water heaters, water boilers, fire safety stands, and heat insulation materials. Informational banners promoting the importance of energy-efficient technologies for public schools were installed, which includes QR codes that provide detailed information about the technologies. The project was implemented with co-funding from the Government of Adjara. The pilot project has impacted 2,057 students and 587 teachers, with 35% of beneficiaries identified as socially vulnerable.



Funding	European Union/ENPARD, United Nations Development Programme (UNDP)
Project	Elaboration and Implementation of a Promotional Campaign for Energy Efficiency and Renewable Energy Technologies in Rural Areas



SDG Target 7.3: By 2030, double the global rate of improvement in energy efficiency

#### Promoting energy efficient stoves in the regions of Georgia

In 2022 CENN provided support to the production of energy-efficient stoves in Akhmeta (Kakheti region), increasing the capacity of a local company by cutting the production time, improving product quality, reducing production costs and promoting employment. As a result, the CENN project installed 63 energy-efficient stoves in 19 public schools located in the Kakheti and Samegrelo regions. The stoves, with an efficiency of 80%, led to a reduction in firewood consumption, resulting in a decrease in school expenses, as an added benefit for more than 800 people.

Furthermore, to reduce firewood consumption and energy costs and create demonstration sites, the SFMRD project distributed 40 energy-efficient stoves to the NFA's business yards. Additionally, 18 stoves were given to the Agency of Protected Areas (APA). Overall, a total of 58 energy-efficient stoves with 80% efficiency were distributed to the NFA and APA.



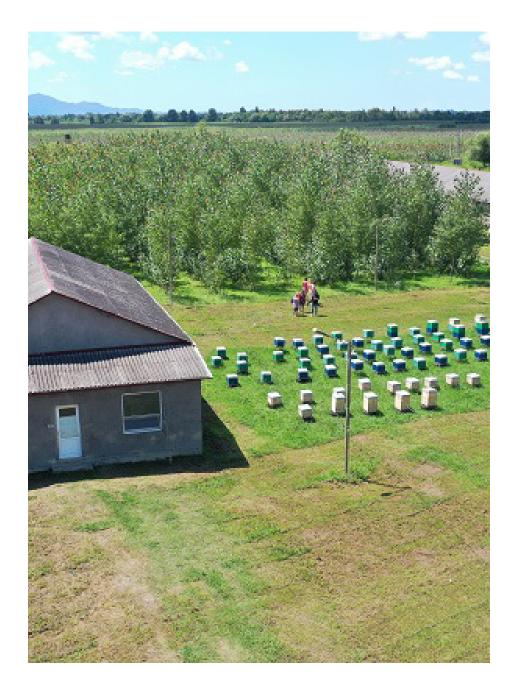


### Supporting the production of the wooden biomass briquettes and energy plantation

CENN provided support in relocation of briquette factory from Kakheti to the Same-grelo-Zemo Svaneti Region, resulting in decreased production costs for LLC Marani, a local company that owns the plantations of fast-growing poplar trees. Furthermore, CENN supported the company in acquiring new equipment for improved capacity and production of briquettes from wooden biomass. With the new equipment, biomass is extracted and chipped more efficiently, leading to increased employment opportunities. As a result of the pilot project the briquette factory of the LLC Marani began operations on December 1, 2022, employing 20 people (5 Women). By 2024, employment is expected to grow to 65-80 people. The briquettes produced in the factory distributed to 8 public schools in Samegrelo region since its operations and is planned to sell to other market participants.



Funding	Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)
Project	Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD)



# Agriculture and Rural Development

Due to a lack of other economic opportunities, agriculture is one of the key sectors in the rural areas of the Caucasus region.

Over the years, CENN has been pushing the frontiers of innovation to develop and advance best practices in sustainable agriculture and rural development. We build capacity and educate local farmers and promote new technologies and strategies to boost productivity and improve the lives of rural people. The Community-Led Local Development (CLLD) approach applied by CENN in rural areas gives local people a voice and the tools to make a real difference in their community.

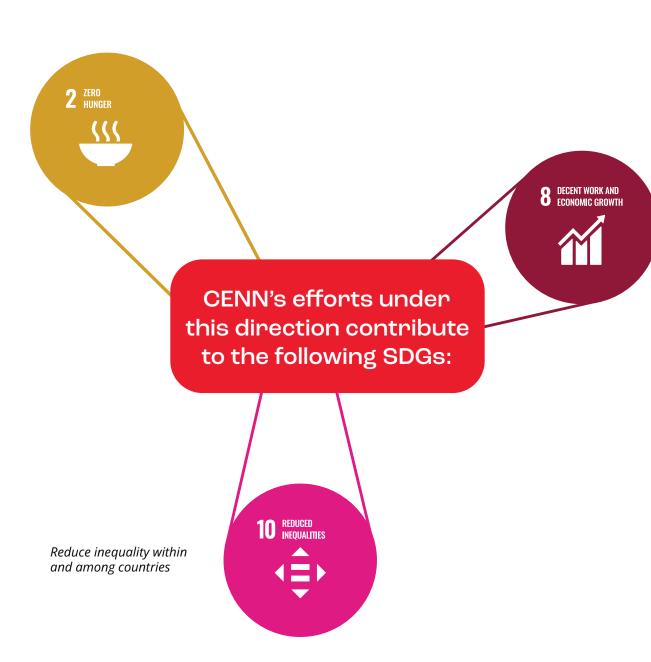
In terms of rural development, CENN focuses on promoting sustainable agriculture practices, supporting increased food security, and engaging local communities in Rural and Community-Led Local Development (CLLD).

In terms of sustainable agriculture, in 2022 CENN engaged in advocating for solutions of local challenges related to climate resilient agriculture in Marneuli municipality, delivered series of train-

ings aimed to increase capacity of farmers and local authorities on climate resilient agriculture in Marneuli municipality and showcased sustainable agriculture and farming practices through demonstration plots. Under food security, safety, and sustainability, CENN established women's agricultural cooperative on the basis of an active group of female eco-migrant farmers and provided capacity building to local farmers and cooperatives to implement sustainable land management practices in pasturelands. Finally, under Rural and Community-Led Local Development (CLLD), CENN continued to promote local tourism, diversify local income sources and promote non-timber sources of income from local forests by creating new attractions in the forests of Georgia, such as hiking and biking trails and provided capacity development for NFA on developing and upscaling recreational products, services, and infrastructure. Furthermore, CENN successfully advocated solving initiatives raised in gender and youth-sensitive Local Development Strategy (LDS) and supported local CSOs to engage in localization of SDGs.



End hunger, achieve food security and improved nutrition and promote sustainable agriculture



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

#### Sustainable Agriculture

Agricultural systems in the Caucasus region need to increase their outputs in a sustainable manner and, at the same time, adapt to the adverse effects of climate change and the loss of fertile lands to meet the demands of the population.

CENN promotes sustainable agriculture and farming practices by capacity building of the farmers, which, among many others, includes the establishment of demonstration plots and organization of field days and farmer field schools (FFS) to emphasize the long- and short-term benefits of sustainable climate resilient agricultural practices while reducing the environmental impact of the sector. CENN supports strategic planning of the sector through partnership and cooperation between government, the private sector, and non-governmental and international organizations.



SDG Target 2.4:

By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, which help maintain ecosystems, which strengthen capacity for adaptation to climate change, extreme weather, drought, flooding, and other disasters and that progressively improve land and soil quality

#### Advocating for Climate Resilient Agriculture in Marneuli

In 2022 CENN engaged in advocating for solutions of local challenges related to climate resilient agriculture in Marneuli municipality. The challenges were identified in the Framework Plan for Climate Resilient Agriculture (CRA) prepared in 2021, which is based on climate change scenarios and the adaptation plan and includes a general overview of agriculture in Marneuli municipality, identified challenges of the sector and vulnerable groups, capacity-building strategy as well as recommendations for different stakeholders. In addition, local stakeholders participated in the advocacy, through multi-stakeholder platform

and applying human-rights based approach. The multi-stakeholder platform was involved in the advocacy campaigns through the identification and prioritization of challenges, collection of information related to the selected problems, collection of photo/video materials, mobilization of community members, informing them about advocacy campaigns, collection of signatures from the local population, and initiating and participating in meetings with local and regional authorities and other stakeholders. During 2022, delivered advocacy campaigns responded to some crucial social and environmental problems in Marneuli municipality resulted in positive outcomes towards issues of pollution/waste management, scarcity of irrigation water and deforestation/illegal cuttings in the forest.

Funding	Heks-Eper
Project	PRAISE Marneuli: Promoting Climate Resilient Agriculture for Sustainable Livelihoods in Multi-ethnic Marneuli Municipality

#### Capacity Development of Farmers in Marneuli

In 2022 CENN delivered series of trainings aimed to increase capacity of farmers and local authorities on climate resilient agriculture in Marneuli municipality.

The training program was developed based on needs assessment of local farmers. The needs assessment conducted in Marneuli municipality identified major capacity gaps and needs related to climate-resilient agriculture practices. The assessment revealed that the main obstacles for farmers to adopt more climate-resilient agriculture practices are lack of financial resources, lack of technical knowledge about modern methods and technologies, and malfunctioning local water management systems. Findings revealed that knowledge of modern technologies and approaches, especially, on climate-resilient agricultural practices are significantly low among farmers.

The trainings covered a diversity of topics including climate change and sustainable land management, climate resilient livestock production, access to finances and farm management, climate resilient crop production (focus on high-value crop production), seedling production technology in a greenhouse etc. In total up to 100 local participants benefitted from the program.



Funding	Heks-Eper
Project	PRAISE Marneuli: Promoting Climate Resilient Agriculture for Sustainable Livelihoods in Multi-ethnic Marneuli Municipality

#### Demonstration Plots in Marneuli Showcase Sustainable Agriculture and Farming

In 2022, two demonstration plots were established to showcase sustainable agriculture and farming practices and demonstrate short and long-term benefits of climate-resilient agricultural practices while reducing the negative environmental impact of current production technologies. Demonstration plots hosted 3 field days in 2022 and showed the benefits of climate-resilient agriculture to up to 100 representatives of the local community.

The first demonstration plot is a green-house designed to produce vegetable seedlings on the base of Maradisi village's female agricultural cooperative, "Green Maradisi". The greenhouse has an over-head irrigation system, which is not only designed to conserve water and reduce the need for manual irrigation but also ensures precise and efficient watering of the seedlings. This leads to a reduction in water usage and improves the quality of seedlings by providing them with the

necessary moisture for optimal growth, resulting in seedlings that are stronger, equally developed, and more resilient to the climate after being transplanted in stressful open-field conditions. The greenhouse is also equipped with ventilation to protect the seedlings from the heat and maintain optimal growing conditions, which is particularly important for seedlings sensitive to extreme temperatures. The nets on the sides of the greenhouse create a physical barrier and protect the plants from insect invasions and weed seed distribution, reducing the need for pesticide use. By the end of 2022, the greenhouse was fully occupied by the broccoli, cauliflower, cabbage, and lettuce seedlings that were used both for the open field demo plot and by the farmers for their own fields in the spring of 2023. When fully occupied, the greenhouse is designed to hold 200,000 to 350,000 plants. Furthermore, the greenhouse will be able to produce this amount of plants at least three times over the course of a single growing season, ensuring consistent and bountiful production, significantly exceeding the needs of the cooperatives' members and giving them the ability to sell the rest of the plants, creating an additional source of income for them.

The second demonstration plot is an area of approximately 8000 square meters, showcasing the benefits of climate-resilient agricultural practices for open field production of high-value vegetable crops. CENN installed a drip irrigation system and advanced techniques such as integrated pest management (IPM), crop rotation, raised beds, and using climate-resilient adapted and high-quality seeds provided by the partner company, "Cartlis." These practices improve crop yields, soil health,

and reduce the need for inputs and the negative impacts conventional agriculture usually has on the environment. In 2022, CENN successfully demonstrated the production of summer squash, beets, radish, and cucumber using these climate-resilient practices, resulting in improved yields and quality. This serves as a valuable resource for farmers and other stakeholders interested in implementing these techniques in their own operations.



Funding	Heks-Eper
Project	PRAISE Marneuli: Promoting Climate Resilient Agriculture for Sustainable Livelihoods in Multi-ethnic Marneuli Municipality

# Food security, safety, and sustainability

Despite the existing potential and natural resources, countries of the Caucasus region are net importers of agricultural products. Furthermore, due to climate change and other global crises scenarios, the state of food security and nutrition in the region is under threat. To ensure that the population has access to nutritious, safe, and affordable food, improvements in the primary production, supply chains, and reduction of food loss and waste are urgently needed.

In an attempt to reduce hunger and malnutrition, CENN is working with various stakeholders to improve the productivity of the agricultural sector in a sustainable way, facilitate the strengthening of an agri-food value chain and reduce food loss and food waste in the supply chain.



SDG Target 2.1:

By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious, and sufficient food all year round.

#### Women's Agriculture Cooperative Established in Marneuli

In 2022 CENN established women's agricultural cooperative "Green Maradisi", on the basis of an active group of female eco-migrant farmers (representing a religious minority) in the village of Maradisi. CENN responded to their motivation and willingness to establish agricultural cooperation to expand the quality and quantity of their vegetable production, improve knowledge and

skills in terms of best agricultural practices and transfer their experience to farmers from neighbouring villages. For further sustainability, CENN established a demonstration plot (a greenhouse for vegetable seedling production) on the basis of the cooperative. By the end of 2022, the cooperation had already started the production of vegetable seedlings in the greenhouse. CENN provides the members of the cooperative with capacity building on climate-resilient agriculture as well as market-relevant services, such as agro-tourism and non-formal education in agriculture.



Funding	Heks-Eper
Project	PRAISE Marneuli: Promoting Climate Resilient Agriculture for Sustainable Livelihoods in Multi-ethnic Marneuli Municipality

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#### Local Farmers Learn How to implement Sustainable Land Management Practices in Pasturelands

CENN continues strengthening capacities of local farmers and cooperatives to implement sustainable land management practices in pasturelands in Kazbegi Municipality of the Mtskheta-Mtianeti region, Dmanisi Municipality of the Kvemo Kartli region, and Gurjaani Municipality of the Kakheti region.

In 2022 up to 300 people (farmers, local authorities, CSOs, representatives of Information Consultation Centers (ICC) and other governmental agencies) were trained through 7 thematic trainings. The trainings covered a variety of topics such as: Land Degradation Neutrality (LDN) oriented Sustainable Pasture management; LDN and Pasture Management Principles including causes land and pasture degradation and methods of sustainable pastureland management; Drought, land degradation and Nature based Solutions (NbS); Animal welfare and non-communicable diseases including impact of cattle diseases on animal products and methods

of fighting these diseases and preventive measures; beef cattle farming systems including beef cattle breeds best suited for the Georgian climate conditions; and effective communication, training and facilitation. The capacity building activities aimed to raise awareness of farmers and other stakeholders on land/pasture degradation, climatic and anthropogenic factors impacting pasture degradation, main principles, and measures of pasture management and LDN. This has created basic knowledge among the population which will make it easier to understand and adopt pasture restoration actions and pasture management plans.

For increased coverage, CENN ensured engagement of stakeholders from other municipalities in capacity building activities (farmers and ICC representatives from other municipalities were invited and attended trainings together with representatives from project target municipalities and villages). In addition, three digital knowledge materials were developed on (1) LDN Oriented Sustainable Pasture Management; (2) Effective Communication, Facilitation and Training and (3) Animal welfare and non-communicable diseases.



	Funding	Food and Agriculture Organization of the United Nations (FAO) and Global Environment Facility (GEF)
	Project	Achieving Land Degradation Neutrality Targets of Georgia through Restoration and Sustainable Management of Degraded Pasturelands (role of CENN: implementing partner)

# Rural and Community-Led Local Development (CLLD)

Community-Led Local Development is a new model for Georgia, when local people form local partnerships that design and implement integrated development strategies. This approach helps to increase the skills of rural people and help them get involved in addressing the local challenges that eventually lead to sustainable rural development.

CENN successfully piloted the CLLD model in the regions of Georgia and created Local Action Groups (LAGs) from active community members to support local actors overcome existing development constraints. We support community institutions and members to promote inclusive governance, create a common vision and participatory initiatives for rural development, apply effective agricultural practices, innovative approaches, and new technologies, and create business linkages with market players.

CENN, through the promotion of CLLD, supports approaches and activities, which lead to reaching economic, environmental, and social goals of rural development.



SDG Target 8.9:

By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products

#### Promoting Local Tourism via Developing Hiking and Biking Trails

During 2022 CENN continued to promote local tourism, diversify local income sources, and promote non-timber sources of income from local forests by creating new attractions in the forests of Georgia, such as hiking and biking trails.

In February 2022 development of hiking trails project for Kisiskhevi (Kakheti) in cooperation with the National Forest Agency (NFA) and the Georgian National Tourism Administration (GNTA) was completed. The infrastructure includes a picnic spot and a relaxation zone. The new hiking trail provides an opportunity for entrepreneurs and businesses in the municipality to attract tourists and diversify their income. The trails were created with the goal of adding a new, adventurous component and diversifying the area's tourist services. Given the proximity to municipal centres, the pilot project added a one-day adventure activities, benefiting around 200 people directly.

In April 2022, the Department of Tourism and Resorts of Adjara Autonomous Republic completed the second phase of building the hiking and biking trail connecting Keda and Shuakhevi Municipalities, which considered a further refinement of the infrastructure. The pilot project benefited around 20 existing and potential tourism providers in several villages in Dandalo and Shuakhevi, with a focus on vulnerable groups such as women and men under 30 and recipients of state social assistance. Artisans in the area were also prioritized, as their activities preserved traditional elements of Adjara's culture. Family businesses with resources but not yet involved in tourism were also identified as potentially interesting properties. The project ensured involvement of women and young people, who already played a vital role in existing facilities. Keda-Shuakhevi hiking and biking trail in Adjara AR, connecting Shuakhevi and Keda Municipalities, has the potential to create up to 30 new jobs.

Furthermore, CENN provided support to local product and service providers and DMOs, including a series of training for local tour guides and other nature tourism stakeholders on mushroom identification and mushroom hunting tours planning and management, and business development training for tourism service providers in the Kisiskhevi area.

Importantly, the designing process of new tourist sites is based on the implementation and assessment of the new guidelines and regulatory acts in the field of ecotourism and forest tourism such as Guideline on Identification and Management of Recreational Forests, National Guideline on Planning and Marking of Hiking Trails and National Operational Guideline on Hiking Trails Development.



Funding	Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)
Project	Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD)

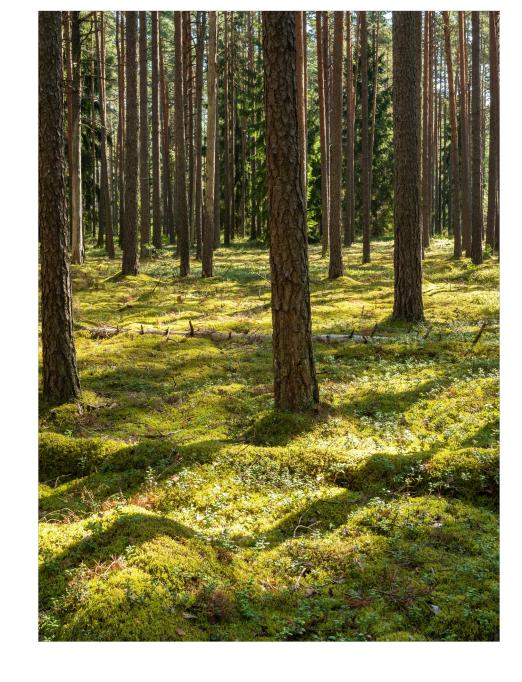


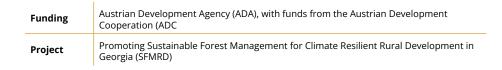
#### Increasing the Capacity to Promote Forest Recreational Resources

In 2022, CENN conducted capacity development trainings for NFA employees with the aim of developing and upscaling recreational products, services, and infrastructure. The training program equipped participants with the necessary skills to identify forest recreational resources and develop them into tourism products. The training covered various aspects of forest tourism, including identifying suitable recreational areas, developing investment packages, and marketing them to potential investors

via auctions. As a final output of the capacity development training, three investment packages for private sector management of forests were designed by the NFA employees and CENN's experts.

CENN also prepared Guidelines on Sustainable Management of Non-Timber Forest Products (NTFPs) in Georgia for MEPA/NFA, which aims to promote the sustainable management of NTFPs in Georgia and support the strengthening of capacities of national institutions in resource assessment, planning, and sustainable harvesting, and the use of NTFPs under climate change.



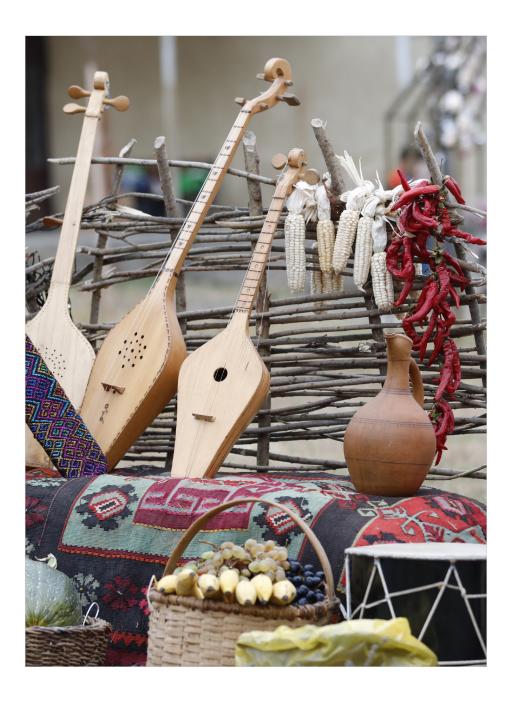


#### Promoting Tsalka as a Tourist Destination

In 2022 CENN continued promoting Tsalka as a tourist destination and organized two festivals. In June, the rural festival "Visit Tsalka" gathered young people, local entrepreneurs, government officials among others for exhibition-sale of products by the entrepreneurs, start-ups, small businesses, and other EU-funded projects. In addition, an educational event for young people was held, which included a children's painting exhibition and sale. Proceeds from the sale of the paintings were donated to support the Ukrainian people. In October, festival "EMBRACE Tsalka" offered to the participants a wide range of activities such as touristic route to the Tsalka Canyon, networking sessions, local product degustation, culinary masterclasses, an exhibition-sale of local farmers' products and B2B meetings for interested parties, and a live concert.



Funding	European Union/ENPARD
Project	EMBRACE Tsalka - Local LEADERs Embrace Sustainable Development in Multi-Ethnic Tsalka Municipality



SDG Target 10.2:

By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status

#### Local Development Strategy (LDS) of Tsalka Municipality

Local Action Group (LAG) in Tsalka municipality successfully advocated 5 issues to Tsalka City Hall, which agreed to address all of them. The initiatives include legalization of real estate for local teachers resettled by the state, solving access to water, gasification, and infrastructural development of Tsalka municipality. The initiatives were prepared as part of gender and youth-sensitive Local Development Strategy (LDS) based on the assessment of local needs, one of the key documents developed by the Local Action Group (LAG) in Tsalka municipality, which incorporates the specific needs of vulnerable groups. Tsalka LDS is approved by the local authority and serves for planning and support to prioritize the development needs of Tsalka municipality in the regional and national agenda and programs. With the assistance of the LDS, Tsalka municipality attracts investment opportunities, thereby facilitating further social, cultural, and economic integration and development.





### Promoting CSO Engagement in Localization of SDGs in Georgia

CENN has been assisting the SDG Secretariat of Georgia in implementing the localization Action Plan in five pilot municipalities – Rustavi, Telavi, Zugdidi, Kutaisi, and Batumi – of Georgia. Local SDG priority documents were developed in each municipality and multi-stakeholder engagement was ensured by providing joint workshops for state and non-state actors with the facilitation of CENN's expert and the team co-organized together with the local governments; supporting the process also included disseminating information publicly, inviting non-state stakeholders to the public reviewing meetings, collecting recommendations from CSOs. The action created synergies with other ongoing efforts and focused on filling the gaps in empowering local CSOs. Namely, the main focus of the initiative was to increase the capacities of local CSOs to actively engage in dialogue with local self-governments when working on the preparation of local policy documents for SDGs, reflecting local development priorities.

Furthermore, awareness raising campaigns were implemented in each of five municipality and as a result up to 250 students, school kids, teachers and lecturers enhanced their knowledge of SDGs, the importance of realizing SDGs, and their role in accomplishing the SDGs. During the awareness-raising campaigns, the participants stated increased motivation to take action in their communities for sustainable development.



# **Economic Growth**

Economic growth is critical for Caucasus region countries to solve their development challenges, drive progress and improve living standards.

CENN strives to create a fair and prosperous society in the region by supporting inclusive, sustained, and resilient economic development while preserving the natural environment. We partner with governments, the private sector, non-governmental and international organizations to foster modern, resource-efficient, and competitive economic development.

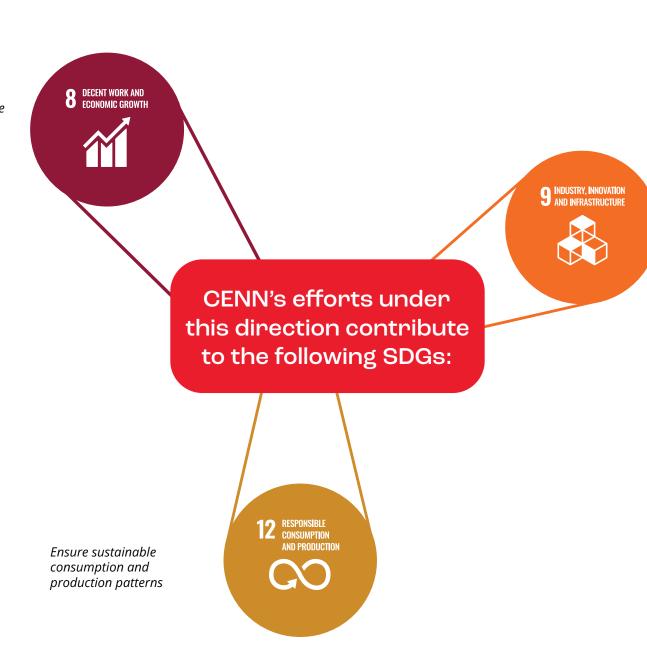
CENN assistance includes supporting decision-makers to develop and implement relevant policies and legislation to create an enabling business environment and promote the circular economy and resource efficiency. We build the capacity of the private sector to develop the workforce, apply innovations and new technologies, and improve productivity and sales.

CENN's approach towards economic growth focuses on promoting a circular economy, resource efficiency, creating enabling business environment for an inclusive economy and developing innovation, technologies and research.

In 2022 CENN was promoting circular economy and resource efficiency by implementing an innovative behavior-centered project aimed at reducing single-use plastic (SUP) consumption in the offices of Tbilisi, Georgia. In terms of enabling a business environment for an inclusive economy CENN focused on developing entrepreneurial capacity of local farmers, providing support to newly established social enterprises, and promoting increased employment by creating new jobs as well as organizing job fairs.



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

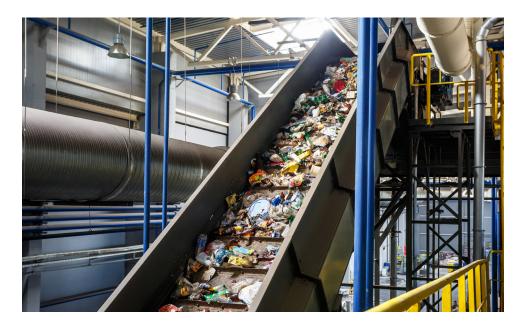


Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

# Circular economy and resource efficiency

Existing production and consumption patterns in the Caucasus region are mostly based on a linear economy. The development of a sustainable, low carbon, resource-efficient and competitive economy requires a transition to a circular economy, where the value of products, materials and resources is maintained in the economy for as long as possible, and the generation of waste is minimized.

CENN is developing solutions for the transition to a circular economy in the region. We promote resource-efficient models by supporting decision-makers to develop policy frameworks and introduce modern approaches. We build the capacity of the private sector to apply resource-efficient practices, support waste aggregating and recycling companies to improve their business operations and create opportunities for citizens to separate waste. CENN also assists educational institutions to integrate the circular economy concept into their programs and raises awareness of various stakeholders about the circular economy and proper waste management practices.



SDG Target 12.5:

By 2030, substantially reduce waste generation through prevention, reduction, recycling, and reuse

### Reducing Single-use Plastic Consumption in Offices of Tbilisi, Georgia

CENN implemented an innovative behavior-centered project aimed at reducing single-use plastic (SUP) consumption in the offices of Tbilisi, Georgia. An International Insurance Company IRAO was selected as the target organization due to its strong corporate social responsibility (CSR) direction. The pilot project aimed to change the beliefs and behavior of the employees as well as the company policies towards more environmentally friendly behavior and approaches.

CENN studied the behavior patterns of the employees and company's plastic procurement and consumption trends. The survey revealed that most frequently consumed single-use plastics among the employees of the target company were plastic bottles, plastic bags and plastic cups mostly chosen due to comfort, lack of alternative options and lack of knowledge about plastic waste.

Based on the research, CENN worked with the company to establish internal green policies by changing procurement practices and made single-use plastic alternatives more convenient and accessible for the employees. In addition, CENN worked to increase the capacity and awareness of the employees on the threats of plastic pollution and how individuals and companies can contribute to solving the problem.

The project approached intended behavioral change through diverse levers such as awareness raising on plastic waste consumption and management, provision of employees with glass bottles and reusable grocery bags, introducing new internal policy for waste management, campaigns aimed at emotional appeal, demonstrating positive social influence through media and CEO as the role-model of change and reminders of informational posters.

As a result of the project, PET bottle consumption and the use of single cups considerably decreased, while the use of personal glass bottles increased. The project serves as an example of a sustainable model on how to reduce SUP procurement and consumption was developed and introduced at the pilot institution, which can be further replicated in other institutions of Georgia.



Fund	ing	BE.Innovative, implemented by Rare as part of the PREVENT Waste Alliance initiative funded by the German Government through GIZ
Proje	ct	Reducing Single-use Plastic Consumption in Offices of Tbilisi, Georgia

CENN Annual Report 2022 / Contributing to SDGs

# Enabling a business environment for an inclusive economy

Businesses are engines for economic growth, playing a key role in fostering economic activities through their value chains. Creating and maintaining a business climate that stimulates inclusive and sustainable economic development is at the core of efforts to spur growth in the region.

CENN provides professional technical assistance to foster an enabling business environment by improving policy frameworks, promoting public-private dialogue and multi-stakeholder consultative mechanisms, and supporting an entrepreneurial ecosystem and inclusive business development.



SDG Target 8.3:

Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services

#### Strengthening Entrepreneurial Capacities of Local Farmers in Tsalka

In 2022 CENN provided further entrepreneurial capacity development of local farmers in Tsalka, to promote environmentally friendly, socially inclusive and economically sustainable projects.

The capacity building included a workshop on funding opportunities as well as work-based learning program on pasture management organized in coordination with Swiss Agricultural School Caucasus and field visits and instructions to the local dairy processing businesses in terms of implementation of HACCP standards and obtaining a national certificate of recognition.

In addition, trainings covered a variety of topics including livestock and its development opportunities; energy efficiency and climate-friendly farming; legislation, standards and impact on climate change on agriculture; production of lettuce, broccoli, and vegetable crops in the greenhouse in Tsalka; e-commerce and Digital Marketing; agro-tourism and hospitality industry; propagation of decorative plants etc.



Funding	European Union/ENPARD
Project	EMBRACE Tsalka - Local LEADERs Embrace Sustainable Development in Multi-Ethnic Tsalka Municipality

SDG Target 8.5:

By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value

#### New Jobs created in Tsalka Municipality

By the end of 2022, a total of 53 sub-grant projects were funded in Tsalka Municipality, with a total amount of more than 1,000,000 EUR. As a result of the sub-grants that were already implemented in Tsalka municipality, 179 new jobs have been created (employing 117 women and 62 men).

The grant competitions aimed at promoting economic diversification in the municipality and improving the well-being and socio-economic status of local communities by implementing projects relevant to the Tsalka Local Development Strategy (LDS) priorities. Both commercial (non-agricultural and agricultural) as well as social and educational initiatives are supported within the competitions. The projects covered such thematic areas as agriculture, tourism, non-agricultural commercial projects, education, and social inclusion.



Funding	European Union/ENPARD
Project	EMBRACE Tsalka - Local LEADERs Embrace Sustainable Development in Multi-Ethnic Tsalka Municipality



#### Facilitating Youth Transition to Job Market via Job Fairs

In 2022, Green Lane NGO (Armenia) and CENN organized two job fairs in Armenia to facilitate youth transition to the job market, 551 jobseekers participated in both events. The first Job festival was held in Tavush region in May 2022, bringing together more than 40 local companies offering vacancies and internship for the rural youth. It was held outdoors in the area of Yerevan State University Ijevan branch next to Tavush Innovation Knowledge hub. In May, another job festival was held in Shirak region. About 40 organizations, leading banks, NGOs, and companies were mobilized with the support of "Adamyan and friends" recruiting agency. As per approximate calculations, more than 1500 people participated. More than 350 people registered as participants but as the job fest was held on the active street, many were not registered. As a result of the job fairs 45 people found jobs after passing probation periods and internships.



#### Continued Support to New Social Enterprises in Georgia and Armenia

In 2022 CENN continued to support new social enterprises created as a result of the Caucasus Social Innovation Grant Competitions in Georgia and Armenia. A scale-up grant competition addressed these enterprises with the goal to support the established businesses with marketing and additional activities for the promotion of their social and environmental business models. As a result, 10 grantees were given additional funding, 5 in each country. In total, Caucasus Social Innovation Grant Competitions resulted in 27 new enterprises, employing up to 180 people through full-time or temporary employment (internship). The enterprises focus on a variety of thematic areas including waste management, sustainable use of natural resources, sustainable agriculture, eco-tourism and health in Georgia and agriculture, green production, eco-tourism, eco production and inclusion in Armenia.

Funding	European Union/EU4Youth
Project	Social Entrepreneurship Ecosystem Development for Green Growth in Borderline Regions (SEED)



# **Democracy** and **Good Governance**

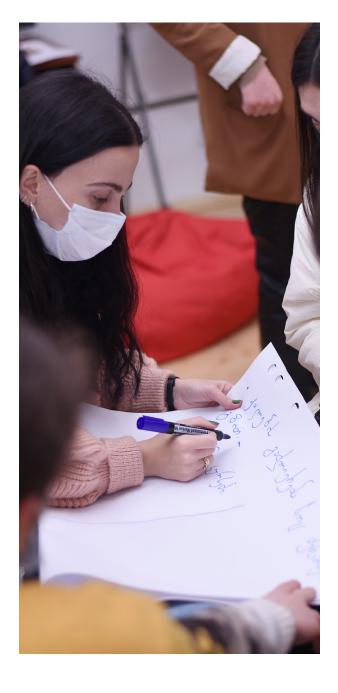
Democracy and Good Governance is a crucial issue for the South Caucasus region for further development towards the European path.

CENN believes that democracy and good governance go beyond the government and actively works with various stakeholders including the private sector, civil society, media, civic activists, etc. We acknowledge the importance of effective, transparent, and accountable public institutions and strive for strengthening democratic governance systems. With the partnership of international donors and organizations, we improve government capacities on the local, regional and national levels, actively contribute to inclusive policymaking and ensure the involvement of vulnerable, marginalized and disadvantaged groups, including women, youth, minorities, IDPs, people with disabilities (PWDs), LGBTIQ, eco-migrants in the decision-making process.

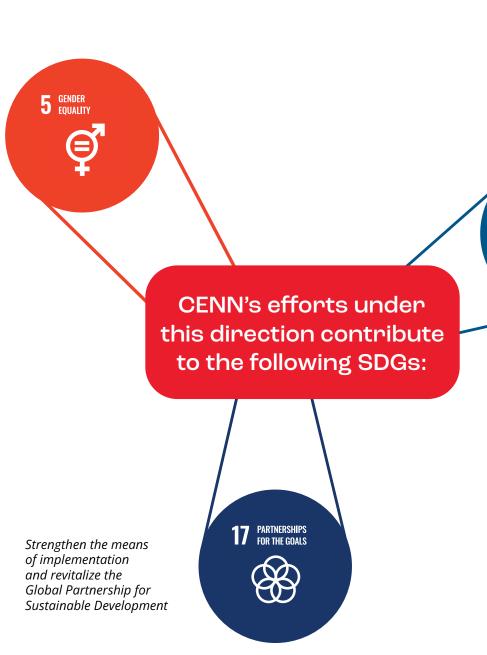
In terms of strengthening democracy, CENN focuses on promoting participatory and inclusive governance, human rights protection, civil society development, gender equality and women empowerment.

In 2022 CENN has been working on participatory and inclusive governance by providing continued

support to various multi-stakeholder platforms such as CSOs-LAs multi-stakeholder partnerships in Kvemo Kartli and Samtskhe-Javakheti, Multi-Stakeholder Working Group (MSWG) in Marneuli, Local Action Group in Tsalka, Association - Georgian Forest Product and Multi-stakeholder Platform for Sustainable Management of Forest Resources. Furthermore, CENN created opportunities for main stakeholders of the forestry, rural development and DRR sectors to learn European best practices in sustainable forest management practices and sustainable use of forest biomass. For human rights protection and civil society development CENN focused on empowering CSO cochairs and CSO members of four thematic working groups under the SDG Council of Georgia and on creating a clearer space and mechanisms for CSOs to engage in SDG-related planning, monitoring and reporting processes. CENN also focused its efforts on enhancing the capacities of local CSOs, youth, and women groups to advocate effectively for access to gender and child-sensitive social services in Kvemo Kartli and Samtskhe-Javakheti regions. Lastly, CENN has been supporting gender equality and women empowerment by deliberately focusing on girls and women through clubs, public spaces, and rural women councils (RWCs).



Achieve gender equality and empower all women and girls



Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

16 PEACE, JUSTICE AND STRONG

# Participatory and inclusive governance

Addressing existing challenges of sustainable development is impossible with the limited effort of any given sector alone, and requires a partnership of all sectors, both public and private. The participatory decision-making process remains to be a challenge in Georgia, both locally and centrally. The guarantees to engage in the policy-making process are scarce, inconsistent and often limited to merely informing or consulting, rather than meaningful and inclusive dialogue.

Over the years, CENN has secured a reputation as a reliable, effective, resourceful, and results-oriented partner in a relationship with the state and private institutions. CENN is facilitating a participatory decision-making process and engagement of non-state stakeholders. We are active members and/or co-chairs of relevant thematic working groups on the central level, and initiators of various multi-stakeholder platforms at the local, regional and national levels. In addition to advocating for more inclusive processes, we engage directly with local actors including CSOs, communities and youth, to increase their capacities as change-makers.



SDG Target 16.7:

Ensure responsive, inclusive, participatory and representative decision-making at all levels

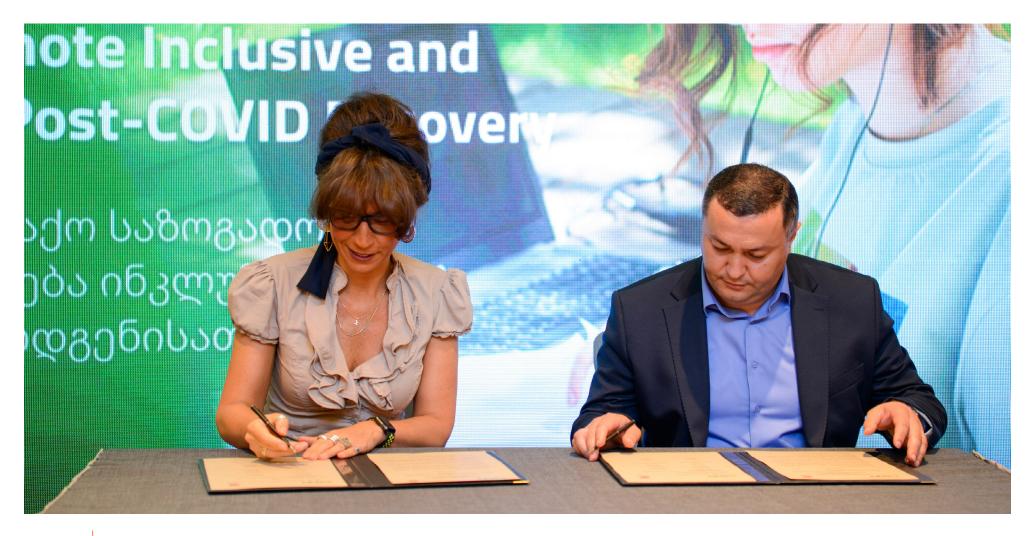
#### CSOs/Las multi-stakeholder partnerships in Kvemo Kartli and Samtskhe-Javakheti

As part of CENN's initiative to strengthen local CSOs in Kvemo Kartli and Samtskhe-Javakheti regions with Human Rights Based Approach (HRBA), multi-stakeholder partnerships were created with local authorities. The goals of the partnerships are to (1) stimulate evidence-based multi-stakeholder dialogue enabling CSOs and LAs to understand and respond to the current needs for improved quality, availability, and sustainability of local social and community-based service delivery and (2) enable the inclusive social policy-making process.

Initially, consultation meetings were conducted with local government decision-makers and other relevant stakeholders to agree on partnerships. Consultation meetings were conducted with the local CSOs working on social and health care issues in target municipalities. During the meetings, the primary deficiencies and achievements of municipal social programs were discussed, and participants were invited as members of partnership groups.

The CSOs/LAs multi-stakeholder partnerships were established by the mayors' decrees to ensure sustainability and effectiveness. According to the mayors' decrees, through the co-creation sessions, the WG members are responsible for developing strategies for overcoming existing challenges of social services delivery, updating key social policy documents, and modifying budget programs on social services. Moreover, they should outline new social service programs for the preagreed target groups.

The first introductory sessions were conducted in November-December 2022, where existing social programs, mechanisms for needs assessment, and improvements to existing programs were discussed. In the coming year, the newly formed groups will focus on the participatory development of recommendations for the existing programs, as well as the participatory development of new social programs corresponding to the needs of the vulnerable population.



Funding	European Union
Project	Empowering CSOs to Promote Inclusive and Green Post-COVID Recovery in Multi-ethnic Kvemo Kartli Region

#### New Multi-Stakeholder Working Group created in Marneuli

The multi-Stakeholder Working Group (MSWG) was established in Marneuli to promote economic opportunities and social inclusion of local stakeholders. MSWG has 15 members from three different sectors (civil society, private sector, and public sector), and diverse ethnic groups (Georgians, Azerbaijanis, Armenians); the majority of the members are women.

MSWG aims at identifying and prioritising local challenges in terms of the realisation of climate-resilient agriculture and the integration of vulnerable groups and communities in local development processes. Mostly, the MSWG engaged in designing, implementing and monitoring advocacy campaigns dedicated to eradicating acute local problems, such as soil and water pollution, faulty irrigation systems and insufficient waste management infrastructure throughout the municipality.

In 2022 four meetings of MSWG were held in order to discuss planned and implemented activities, including development of demonstration plots, open call for the rural women's agricultural cooperative, and follow-up steps for advocacy campaigns. Furthermore, MSWF worked on organizational development and prepared an action plan based on the identified needs and resources as a result of SWOT analysis. The group reviewed effective communication and division of responsibilities and practiced fundraising skills by preparing a project proposal.



Funding	HEKS-EPER
Project	PRAISE Marneuli: Promoting Climate Resilient Agriculture for Sustainable Livelihoods in Multi-ethnic Marneuli Municipality

#### Continued Support to Local Action Group (LAG) in Tsalka

Based on EU LEADER principles, CENN has established and continues supporting the Local Action Group (LAG) in Tsalka municipality. In 2022, CENN continued to support the successful operation of Tsalka LAG in a number of ways, by establishing the cooperation with different LAGs in Georgia and in Germany.

In June and July, Tsalka LAG members attended a study tour in Akhmeta LAG as well as to Mountain Development Forum held in Mestia, organised by the CARE Caucasus. These events gave participants opportunity to exchange the existing experience among the LAGs and other stakeholders, successful examples of project implementation, existing challenges, and successful practices of cooperation with various stakeholders etc.

In addition, in May 2022 Tsalka LAG members, project beneficiaries, and government representatives took part in a study tour in Frankfurt, Hohenlohe-Tauber, and Hunsruck regions of Germany organized by Institute for Rural Development Research (IfLS). The main purpose of the study visit was to get acquainted with the European LEADER approach, German practice, the structure of LAGs in Germany, their funding sources and implemented projects, establishing networks, and exchanging information.

The Tsalka LAG operations cover all villages (42 in total) and the city of Tsalka - 100% of the population in the municipality, creates equal opportunities for the local population, represents the interests of vulnerable groups and is currently fully functional. Tsalka LAG has 190 total members, 38% of which are women.



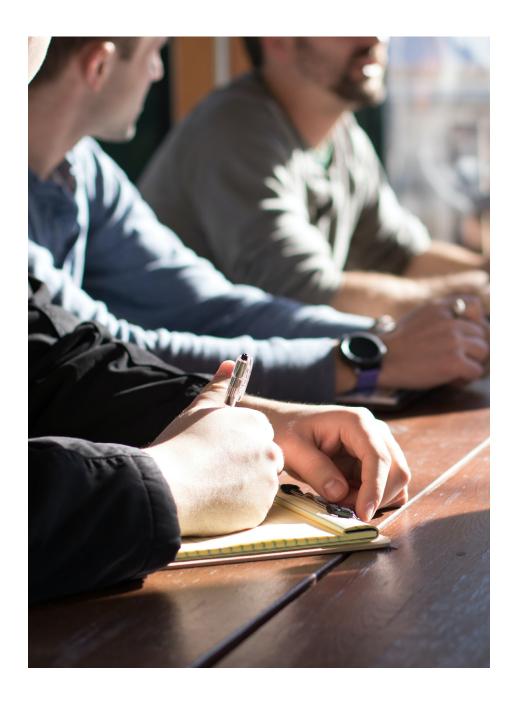
Funding	European Union
Project	Local LEADERs Embrace Sustainable Development in Multi-Ethnic Tsalka Municipality – EMBRACE Tsalka

#### Association - Georgian Forest Product

CENN and its local partners - LLC Caucasan and Living Roots - have established the Georgian Forest Product Association (GFPA). Forty private companies have already become members of the Association. The Association has played a mediation role between the state and business in for lobbying enactment of new regulations on non-timber forest products (NTFPs) and has been actively involved in the discussion of forest resources usage regulating decrees, identified gaps, deficiencies in the documents, as well as production and disposal of solid biomass. The Association promotes generating legal employment opportunities in the forestry sector for the private sector. In 2022 the Association with support from CENN has development methodology for assessment of non-timber forest products (NTFPs), which is aims to be integrated in the process of licensing of natural resources.



-	Funding	Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)
	Project	Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD)



### Multi-stakeholder Platform for Sustainable Management of Forest Resources

In 2022 CENN continued to support the functioning of the multi-stakeholder platform "Forest Group of the Inter-Agency Coordination Council for Rural Development" (FG-IACCRD) and its synergies with the National Forest Program (NFP).

CENN provided thematic training on using The Forest and Land Use Atlas and portal for FG-IACCRD members from the relevant government agencies including National Food Agency; Soil Fertility Research Service of the Scientific-Research Center; The National Agency for Sustainable Land Management and Land Use; National Environment Agency; Department of Biodiversity and Forestry; The State Sub-Agency Department of Environmental Supervision; Adjara Forestry Agency etc.

In addition, a training was conducted for National Forest Agency staff on the identification, marketing and leasing of forest territories, covering existing technical regulations and guidelines prepared by CENN, such as Guideline on the Identification of Touristic-Recreational Forests and their Management in Georgia and Institutional model and action plan for the management of recreational forests of Georgia. The training led to the design of three "Leasing Packages" authorized for use by the NFA. The lease packages include the following projects developed within the SFMRD project framework: Mukhuri recreational park project (Rope Park, zip lines, cottages, trails); Kisiskhevi trails; Tchuberi Trails. The lease packages are designed to help the NFA attract investments and administer the regions in a responsible and sustainable way.

In 2022 CENN also continued facilitating a participatory dialogue via FG-IACCRD by contributing to elaboration/discussion of the determining sector specific documents, including the National Security Concept of Georgia.

Funding	Austrian Development Agency (ADA)
Project	Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD)



SDG Target 17.16:

Enhance the Global Partnership for Sustainable Development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology, and financial resources, to support the achievement of the Sustainable Development Goals in all countries, in particular developing countries

### Study Tour to Austria for the main stakeholders of the forestry, rural development and DRR sectors

In November 2022 CENN organized a 7-day study tour in Austria for the main stakeholders (including main decision-makers) of the forestry, rural development and DRR sectors to learn European best practices in sustainable forest management practices and sustainable use of forest biomass. During the official visit to Austria, the Georgian delegation held a meeting with Mrs. Maria Patek, Deputy Federal Minister of Agriculture, Forestry, Regions, and Water Management of Austria. The parties discussed the Austrian business model for forest management, integrated disaster risk management, and climate change-related issues. Mrs. Maia Bitadze, Chair of the Environmental Protection and Natural Resources Committee, of the Parliament of Georgia, Mrs. Khatia Tsilosani, the Deputy Chairperson, as well as representatives of the Emergency Management Service and the National Security Council attended the meeting. Moreover, the meetings were organized with the representatives of the Federal Ministry of Agriculture, Regions and Tourism of Austria (BML), Austrian Federal Forests (ÖBf), Austrian University of Natural Resources and Life Sciences (BOKU), the Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BFW), the Natural Disasters Research Institute and the Geopark Karawanken. As a result of the study visit, the Georgian delegation gained valuable practical experience, which further reinforced the results obtained through the 4-year expert support of the SFMRD project. Additionally, the study tour revealed new priorities and contributed to the agreement on certain issues that could not have been achieved through theoretical reasoning alone. These issues included the categorization of forests, management of forest lands, adaptation to climate change, forests and DRR and other important matters.

Funding	Austrian Development Agency (ADA)
Project	Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD)



### Transboundary Cooperation of Conflict-Affected Youth on Climate Change

CENN continues working on climate change as a universal threat and an opportunity for transboundary cooperation of youth and building a strong civil society. For this purpose, CENN implemented a project "Youth for Sustainable Development (Y4SD): Building Cross-Border Confidence through Joint Climate Actions for Resilience Building" which aims at empowering youth, teachers, students, and environmental professionals from the conflict-affected communities to unite forces and advocate for action against climate change. The project involved teachers, educational resource centers, university representatives, youth, and educators from the conflict-affected regions of Georgia.

As part of the project, a brief publication was developed which compiled the main findings in relation to climate change awareness of local communities in the target municipalities. The project included a variety of awareness raising activities such as school-based environmental campaigns, meetings with thematic experts on negative impacts of climate change, increasing waste management by upcycling old broken umbrellas into multiple use tote bags, etc. In addition to environmental topics, the project also focused on discussing human rights, environmental peace-building, gender and society, activism and non-formal education, Sustainable Development Goals (SDGs), project writing, etc. The joint initiatives contribute to the people-to-people and community-led peacebuilding and reconciliation.



## Human rights protection and civil society development

Previous experiences demonstrate how crucial it is to develop a strong local civil society capable to participate in policy development and engage in human rights protection to ensure the delivery of rights-based social services, as well as equal access to decision-making, especially for people living in vulnerable and marginalized communities. Participatory incentives and enhanced efforts in building foundations for broad-based democratic ownership from CSOs and Local Authorities (LAs) are important catalysts to address concerns regarding the protection of human rights and the empowerment of ethnic minorities. CENN works on civil society development, including formal and non-formal groups. We believe that a strong and competent civil society furthers the self-reliance and resilience of society.

SDG Target 17.9:

Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the Sustainable Development Goals, including through North-South, South-South and triangular cooperation

#### Promoting Participatory Implementation of SDGs in Georgia

CENN is a co-chair of a Working Group of the SDG Council of Georgia on Sustainable Energy & Environment Protection (along with the Ministry of Environmental Protection and Agriculture and UN FAO). In this capacity, CENN implemented a project aimed at supporting the SDG Secretariat of Georgia in ensuring multi-stakeholder dialogue in the process of implementing SDGs.

The action focused on empowering CSO co-chairs and CSO members of four thematic working groups under the SDG Council of Georgia and on creating a clearer space and mechanisms for CSOs to engage in SDG-related planning, monitoring, and reporting processes. With this goal, the capacity of the working group member CSOs has been raised through capacity-building activities (workshops and trainings) and created a space for them to work together, gain a better understanding of the objectives of the WGs, their role, and motivation to engage in the implementation, monitoring, and reporting of SDGs. Furthermore, the capacity of co-chairs to be engaged in the implementation, monitoring and reporting of SDGs has improved. As a result, 3 shadow reports were developed on SDG 4, 6 and 7 by CENN and co-chair organization Coalition "Education for All".

In addition, to better institutionalize active engagement of SDG Council working groups, the action plan of working groups was created for the first time, through an inclusive and transparent process including CSOs and SDG Secretariat. Thanks to the "CSO Consultations" launched in the frame of the project, WG member CSOs prepared joint

recommendations dedicated to the elimination of gaps and improvement of the existing nationalized SDG targets. CSO recommendations were also collected towards the improvement of the operation of the SDG council.

Lastly, with the effort of the project, the meetings of the co-chair state agencies, UN representatives and CSOs, the TWG separate meetings as well as the annual meeting of the Council took place after a long pause due to COVID-19 pandemic.



**Funding** 

German Society for International Cooperation (GIZ), Recover Better Support Fund

Project

Continued Nationalization of SDGs via Promoting Localization and Multi-Stakeholder Engagement in Georgia SDG Target 17.17:

Encourage and promote effective public, public private and civil society partnerships, building on the experience and resourcing strategies of partnerships

#### Capacity development program for local CSOs in Kvemo Kartli and Samtskhe-Javakheti regions

In 2022 CENN started a tailored capacity development program with Human Rights Based Approach (HRBA), aimed at strengthening local CSOs in Kvemo Kartli and Samtskhe-Javakheti regions. More specifically the goal is to enhance the capacities of local CSOs, youth, and women groups to advocate effectively for access to gender and child-sensitive social services (with a specific focus on human rights to water, sanitation and hygiene (WASH) and health) and promote meaningful and inclusive participation for green and resilient post-COVID recovery in the Kvemo Kartli and Samtskhe-Javakheti regions.

10 participating CSOs (7 in Kvemo Kartli and 3 in Samtskhe-Javakheti) were selected through an open call and competitive process, based on such criteria as their capacity, motivation to work on participatory democracy practices and social service development in Georgia.

At the initial stage, the selected CSOs took part in capacity self-assessment focusing on such areas as organizational credibility and community engagement; resource mobilization and fundraising; advocacy and service provision and core competencies and networking. Based on the assessment report, the project team

created a tailor-made gender-sensitive Capacity Development Program (CDP) for the pre-selected targeted CSOs.

The first training of the Capacity Development Program was conducted in November 2022 on "Developing Social Policy at Local Level". The training covered key issues related to the socio-economic environment in Georgia, the approaches of central and local authorities towards social policy, and the various forms of social services and programs offered at the central and local levels. The topics related to human rights-based approaches to social programs, the volume, variety, and quality of social services, and the planning, implementation, monitoring, and evaluation of social services and budget programs at the local level were also covered. The team further discussed issues related to the cost of social services and programs and budgetary limitations, social service effectiveness measurement and accountability. prioritization of social services and programs, and engagement of interested parties in the process of developing and providing social programs. The participants were exposed to local and international examples and best practices of social services and programs, which further enriched their understanding of the subject matter. The training was followed by individual mentoring sessions.



Funding	European Union
Project	Empowering CSOs to Promote Inclusive and Green Post-COVID Recovery in Multi-ethnic Kvemo Kartli Region

#### Civic Participation Program for young adults in Kvemo Kartli and Samtskhe-Javakheti

CENN created Civic Participation Program for young adults (18-30) in Kvemo Kartli and Samtskhe-Javakheti regions. The aim of the programme is to support the youth to overcome socio-economic issues in their communities and increase their civic participation. The Civic Participation Programme is comprised of four components: Civic Education Camp, Training, Mentoring and Implementation of campaigns.

24 participants were selected for the program, who participated in the 5-day long Civic Education Camp. The camp is comprised of guest speakers on various civic participation topics, meeting with activists and authors of local initiatives. It covered the topics such as Human Rights, Civic memory and the challenges of Russian propaganda, Media – functions, forms, and its role in the democratic development of the government, Protecting the rights of ethnic minorities, etc. The participants also met with the

local activists and authors of local community initiatives. During the second half of the camp, participants were divided into five groups and worked on individual project proposals and a draft budget. In total, 5 projects were drafted, out of which three were selected for financial support.

Following the civic education camp, the participants were offered a series of trainings and mentoring to assist the groups in finalizing their projects. The series of trainings were conducted on the following topics: Developing advocacy campaigns, Civic engagement mechanisms, developing a communications strategy and action plan, Developing a project proposal and project cycle management. In celebration of the human rights week, the participants of the civic education camp conducted a training on basics of democracy at a school in Marneuli municipality.

In the final phase, CENN supported the implementation of three youth-led projects in Kvemo Kartli and Samtskhe-Javakheti regions, which reached 750 people from target municipalities.



Funding	European Union
Project	Empowering CSOs to Promote Inclusive and Green Post-COVID Recovery in Multi-ethnic Kvemo Kartli Region

# Gender equality and women empowerment

CENN strongly believes that sustainable development is best achieved through empowering girls and women, enhancing the voice of marginalized and vulnerable groups, and promoting gender-sensitive participatory processes at all levels.

Gendered drivers and impacts of environmental degradation and climate change amplify existing gender inequalities. In many contexts, women's dependence on and unequal access to the environment – land, water, and other natural resources – and public services and infrastructure, including energy, transport, water, and sanitation, mean that they are disproportionately affected by climate change, environmental degradation, and disasters.

Women and girls should be an integral part of developing solutions to reduce the impacts of climate change. Therefore, enabling women's voices and promoting women leadership are prerequisites for resilience building, sustainable development, and the fulfilment of gender equality and human rights. CENN strives to ensure women's substantive and meaningful participation in sustainable development-related strategies, policies, programs, and projects and to empower them as agents of change. CENN through various programs and initiatives support increasing women's employment opportunities, particularly for rural and vulnerable women.



SDG Target 5.5:

Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic, and public life

#### Marneuli Girls' Club Unites Active Girls

The Girls' Empowerment Club in Marneuli unites twenty local girls, mostly from ethnic minorities living in various villages of Marneuli. In 2022 the Club has implemented diverse empowerment activities for the members, including open discussions, film screenings and meetings with successful female entrepreneurs. Open discussions covered such topics as green entrepreneurship in agriculture in Marneuli city, pollution's economic, social and environmental consequences, the importance of waste management, the role of young people in transforming local communities, eco-friendly living, eco-friendly construction, and climate-resilient and regenerative agricultural production, social and environmental aspects of green spaces and youth role in creating and conserving green spaces.

In addition, the Girls' Club had meetings with various successful female entrepreneurs including the guest house "Artist's House" in Tetritskaro municipality, social enterprise "Knowledge Café" and eco-friendly house "Aremare" in Mukhrani village. The meetings were aimed at giving girls motivation for continued self-development despite vulnerable starting positions by showing examples of successful social entrepreneurship (SE).

Funding	Heks-Eper
Project	PRAISE Marneuli: Promoting Climate Resilient Agriculture for Sustainable Livelihoods in Multi-ethnic Marneuli Municipality

#### Tsalka Rural Women Open Café

In 2022 CENN continued supporting Tsalka Rural Women Open Café", a public space for open discussions, trainings, and meetings with successful women with 30 more events. Within the framework of the Rural Women Open Café, a wide range of educational, cultural, practical and networking events were conducted, among which many of the local community representatives, youth and women were able to establish long-term networking practices and build important partnerships with the invited speakers and organizations, as well as integrate, connect and engage with each other. From 2020-2022 up to 90 events were conducted, attracting hundreds of participants.



Funding European Union/ENPARD

Project EMBRACE Tsalka - Local LEADERs Embrace Sustainable Development in Multi-Ethnic Tsalka Municipality

SDG Target 5.a:

Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws

#### Promoting Economic Empowerment of Women in the Forestry Sector

Throughout 2022 CENN continued building the capacity of local communities, particularly women and girls through the Rural Women Councils (RWCs) established with the support of CENN. Women are actively involved in the collection and processing of NTFPs. Namely, more than 1,000 employees of the members of the Georgian Forest Product Association are women.

Starting in January 2022 onwards, the RWCs launched the local initiatives in all target regions of the project – covering Keda, Pshavi, Mukhuri and Kakheti region. The activities implemented by RWC are diverse and include support to developing biking tourism in Keda, obtaining plant-derived dyes in Pshavi,

supporting forest-based ecotourism and in Mukhuri and sharing knowledge about women-led social entrepreneurship in Kakheti region. The activities covered trainings, workshops, study visits to successful green and social enterprises, work-based learning initiatives and field visits to local forests.

Before the implementation of the local initiatives, the RWCs organized public presentations for the local stakeholders, including local authorities, as well as the community members, especially local women, and girls. Additionally, Georgian Ecotourism Association provided additional capacity building to RWCs on eco and forest-based tourism with the focus on hiking guiding and on enhancing rural women's ability to generate income from the multifunctional and sustainable use of forest with the focus on non-timber forest resources.

Funding	Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)
Project	Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD)

### Education and Youth

Education is central to the development and improvement of the lives of young people in the Caucasus region and globally. Education is critical in eradicating poverty and inequalities and in promoting sustainable and inclusive growth of societies.

CENN has mainstreamed youth inclusive formal and non-formal education in its various programs and projects in the region, as we recognize the importance of the role of educated youth in shaping an environmentally conscious and responsible society. CENN offers numerous opportunities for adolescents and youth for self-expression and growth as well as leadership towards sustainable development. We partner with central and local government representatives, educational institutions, namely, schools, universities, VET centers, policy, and decision-makers to educate youth and accelerate the green and digital transition of societies.

With the support of CENN's past and ongoing engagements, 500+ school eco-clubs were established in the region, diverse university curricula were introduced in the Caucasus countries, as well as hundreds of young people, were empowered via non-formal education – Green Camps, environmental and youth campaigns and activism. With formal and non-formal education endeavours we also contribute to youth's further transition to the job market.

Under education and youth, CENN focuses on the strengthening of education systems, human capital development as well as youth development, entrepreneurship, and leadership. In 2022 CENN continued strengthening education systems by organizing Annual SDG-themed Niko Ketskhoveli Award for Schools, promoting youth activism, and providing participants with valuable skills such as observation, data collection, analysis and research, as well as teamwork and collaboration with other schools and governmental agencies. In terms of human capital development, CENN remains active in organizing diversity of awareness-raising initiatives included media campaigns, tree planting activities, open-air exhibitions, competitions, cleanups, study tours, movie screenings, trainings, and workshops, etc. CENN also continues to provide Green Scholarship for exceptional youth activists promoting sustainable development and youth engagement in their communities. Finally, under youth development, entrepreneurship, and leadership, CENN's focus lies at increasing entrepreneurial skills among youth and providing various opportunities of non-formal education on such diverse topics as sustainable development, rural development, environmental protection, climate action, entrepreneurship and innovations, human rights, science and technology, waste management, circular economy, WASH, active citizenship, etc.



End poverty in all its forms everywhere



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

# Strengthening education systems

A strong education system is a cornerstone for continuous and inclusive education for the young generation in the Caucasus region. Systemic policy reforms, harmonization of existing educational practices (introducing both – formal and non-formal education platforms/projects) and governance to modern standards and job market requirements are streamlined in CENN's past and ongoing work.

Our teams work alongside ministries, schools, eco-clubs, universities, VET centers and various educational institutions to conduct research, develop teacher, pupil and student standards and benchmarks; create platforms for learning-by-doing and knowledge and skills development via activism and volunteering, and creating teacher training curricula; develop and distribute new teaching and learning materials; provide certification courses for teachers and students. We also assist graduate and undergraduate programs to introduce innovative methodologies and skills development programs for students.



SDG Target 4.7:

By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development

#### Annual SDG-themed Niko Ketskhoveli Award for Schools

Since 2014, CENN has held annually the Niko Ketskhoveli Award for school students all around Georgia. What started as an environmental initiative has turned into a completely SDG-themed competition. Participants compete by planning and implementing various community initiatives directly connected to achieving SDG goals, such as campaigns, studies, clean-ups, tree planting and grafting, trainings, presentations, growing own food, social enterprising, volunteer work, charity, etc. The yearlong competition promotes youth activism and provides participants with valuable skills such as observation, data collection, analysis, and research, as well as teamwork and collaboration with other schools and governmental agencies. During the competition, participants receive feedback from a Jury comprised of various institutions such as the Ministry of Environmental Protection and Agriculture, National Forestry Agency, Ministry of Education and Science, Tbilisi Zoo Education and Research Center, and FAO Georgia.

In 2022, out of more than 430 participating schools, 3 winners of the Niko Ketskhoveli Youth Award were: Public school #10 of Abkhazia (1st place); Rustavi #18 public school (2nd place) and Rokiti Public School (3rd place). In terms of awards, CENN purchased techical equipment for the school community projects.

Funding

Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)

Project

Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD)

#### **Human capital development**

We believe that human capital is a cornerstone for green growth, innovation, and sustainable development overall. Equipped with modern knowledge, skills, and jobs, human resources stand to be the most important driver of economic growth and a sustainable key to social progress in the Caucasus region.

CENN prioritizes human capital development across all interventions, focusing on building thematic modern knowledge for various target groups such are farmers, foresters, teachers and schoolchildren, female entrepreneurs, social and green start-uppers, private sector representatives, and many more. To achieve this goal, CENN offers a mixture of various tools – from tailored trainings, coaching, and experience sharing – to the creation of educational programs, curricula, and knowledge materials, as well as knowledge transfer and sharing mechanisms.

Moreover, CENN prioritizes continued education for its staff members, offering thematic training and courses for professional and personal development to maintain knowledgeable and skillful team members.



SDG Target 12.8:

By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature

CENN promotes the celebration of thematic environmental days and significant global events to increase awareness of the general population, especially the youth. In 2022, the awareness-raising initiatives included media campaigns, tree planting activities, open-air exhibitions, competitions, clean-ups, study tours, movie screenings, trainings, and workshops, etc.

The environmental days that were marked by CENN activities included Earth Day, Conference of the Parties to the Climate Convention (COP), World Environment Day, World Clean-up Day etc.

#### These are some of the highlights from the year:

- ► CENN's online #ACT4CLIMATE campaign reached more than half a million people. The online campaign with the aim of raising public awareness concerning environmental issues and encouraging climate action, urged people to take effective steps to protect the environment and contribute to mitigating the effects of climate change. The results are available <a href="here">here</a>.
- CENN together with the partner business companies Procredit Bank, Toyota Caucasus, and Adjara Group, implemented a competition Act4Climate for journalists, bloggers, and vloggers. The idea of the competition was to prepare articles, blogs, video reportages, vlogs and / or photo histories to describe the process of climate change, its negative impacts and viable solutions as well as encourage the public to contribute to reducing the negative effects of climate change through simple, daily actions. As part of the campaign the journalists were trained in climate change-related topics. In addition to CENN giving out gift cards for technical equipment, competition partners Procredit Bank, Toyota Caucasus, and Adjara Group awarded their chosen candidates. The companies selected candidates that showcased responsible business values and successful practices in an environmental context, strategic and long-term vision as well as creative work that demonstrates the importance of introducing eco-friendly practices in the business sector.

- ▶ A pro-European bike tour was organized by young activists in Kvemo Kartli. The aim of the bike tour was to popularize European values and highlight why Georgia supports European integration. The bike tour was held on 19th June, symbolically a day before the 20th of June, which marks the eruption of anti-Russia protests back in 2019. The participants rode from Dmanisi to Marneuli and made frequent stops to hand out fliers and posters and speak to the locals about European values. The campaign was a result of a 3-day workshop organized by CENN on campaign planning. The aim of the workshop was to equip local activists with the knowledge and skills for local policymaking. Additionally, it provided an opportunity for networking.
- As a result of Green and Social Entrepreneurship Ideathon in Gori Municipality (7-14 November, 2022) 3 winner teams were awarded with small grants for running their enterprises a 12-year-old ceramic artist, garden seeds in greeting cards, and an eco-friendly cardboard puppet theatre for schools these were the students and the ideas financed within ideathon. A 12-year-old ceramic artist, Giviko Abalaki from one of the villages in Gori, is the youngest beneficiary of the Action. Giviko is a pupil of an old ceramic master, who is a master of unique techniques and is providing masterclasses for youth.
- A youth employment skills campaign was conducted in Ninotsminda municipality in October-November 2022. Youth living in Ninotsminda municipality, in partnership with Radio Nor (local radio channel), initiated a campaign to develop youth employment skills. Within the campaign the following activities were organized: meetings on volunteering and media literacy, trainings in journalism and photography. As a result of the campaign, 5 participants started volunteering and one person was employed at Radio Nor.





#### CENN Green Scholarship Empowers Local Youth to Become Change-makers

CENN has established annual Green Scholarships for exceptional youth activists promoting sustainable development and youth engagement in their communities. In 2022, CENN awarded 2 young people with Green Scholarship in the following nominations:

- 1. Sandro Narsia (Samegrelo-Zemo Svaneti), won the nomination "protection of forest resources and biodiversity," sponsored by the SFMRD project with funding from the ADA. Sandro is Sandro Narsia is an active participant of Niko Ketskhoveli eco-club. He is studying to become a forester and has established his own nursery which supports the preservation of endangered boxwood in Georgia.
- 2. **Lizi Gvedashvili** (Signaghi, Kakheti region), won the nomination for "contribution in raising awareness about climate change and decreasing environmental impact 2022", sponsored by the GEO-CAP project. Lizi has been actively involved in environmental activities for the past several years.









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# Youth development, entrepreneurship and leadership

Youth play a significant role in building a better future that is greener, more inclusive, and digital. CENN is striving to give young people more opportunities for the future. Youth in the Caucasus region is still facing challenges in terms of education, training, learning, employment, entrepreneurship, and participation.

In the past years, we have witnessed the determination and strength of the younger generation to create more employment opportunities in green industries. CENN, therefore, provides various development programs for rural youth to accelerate their social, environmental, and innovative business models and become key drivers of societal changes through entrepreneurship which empowers them in becoming able to generate income and employ those in need. To achieve this, we work with public, private, and academic sector representatives.

SDG Target 8.6:

By 2020, substantially reduce the proportion of youth not in employment, education or training  $% \left( 1\right) =\left( 1\right) \left( 1\right)$ 

Rural Innovation Knowledge (RIK) Hubs Increase Capacities of Local Youth via Campaigns

CENN, Green Lane NGO and KRDF established 6 Rural Innovation Knowledge (RIK) Hubs in Gori, Ninotsminda, Akhmeta (Georgia) municipalities and Lori, Tavush, and Shirak (Armenia) provinces. The hubs provide space and facilities for the development of young people, especially women and girls, in remote and vulnerable communities.

Each Rural Innovation Knowledge Hub provides access to the internet and technology for at least 200 young people (including the youth from neighboring villages) to address information gaps in remote locations and enable them to discover new opportunities for growth and income generation. In addition to giving access to innovative knowledge and technologies to local vulnerable communities, RIK Hubs serve as centres promoting youth activism. To meet the needs of vulnerable youth communities, RIK Hubs develop and execute 6-month action plans consisting of campaigns and events dedicated to social entrepreneurship, green innovation, youth activism and environmental topics.

In 2022 RIK HUBs implemented up to twenty campaigns, reaching almost 800 unique beneficiaries in both countries combined (630 in Armenia and 140 in Georgia). The campaigns covered a wide diversity of topics, mainly covering personal development (CV & cover letter writing, article writing and research, communication, Self-motivation, leadership, responsibility, teamwork, problem solving, decisiveness, time management, flexibility, organizational skills, non-standard thinking skills, communication, Self-motivation, leadership, responsibility, teamwork, problem solving, decisiveness, time management, flexibility, organisational

skills, non-standard thinking skills etc.), entrepreneurship skills (sewing, modelling and painting skills, project writing, budgeting, problem analysis, project cycle management, developing social mission, working in business model Canvas, budgeting, developing action plans, creative thinking, Video vlogging skills, working on business initiatives, knowledge of social and green entrepreneurship, budgeting, creative thinking, pitching, and presentation etc.) and protection of environment (awareness raising about nature and importance of its protection, practical skills on how to grow and preserve trees, awareness raising on the management of water resources, efficient use of energy and nature conservation etc.).



	Funding	European Union/EU4Youth
	Project	Social Entrepreneurship Ecosystem Development for Green Growth in Borderline Regions (SEED)

CENN Annual Report 2022 / Contributing to SDGs

SDG Target 4.3:

By 2030, ensure equal access for all women and men to affordable and quality technical, vocational, and tertiary education, including university

#### Argokhi Centre Ready to Welcome Visitors

Argokhi Centre was officially launched in 2022 on Earth Day, April 22. The event was filled with tree planting, wall painting, a poster exhibition and a short address by local eco-activists and women's cooperatives. The event was symbolically held on Earth Day, attended by representatives of government agencies, international organizations, NGOs, and the private sector.

Argokhi Permaculture and Rural Development Centre in Georgia was founded by CENN with the support of the EU and aims to raise youth awareness about environmental topics, and to encourage their active engagement. With the support of the Centre, CENN aims to empower local youth and provide services and co-working space which is not usually available for rural youth in remote villages. The Centre is in Akhmeta municipality in the village of Argokhi in a remote area from the centre.

The Centre offers a complete service for organizing training, workshops, working meetings, strategy planning meetings, seasonal schools, Eco-talks and other events. The space also serves as a hub for local youth who want to work on new projects, learn, and innovate. It offers accommodation for up to 10 people, local farm-to-table cuisine, and a selection of resources necessary for work meetings.

The Centre is based on permaculture principles and promotes smart, green living in co-existence with our nature. Permaculture integrates land, resources, people, and the environment through mutually beneficial synergies - imitating the no waste, closed loop systems seen in diverse natural systems. Permaculture studies apply holistic solutions that are applicable in rural and urban contexts at any scale. It is a multidisciplinary toolbox including agriculture, water harvesting and hydrology, energy, natural building, forestry, waste management, animal systems, aquaculture, appropriate technology, economics, and community development.



Funding	European Union/EU4Youth
Project	Social Entrepreneurship Ecosystem Development for Green Growth in Borderline Regions (SEED)

**Funding** 

Project

European Union

Climate Change Policy Design and Implementation

#### Non-Formal Education of Sustainability through Green Camps

CENN annually implements Green Camps for rural youth, providing participants with a variety of learning opportunities including trainings, lectures as well as practical workshops, field trips and research activities. The Green Camps cover a diversity of topics including sustainable development, rural development, environmental protection, climate action, entrepreneurship and innovations, human rights, science and technology, waste management, circular economy, WASH, active citizenship, etc. The Green Camps provide youth with invaluable skills such as team building, presentation, participation, public speaking, critical thinking, and constructive feedback. The participants are also taught about the rules of behaviour in the wild nature and are given a chance to apply this knowledge in practice while going on a field trip. In 2022, CENN conducted a total of 6 camps in Georgia and Armenia, benefitting 150 participants, including transboundary youth camps and thematic camps for women and youth. As a result of Climate Change Thematic Camp for Women and Youth, participants implemented their own initiatives aimed at demonstration of the benefits of renewable energy, as well as raising awareness about sustainable use of water resources, climate-smart agriculture practices, and sustainable waste management.

Social Entrepreneurship Ecosystem Development for Green Growth in Borderline Regions

(SEED); Georgia Climate Action Project (GEO-CAP): Promoting Civil Society Engagement in

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### **Knowledge Materials**



Heating Resources Market Research in Kakheti



Discover Entrepreneurs from Tsalka Municipality



Guidelines for Sustainable Management of Non-Timber Forest Products



Assessment of the Existent Situation and the Potential Impact of Climate Change at Bakhmaro Resort

#### Toolkits for startups - developed by CENN & Vienna Impact Hub



Fundraising & Networks



Storytelling & branding



**Community building** 



Non-profit vs. Social enterprise



Impact measurement



Sustainable Development

### **Annex: Projects implemented in 2022**

Donor	Project Title	
Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)	Promoting Sustainable Forest Management for Climate Resilient Rural Development in Georgia (SFMRD)	
Austrian Development Agency (ADA), with funds from the Austrian Development Cooperation (ADC)	Restoring Ecosystems to Reduce Drought Risk and Increase Resilience (role of CENN: national partner)	
BE.Innovative, implemented by Rare as part of the PREVENT Waste Alliance initiative funded by the German Government through GIZ	Reducing Single-use Plastic Consumption in Offices of Tbilisi, Georgia	
EU Horizon 2020 Research and Innovation Programme	Innovating Climate Services through Integrating Scientific and Local Knowledge (I-CISK)	
European Union (EU)	Empowering CSOs to Promote Inclusive and Green Post-COVID Recovery in Multi-ethnic Kvemo Kartli Region	
European Union (EU)	Georgia Climate Action Project (GEO-CAP): Promoting Civil Society Engagement in Climate Change Policy Design and Implementation	
European Union/ENPARD	Local LEADERs Embrace Sustainable Development in Multi-Ethnic Tsalka Municipality – EMBRACE Tsalka	
European Union/EU4Youth	Social Entrepreneurship Ecosystem Development for Green Growth in Borderline Regions (SEED)	
Food and Agriculture Organization of the United Nations (FAO) and Global Environment Facility (GEF)	Achieving Land Degradation Neutrality Targets of Georgia through Restoration and Sustainable Management of Degraded Pasturelands (role of CENN: implementing partner)	
German Society for International Cooperation (GIZ), Recover Better Support Fund	Continued Nationalization of SDGs via Promoting Localization and Multi-Stakeholder Engagement in Georgia	
HEKS-EPER (Swiss Church Aid)	PRAISE Marneuli: Promoting Climate Resilient Agriculture for Sustainable Livelihoods in Multi-ethnic Marneuli Municipality	
United Nations Development Programme (UNDP)	Development of cost-effective and sustainable timber management to increase the National Forestry Agency resources and finance forest conservation	



CENN Annual Report 2022 Contributing to 17 SDGs



