

## FACTS AND FIGURES

- 1728 member institutions from 144 countries
- including 1501 universities and research institutions
- organized into 50 National and Regional Networks

SDSN Kazakhstan has 22 members

- 18 universities
- 1 research institutes
- 2 NGO
- 1 institute affiliated with international organizations

The UN SDSN was set up in 2012 under the auspices of the UN Secretary-General to promote SDGs through education, research, policy analysis, and global cooperation. The UN SDSN works closely with United Nations agencies, multilateral financing institutions, the private sector, and civil society.

On 8th June 2022, under the umbrella of the global SDSN, the SDSN Kazakhstan was inaugurated as a national chapter.



**HELP us ADVANCE the SDGs  
in KAZAKHSTAN!**



For more information follow the links

[www.sdsnkazakhstan.org](http://www.sdsnkazakhstan.org)  
[www.unsdsn.org/kazakhstan](http://www.unsdsn.org/kazakhstan)  
[www.gspp.nu.edu.kz/en/about-sdsn](http://www.gspp.nu.edu.kz/en/about-sdsn)  
[www.unsdsn.org](http://www.unsdsn.org)

Follow UN SDSN social media



UNSDSN



UNSDSN

# HELP us ADVANCE RESEARCH and EDUCATION on SDGs in KAZAKHSTAN by joining SDSN!

## MEMBERSHIP IN THE NETWORK IS FREE AND WILL GIVE THE INSTITUTION ACCESS TO:

- Global promotion of members in the SDSN
- Get involved in global initiatives, as well as the implementation of local and thematic projects under the SDSN
- Pursue joint fundraising
- Leverage SDSN expertise for teaching, research and local/national sustainable development projects
- Directly link into the United Nations processes and annual events
- Benefit from privileged access to online educational materials and courses through the SDG Academy
- Share research and analyses with other members of the global network
- Contribute to SDSN publications
- Work with SDSN Youth

## SDSN KAZAKHSTAN TEAM



**Shigeo Katsu**  
Chair of SDSN  
Kazakhstan  
President of  
Nazarbayev University



**Stefanos Xenarios**  
Co-Chair of SDSN  
Kazakhstan  
Associate Professor  
of GSPP NU



**Damira Kazhenova**  
Research  
Administration  
Specialist of GSPP  
NU



**Serik Orazgaliyev**  
Associate Professor  
of GSPP NU

## RESEARCH AND EDUCATION ON SDGS IN KAZAKHSTAN

The focus of is to:

- promote practical solutions for the development of long-term sustainable pathways in Kazakhstan
- support high-quality education and research collaboration on SDGs in Kazakhstan
- suggest applied research and policy initiatives for better addressing the challenges of sustainable development in Kazakhstan





## ENERGY AND CLIMATE (SDG 7, 13)

The need for a clean energy solution to confront climate change has gained attention during the last few years in Kazakhstan. Significant efforts are being made for sustainable energy development in alignment with the SDGs. The energy sector and related industries have incorporated environmental, social, and governance indicators in their sustainability reports. International accredited rating agencies have also evaluated them on their climate action and sustainability performance. There are still significant challenges to be met in improving alternative energy sources in Kazakhstan. Through SDSN Kazakhstan, we aim to conduct various research activities on the country's clean energy and climate change. The activities need the involvement of universities, oil and gas, mining, power companies, and state agencies to assess the current and future clean energy development strategies in Kazakhstan and their significance for attaining SDG goals nationwide. Besides, 'green' energy sources such as renewable/alternative resources and decarbonization practices are also crucial under this thematic priority.

### OUR PARTNERS AND SPONSORS



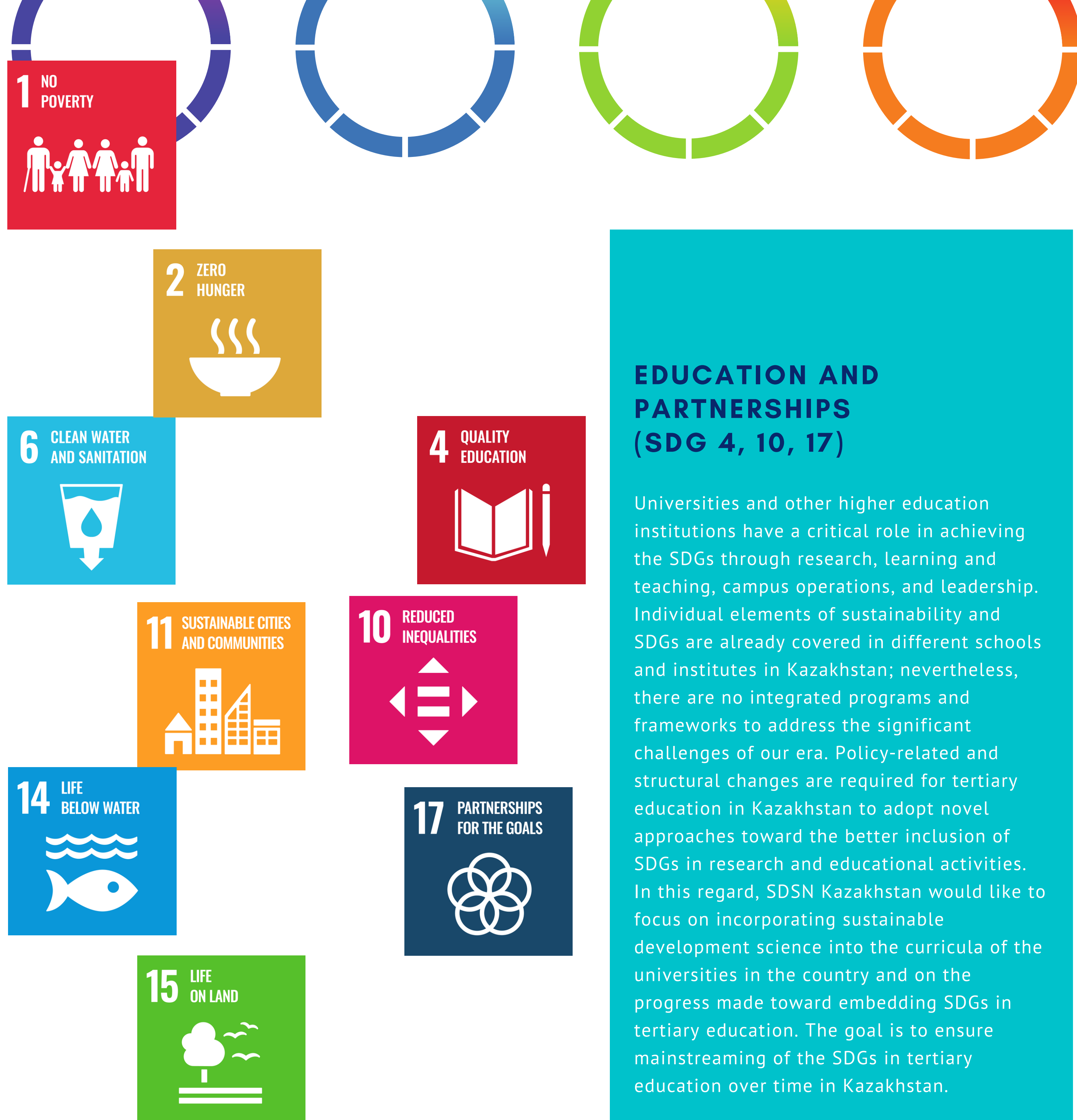
UNIVERSITY  
OF CENTRAL ASIA



RESEARCH AND  
POLICY  
PRIORITIES

## LAND, WATER, COMMUNITIES (SDG 1, 2, 6, 11, 14, 15)

Kazakhstan has increased its focus on the development of the agricultural sector, improvement of land use and water resources management aspects. However, there are also significant challenges due to unequal water distribution, land use changes, aged agricultural machinery, shortage of skilled labor, and limited financial credit. Also, the growing domestic demand in the food industry and the poor land use management approaches have driven Kazakhstan to become a net importer of agricultural products. There are also challenges to water quality and scarcity, especially for transboundary rivers. Every year, Kazakhstan experiences a water shortage and, according to forecasts, by 2040 the country may have water deficiencies reaching 50% of the actual needs. These pressures request technically effective solutions, institutional reforms, and better governance schemes. In this regard, we will explore the drivers and pressures on Kazakhstan's water and land use systems in cooperation with existing collaborations among national institutes and international organizations. We also aim to introduce regional research initiatives in partnership with the Sustainable Blue Growth Initiative taken by SDSN Europe and SDSN Black Sea and reinforce research on water security in the Caspian region.



## EDUCATION AND PARTNERSHIPS (SDG 4, 10, 17)

Universities and other higher education institutions have a critical role in achieving the SDGs through research, learning and teaching, campus operations, and leadership. Individual elements of sustainability and SDGs are already covered in different schools and institutes in Kazakhstan; nevertheless, there are no integrated programs and frameworks to address the significant challenges of our era. Policy-related and structural changes are required for tertiary education in Kazakhstan to adopt novel approaches toward the better inclusion of SDGs in research and educational activities. In this regard, SDSN Kazakhstan would like to focus on incorporating sustainable development science into the curricula of the universities in the country and on the progress made toward embedding SDGs in tertiary education. The goal is to ensure mainstreaming of the SDGs in tertiary education over time in Kazakhstan.