



Issue No. 14 | October 2022

Nexus Regional Dialogues Programme Newsletter



Water-Energy-Food Security Nexus

A service by the Nexus Regional Dialogues Programme

Dear reader,

Welcome back to another issue of the Nexus newsletter!

Mainstreaming the Water-Energy-Food Nexus approach is no small feat, it challenges existing structures, policies and procedures at global, regional and national levels. Trainings, policy dialogues and awareness raising are just some of the key activities the Nexus team has been busy with these past two months.

This edition proudly highlights the successful closing of the Lake Kivu and Ruzizi River Project. Ongoing since January 2019, the EU and BMZ funded project aimed to support the river basin organization ABAKIR to improve the hydrological and operational management of Lake Kivu and the Ruzizi/Rusizi River.

Moreover, the Nexus Regional Dialogues (NRD) team took part in the Global Climate Fund (GCF) workshop "Water, Energy, Food, Ecosystems (WEFE) Nexus bankability: Integrity readiness to improve cross-sector performance and attract investment". In addition to this, the Global Nexus Secretariat talked to the leaders of tomorrow, offering input at a university excursion, highlighting the necessity of WEF Nexus thinking. In-keeping with academia, the NRD aims to support the integration of the Nexus approach in educational curricula. Furthermore, all five regions continue to raise awareness of the Nexus through policy dialogues and workshops and participation in high-level events such as the upcoming COP27 to be held in Sharm El-Sheikh, Egypt in November 2022. Concurrently, the Frexus project will be attending the Paris Peace Forum, with a focus on cooperation through conflicts.

As per our last edition, we have continued our Nexus Interview Series, this time you will get to know Eleonora Hoffmann, Hannah Mosleh and Jakob Seidler, and read about their perspectives on WEF challenges and opportunities.

These are only some of the highlights of the last few months, so have a closer look at our feature to learn more!

Happy reading!

Your Nexus Team

1. GLOBAL NEWS

2. NEWS FROM THE PROJECTS

- » NRD - Central Asia
- » NRD - Latin America and the Caribbean
- » NRD - MENA | Middle East and North Africa
- » NRD - Niger Basin
- » NRD - Southern Africa
- » Support to the Integrated Management of Water Resources of Lake Kivu and the Ruzizi River
- » The Frexus Project

3. NEXUS FACTS, TOOLS AND PUBLICATIONS

4. UPCOMING EVENTS AND APPLICATIONS

Global News

Towards WEFE Nexus bankability - Integrity readiness to improve cross-sector performance and attract investment

A Green Climate Fund Workshop

A virtual workshop was held on the 28th of September and conducted within the framework of the initiative "Identifying Integrity Risks and Developing Integrity Guidelines on the WEFE Nexus". The workshop aimed to introduce and facilitate a discussion around integrity requirements for successful fund mobilization and identify integrity enablers and barriers within WEFE Nexus Dialogues and WEFE Nexus projects. The WEFE Nexus highlights the interlinkages across the water, energy, agricultural and environmental sectors, and within that the importance of integrated solutions to effectively address climate change issues.



[Read our review on the workshop here.](#)

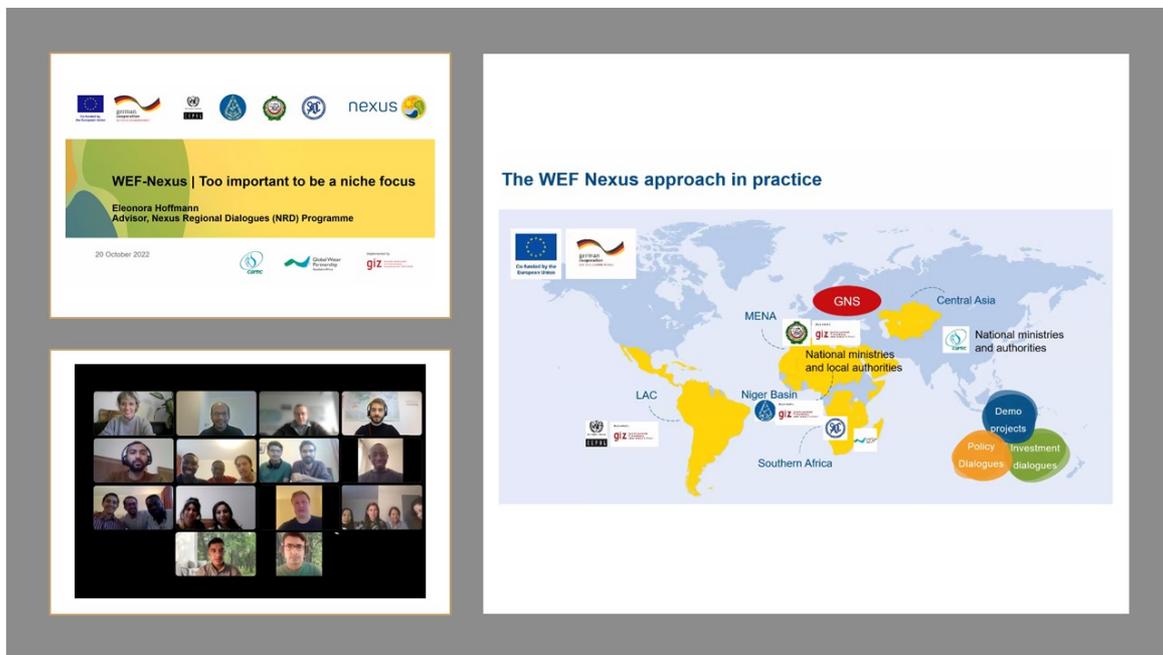
[Read Review](#)



Presenting the WEF Nexus and the Nexus Regional Dialogues Programme to the leaders of tomorrow

A virtual student excursion at the University Flensburg

The Nexus Regional Dialogues Programme has been invited to a virtual dialogue event with students of the Department of Energy and Environmental Management in Developing Countries at the Europa-Universität Flensburg in October 2022. This event offered the opportunity to present the Water-Energy-Food (WEF) Nexus approach and highlight how the programme uses the approach in their activities.



Eleonora Hoffmann (part of the Global Nexus Secretariat) represented the Nexus Regional Dialogues Programme at the virtual excursion. [Read more here.](#)

[Read Review](#)



Individual perspectives of the WEF Nexus

Interviews from Eleonora Hoffmann, Hannah Mosleh and Jakob Seidler

The interview series aims to provide a better picture of the people within the Nexus team and their perspectives on Water-Energy-Food Nexus challenges and opportunities. In this episode, we hear from

- Eleonora Hoffmann, coordinating the Human Capacity Development activities in her position as Advisor at the Global Nexus Secretariat
- Hannah Mosleh, Advisor on the Nexus between Water, Rural Development and Food Security
- Jakob Seidler, Advisor to the Global Nexus Secretariat

NEXUS INTERVIEW Series



A WEF Nexus perspective from Eleonora Hoffmann, Hannah Mosleh and Jakob Seidler.

[Read Full Interview](#)



News from the Projects

The Nexus team is composed of three key projects:

- 1) **The Nexus Regional Dialogues Programme: Building on the results of Phase I, the NRD Phase II** aims to institutionalise the WEF Nexus approach in national and regional governance structures and investment decisions and to engage the public and private investors for WEF Nexus projects. The Programme is implemented in Central Asia, Latin America and the Caribbean, Middle East and Northern Africa, the Niger Basin and Southern Africa in cooperation with regional partner organisations.
- 2) **Support to the Integrated Management of Water Resources of Lake Kivu and the Ruzizi River Project:** The aim of the project is to support the river basin organization ABAKIR (Autorité du Bassin du Lac Kivu et de la Rivière Ruzizi/ Rusizi) to improve the hydrological and operational management of Lake Kivu and the Ruzizi/Rusizi River. ABAKIR is mandated by its three member states: Burundi, the DRC and Rwanda.
- 3) **Frexus: Improving security and climate resilience in a fragile context through the Water-Energy-Food Nexus:** The project operates in Mali, Niger and Chad and aims to support the peaceful resolution of social tensions and conflicts between population groups that are caused or exacerbated by climate change in fragile areas.



The WEF Nexus approach in Central Asia continues to expand

Central Asia sees increased support for WEF application

The Regional Environmental Center for Central Asia (CAREC), the European Union's Project "Nexus Dialogue in Central Asia" and the USAID Regional Water and Vulnerable Environment Activity (USAID WAVE) are expanding cooperation to promote WEF Nexus approach in Central Asia. Over the next three years, the development of a "Community of Practitioners" of representatives of academic and scientific institutions, and the celebration of the "River Days" along the main waterways of Central Asia, the Amu Darya and Syr Darya, will be supported.



Promoting the WEF Nexus approach in Central Asia.

[Read more](#)



The European Union supports the integration of the WEF Nexus approach into educational curricula in Kazakhstan

The Central Asia Nexus Dialogue

Faculty members of the Academy of Public Administration learnt about the interactions between water, energy, food and environment security through the Nexus Simulation Game as part of the series of training sessions organized by the EU funded project "Nexus Dialogue in Central Asia" together with the USAID Regional Water and Vulnerable Environment Activity.



Bringing the WEF Nexus approach to academia.

[Read More](#)



Nexus Regional Dialogue in Latin America and the Caribbean

United to face water, energy and food crises

A WEF Nexus dialogue in Peru

On Tuesday, August 23, the main actors of the water sector in Peru met at the Nexus Dialogue event "Water-Energy-Food", organized by AQUAFONDO, in alliance with the Nexus programme of Latin America and the Caribbean. This meeting aimed to discuss and analyze the importance of the link between water, energy and food security in order to face the country's environmental crises.



Participants of the WEF Nexus dialogue in Peru.

[Read More](#)



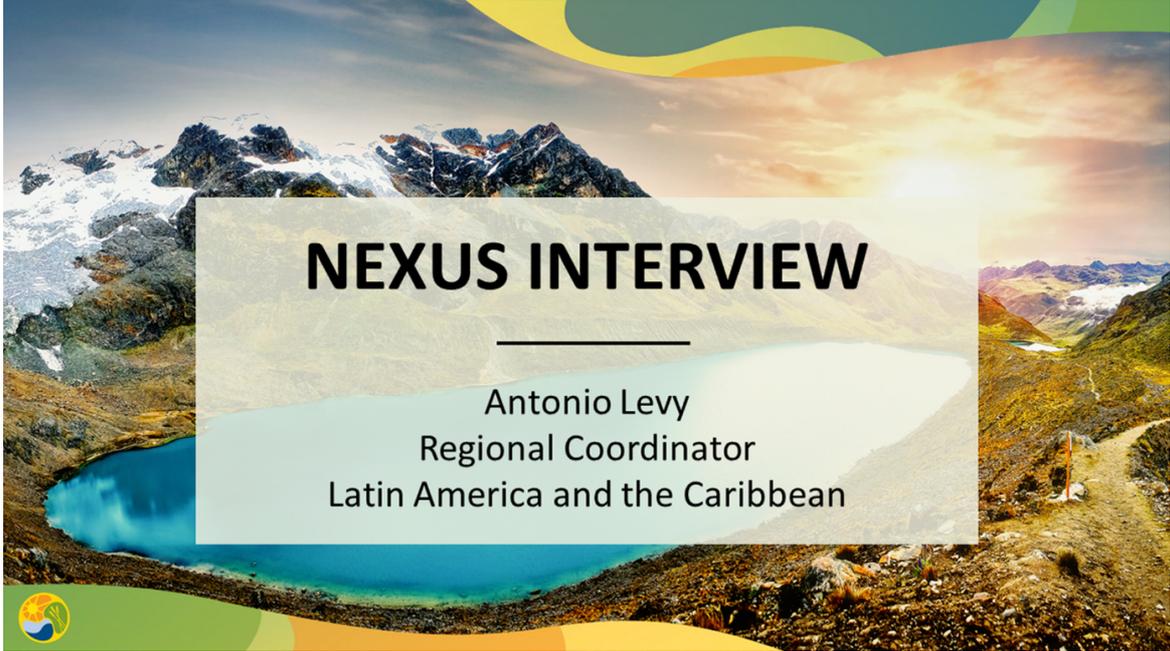
The WEF Nexus perspective of Antonio Levy

Regional Coordinator in Latin America and the Caribbean

In this episode, we invite you to get to know Antonio Levy, Regional Coordinator in Latin America and the Caribbean.

He offers his perspective on the WEF Nexus by answering the following:

1. How has your understanding and your interpretation of the WEF Nexus changed, after working on the implementation of the WEF Nexus over the last two years?
2. In practice, how did you approach the main challenge in LAC: Fostering effective interaction in the WEF sectors?
3. What has proven to be the most promising approach for implementing/mainstreaming the WEF Nexus in the Latin American and Caribbean region?



NEXUS INTERVIEW

Antonio Levy
Regional Coordinator
Latin America and the Caribbean

Learn more about the WEF Nexus from Antonio Levy.

[Read More](#)



Nexus Regional Dialogue in MENA

Upscaling the WEF Nexus for a Climate Resilient Future

Environment and Development Forum Technical Session

On September 13, 2022 the Nexus Dialogue in the MENA region and the League of Arab States and were proud to host a panel discussion involving high-level representatives from the agricultural, energy and water sector in the region. The following points were discussed:

- The challenges faced by farmers in arid and remote areas.
- Factors needed to upscale successful nexus models, how can we help small and medium farmers invest in replicating successful models.
- The transboundary aspect of the WEF Nexus approach.
- Key messages from League of Arab State regarding the WEF nexus towards the coming COP27.



Environment and Development Forum Technical Session.

[Read More](#)



Water-Energy-Food Nexus Farming Design Thinking Workshop Dandara, Egypt

Demonstration Projects in Egypt

In the view of supporting farmers and entrepreneurs, an interactive workshop gathering 29 farmers, financial institutions representatives, agricultural directorates has been carried out in the Dandara Development Center in Dandara, Egypt on September 15th, 2022. This workshop is part of a bigger 8-month initiative to raise awareness of integrated WEF Nexus solutions at farm level and at the same time engage in dialogue with policy makers and the financing sector for more framework conditions that will enable the wider uptake of these technologies in small and medium sized farms.



[Read Review](#)



Nexus Regional Dialogue in the Niger Basin

The Niger Basin Nexus Acceleration Programme

Meeting the participants

In June 2022, the Institut International d'Ingénierie de l'Eau et de l'Environnement (2iE) on behalf of the Nexus Regional Dialogues (NRD) Programme in the Niger Basin led a Water-Energy-Food Security Nexus Bootcamp at the 2iE campus in Ouagadougou, Burkina Faso. The objective of the bootcamp was to provide training and individual coaching for the participants to further develop their business and link them with potential investors. Out of the 160 applicants, 12 entrepreneurial projects from the (NBA) member states were selected to take part in the week-long bootcamp. The top 5 finalists are now entering the 9-month acceleration programme.



A 9-month WEF Nexus acceleration programme.

[Read More](#)



An evaluation of the WEF Nexus approach in the Niger Basin

Via a WEF Nexus demonstration project

A women's group in a village some kilometers from Niamey, has been identified for the implementation of a demonstrative water-energy and food security Nexus project in the commune of Tillabéri. The Nexus approach was adopted as a tool for water-related conflict management and peace restoration. Doing so has enabled year-round production of agricultural produce through rational use of borehole water, use of green energy for the pumping system and distribution of this water.

The full report is available [here](#) in French only.



A women's collective located close to Niamey, Niger.

[Read the report in French](#)



Nexus Regional Dialogue in Southern Africa

Stepping up action against water, energy, and food challenges In the Southern African Development Community (SADC)

Among the achievements of SADC nations which have caught the attention of the wider world are rapid economic growth, a vigorously expanding population, and advanced technological development, set alongside the unique and appealing nature and culture of our region. The SADC Secretariat is leading a multi-sector and stakeholder driven process in adopting the WEF Nexus approach in Southern Africa.



The WEF Nexus Dialogue in Gaborone, Botswana.

[Read More](#)



Eswatini Government Applauds Integrated Planning in Water, Energy and Food Sectors

Towards economic recovery after Covid-19 Pandemic

The Eswatini WEF Nexus dialogue took place on 25th August 2022 and was attended by a range of stakeholders including Principal Secretaries in the three sectors, Members of Parliament, Development Partners and representatives from the private sector. The Southern African Development Community Secretariat (SADC) organized the dialogue as part of a series of national dialogues taking place in all Southern African member states. The Government of Eswatini has applauded the use of an integrated approach to planning and implementation of projects in the water, energy and food sectors, stating that this would help accelerate the pace at which meaningful development would be achieved.



A WEF Nexus dialogue held in Eswatini.

[Read More](#)



Support to the Integrated Management of Water Resources of Lake Kivu and the Ruzizi River Project

The closing of the project: "Support to the integrated management of water resources of lake Kivu and the Ruzizi River basin"

A selection of key reports

We are pleased to report that on October 31, 2022 the project, „Support to the integrated management of water resources of lake Kivu and the Ruzizi River basin” concluded implementation.

The aim of the project was to support the river basin organization ABAKIR (Autorité du Bassin du Lac Kivu et de la Rivière Ruzizi/Rusizi) to improve the hydrological and operational management of Lake Kivu and the Ruzizi/Rusizi River.



We invite you to explore some of our report outputs, which are available here.

Baseline Study for the basin of Lake Kivu and the Rusizi/Ruzizi River

REPORT



December 2020



One of many reports available.

[Read Reports](#)



Ensuring transboundary water resources management

The signing of a Memorandum of Understanding

The Lake Kivu and Rusizi/Ruzizi River Basin Authority (ABAKIR) and the Lake Tanganyika Authority (ALT /LTA) have signed a Memorandum of Understanding to strengthen the collaboration, partnership and the sharing of information between the two institutions. The signing ceremony was held on the sidelines of the closing ceremony for the “Support to the Integrated Management of Water Resources of Lake Kivu and the Ruzizi River” Project.



Signing ceremony held in September 2022 in Rubavu, Rwanda.

[Read More](#)



The Frexus Project: Improving security and climate resilience in a fragile context through the Water-Energy-Food Nexus

Official signing ceremony of the local convention on the Nexus action plans

In the Farrey and Karel Koissi pastoral areas of Niger

Dosso hosted an official signing ceremony of local convention on Nexus action plans for the positive transformation of conflicts and the strengthening of social cohesion around these pastoral areas from 13 to 14 September 2022. These Nexus action plans are the result of a dialogues process conducted for over a year by the **FREXUS** project and the **ZFD**. These dialogues were conducted using an innovative methodological approach that consists of developing and testing tools to prevent conflicts related to natural resource management through a participatory and inclusive process.



Official signing of the local conventions.

[Read More](#)



Improving security and climate resilience with participatory processes

A Stockholm World Water Week Session

This year's *Stockholm World Water Week* was centred around the topic of "Seeing the Unseen: The Value of Water". The *Frexus* session explored how local communities in sub-Saharan Africa may improve their climate resilience and security situation through participatory processes by taking the discussion further on water, energy and food insecurity and its implications for stability and peace. With examples from the ground, the convenors reflected upon a process that builds on advanced analysis tools to enable a participatory creation and implementation of action plans.

Wednesday 24 August • 18:30 • Online Session

Improving security and climate resilience with participatory processes

Learn more about how local communities in sub-Saharan Africa can improve their climate resilience and security situation through the water-energy-food security Nexus.



The Frexus Project at Stockholm World Water Week.

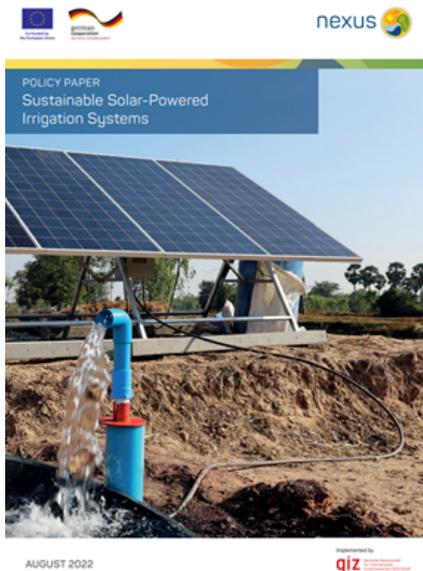
[Read Full Review](#)



Nexus Facts, News and Publications

Sustainable Solar-Powered Irrigation Systems

A Policy Paper



Solar-powered irrigation systems (SPIS) have earned a reputation for contributing to multiple Sustainable Development Goals (SDGs) as a single technology. Irrigation improves agricultural productivity and therefore income, food security and nutrition. However, SPIS must be implemented sustainably to reap all of its potential benefits. By considering the interdependencies between achieving water, energy and food security for human well-being, it can benefit from the synergies between these often-competing sectors.

Sustainable SPIS Policy Paper.

[Download Policy Paper](#)



Upcoming Events and Applications

The Frexus Project at the Paris Peace Forum

"Local participation for security and resilience"

The FREXUS project will be holding a session on "Local Participation for Security & Resilience" at the Paris Peace Forum 2022 as one of the selected projects presenting Solutions For Peace.

COOPERATING THROUGH CONFLICTS

Local Participation for Security & Resilience

SHOWCASED PROJECT 2022
PARIS PEACE FORUM
11-12 November 2022

📍 Africa

👤 Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

🔍 The project supports the peaceful resolution of social tensions and conflicts between population groups that are caused or exacerbated by climate change in fragile areas.

The Frexus Project at the Paris Peace Forum.

[Read about the event](#)



The 27th Conference of the Parties to the UNFCCC

A climate change conference in Sharm El-Sheikh, Egypt

Between 6 and 18 November 2022, Heads of State, ministers and negotiators, as well as climate activists, civil society and economy representatives will meet in Sharm el-Sheikh, Egypt for the largest annual gathering on climate action.

Follow our Social Media channels for live updates on the input from the Nexus Team at COP27: [Twitter](#) [Facebook](#).



© Kiara Worth, use of photo permitted by Creative Commons license CC BY-NC-SA 2.0

Learn More about COP27



How to improve governance and accountability

A Webinar on the Water-Energy-Food-Ecosystem Nexus



The Bonn Water Network and the Water Integrity Network (WIN) are hosting a webinar to discuss best practises and remaining challenges in WEFE-Nexus governance. This webinar is meant for WEFE Nexus stakeholders to share knowledge and learn from WEFE Nexus research and ongoing and evolving governance and integrity mechanisms and frameworks.



A WEFE Nexus Webinar.

Register for webinar



Dear reader,

That's it, you are all caught up on Nexus news. Thank you for taking the time to read through this newsletter! Stay tuned for the next issue, **N°15 to be published in the new year in January 2023.**

Be sure to follow our social media channels ([twitter](#), [facebook](#), [youtube](#)) for real time updates from

the projects!

Your Nexus Team



Contact

Disclaimer

Recommend this newsletter

www.giz.de



Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Registered offices
Bonn and Eschborn, Germany

Friedrich-Ebert-Allee 32 + 36
53113 Bonn, Germany
T +49 228 44 60-0
F +49 228 44 60-17 66

Dag-Hammarskjöld-Weg 1 - 5
65760 Eschborn, Germany
T +49 61 96 79-0
F +49 61 96 79-11 15

E info@giz.de
I www.giz.de

Registered at

Local court (Amtsgericht) Bonn, Germany: HRB 18384
Local court (Amtsgericht) Frankfurt am Main, Germany: HRB 12394

VAT no. DE 113891176
Tax no. 040 250 56973

Chairperson of the Supervisory Board

Jochen Flasbarth, State Secretary

Management Board

Thorsten Schäfer-Gümbel (Chair)
Ingrid-Gabriela Hoven

In charge of this newsletter:

Cecilia Vey

Editor(s):

Cecilia Vey

With contributions from:

Eleonora Hoffmann and Marie Otte

Photo Credits:

Title graphic:
© GIZ (palm tree)
© GIZ (field of vegetables)
© GIZ (solar panel)

The Nexus Resource Platform is a global Nexus information hub operated by the Global Nexus Secretariat as part of the Nexus Regional Dialogues Programme. The Secretariat provides support to the Regional Nexus Dialogues and ensures knowledge exchange and global analysis on the topic across the participating regions and beyond.

If you no longer wish to receive this newsletter, please click [here](#).