



# Prospects of cooperation in the Black Sea Region in the context of the Belt and Road Initiative: Science, Education and Business

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# *The Context*



*The Forth  
industrial  
Revolution &  
Digital Economy*

*Sustainable  
development  
goals*

*Science-  
Business  
Cooperation*

*Innovation &  
Emerging technologies*

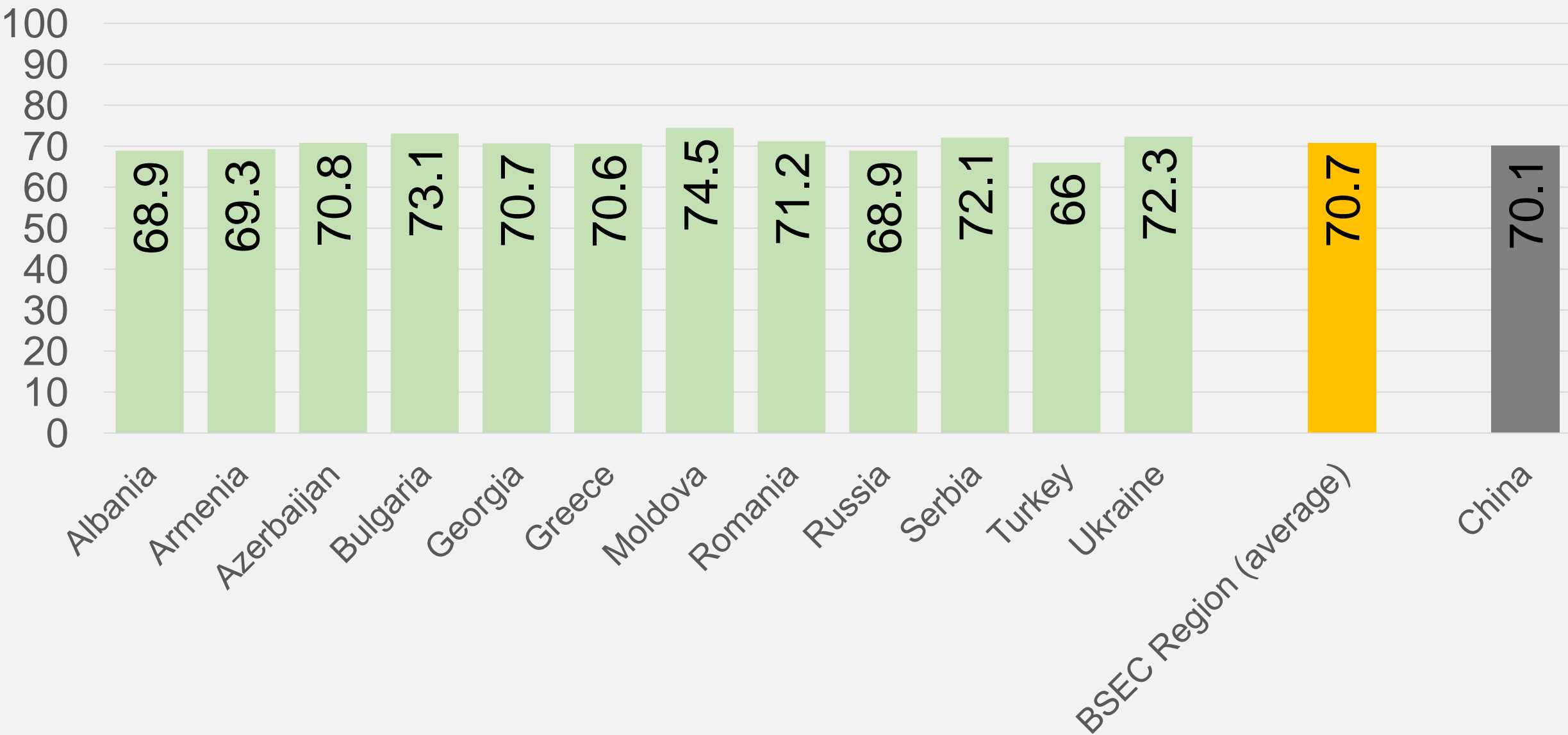
*Green  
Economy*

# Science, Technology, Innovation & Socio-Economic Development



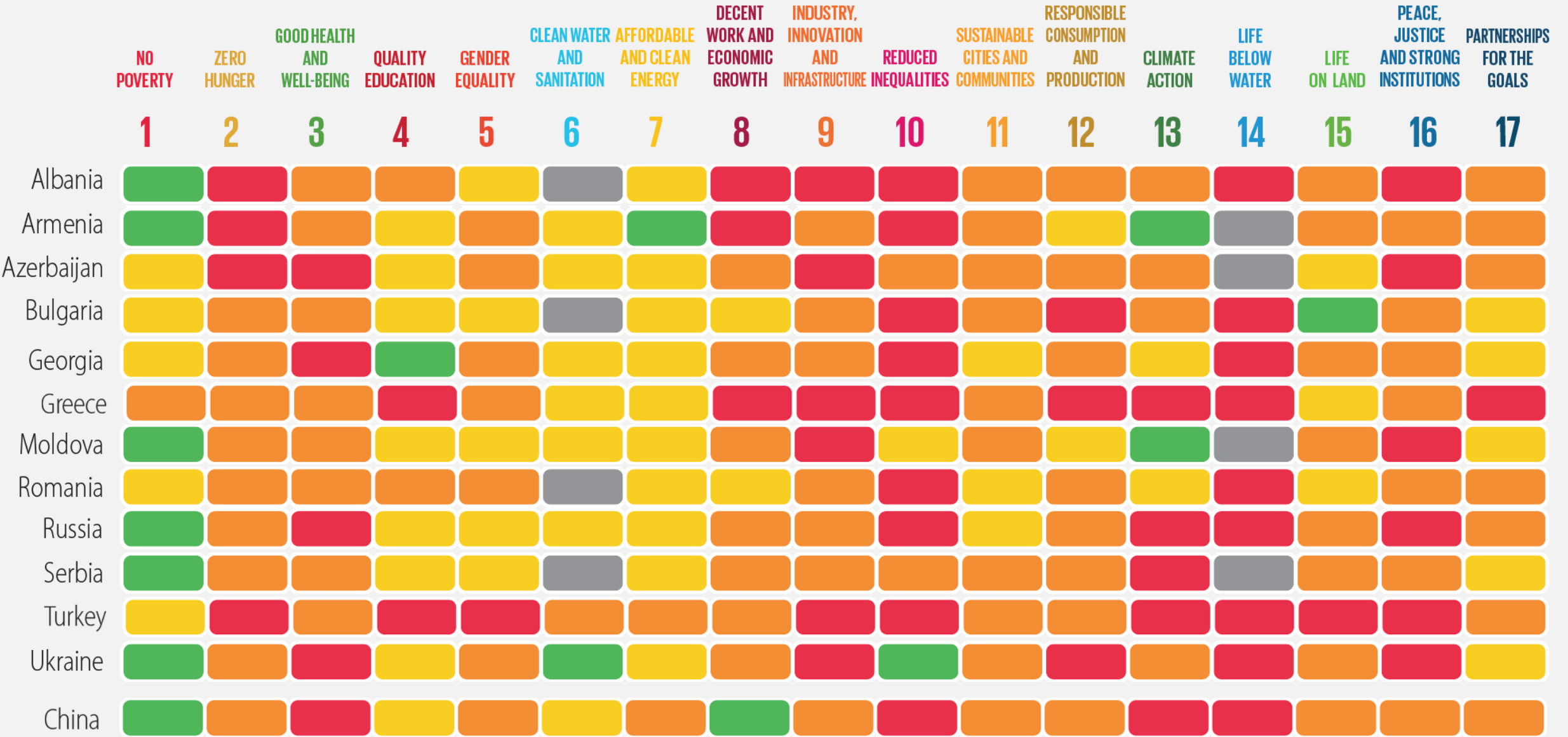
*Science, Technology, Innovation and Education are key elements of future socio-economic development*

# Achieving sustainable development goals by 2030 | Black Sea Region & China



Source: The SDG Index, 2018

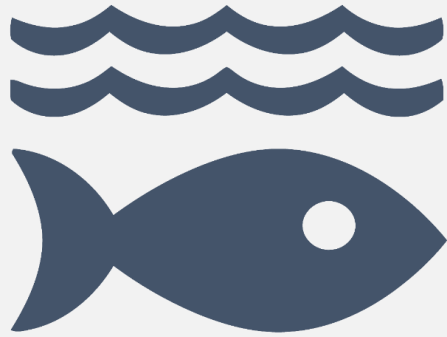
# Achieving sustainable development goals by 2030 | Black Sea Region & China



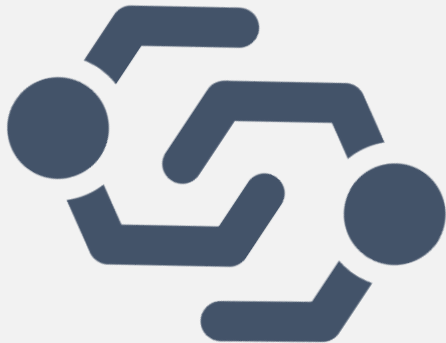
Source: The SDG Index, 2018



*Decade of Ocean Science for  
Sustainable Development (2021-2030).*



*14th Sustainable Development Goal:  
Conserve and sustainably use the oceans,  
seas and marine resources.*



*Unites people and consolidates their potential  
in academic and scientific research, including  
alternative energy, green technologies, blue  
economy, etc.*



# Mega-science

*Colliders, accelerators,  
thermonuclear reactors,  
etc.*



*International collaboration  
— common victory for science*



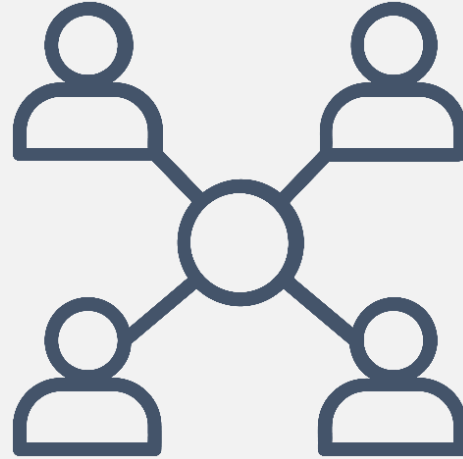
*Science for the benefit of  
the world and  
prosperity of people*



# Black Sea Region and Beyond



*Exchanging information  
and best practices;  
Implementing joint  
projects and programmes*



*Developing Networks,  
Technology parks,  
Industrial clusters, Digital  
platforms, etc.*



*Harnessing potential of  
the Universities*

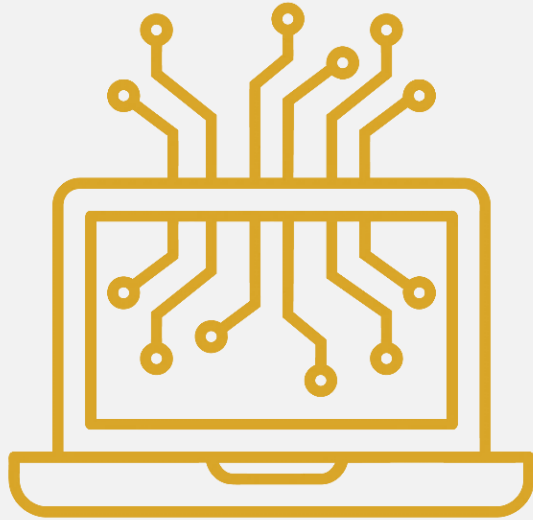
# Black Sea Region | Universities



*Harnessing potential  
of the Universities*

- *facilities and infrastructures of the BSEC Member States and countries involved in the Belt-Road Initiative;*
- *joint university-industry-government initiatives;*
- *public-private partnerships and the development of research innovation clusters;*
- *science-to-business marketing (S2B) and university-business cooperation (UBC);*
- *academic mobility of researchers and scientists, etc.*

# Black Sea Region | Digital Economy & Digital Silk Road



*Digital projects and initiatives*

- *development of digital infrastructure, cyber and internet security;*
- *development of quantum computing, nanotechnology, artificial intelligence, big data and cloud storage, etc.*

*“Digital Silk Road — a community of common destiny in cyberspace”,  
Chen Zhaoxiong, Vice Minister of Industry and Information Technology of China*

## Black Sea Region & China | Cooperation

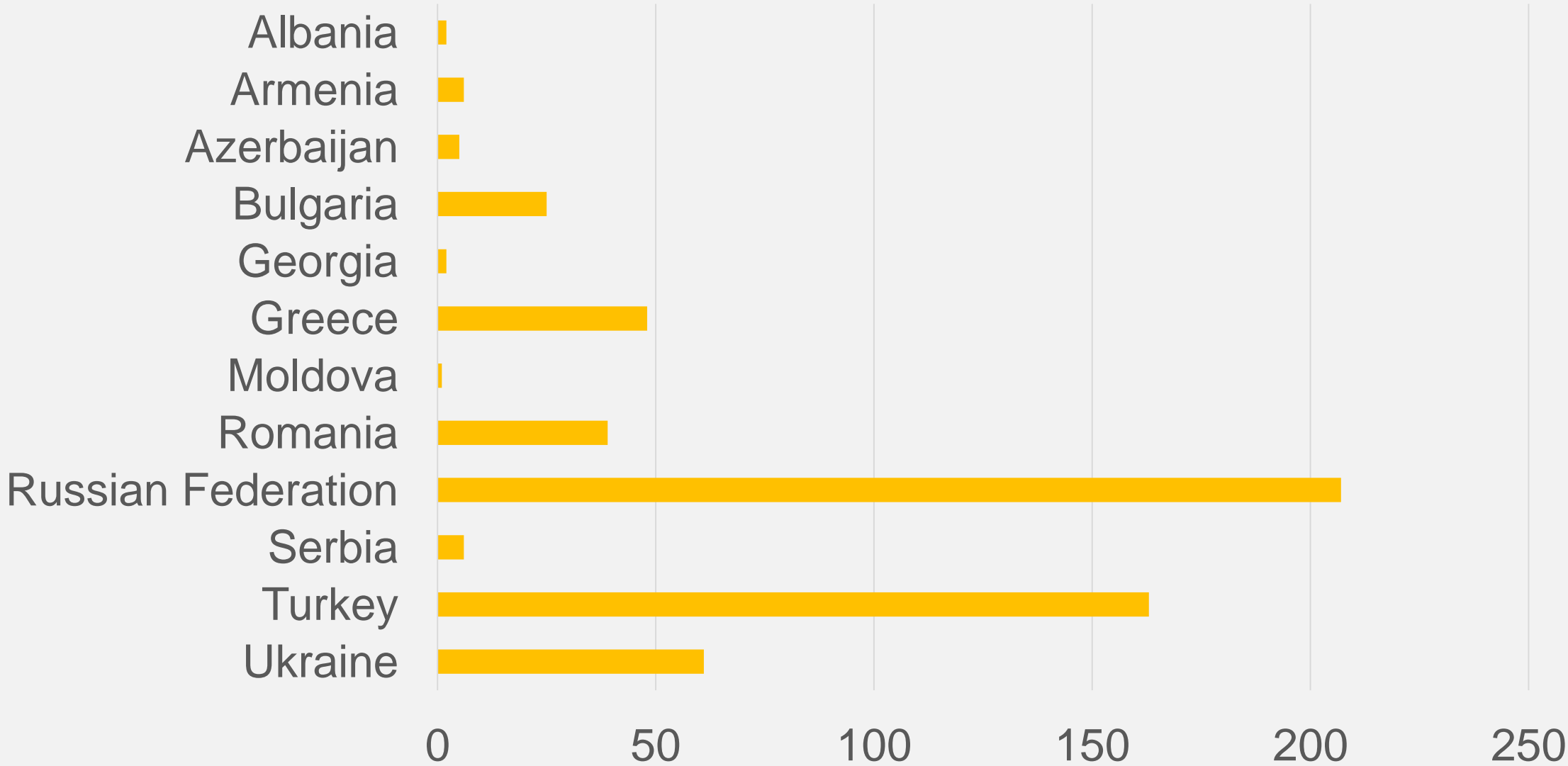
**565** *scientific and educational institutions from  
12 BSEC Member States collaborating with China.*

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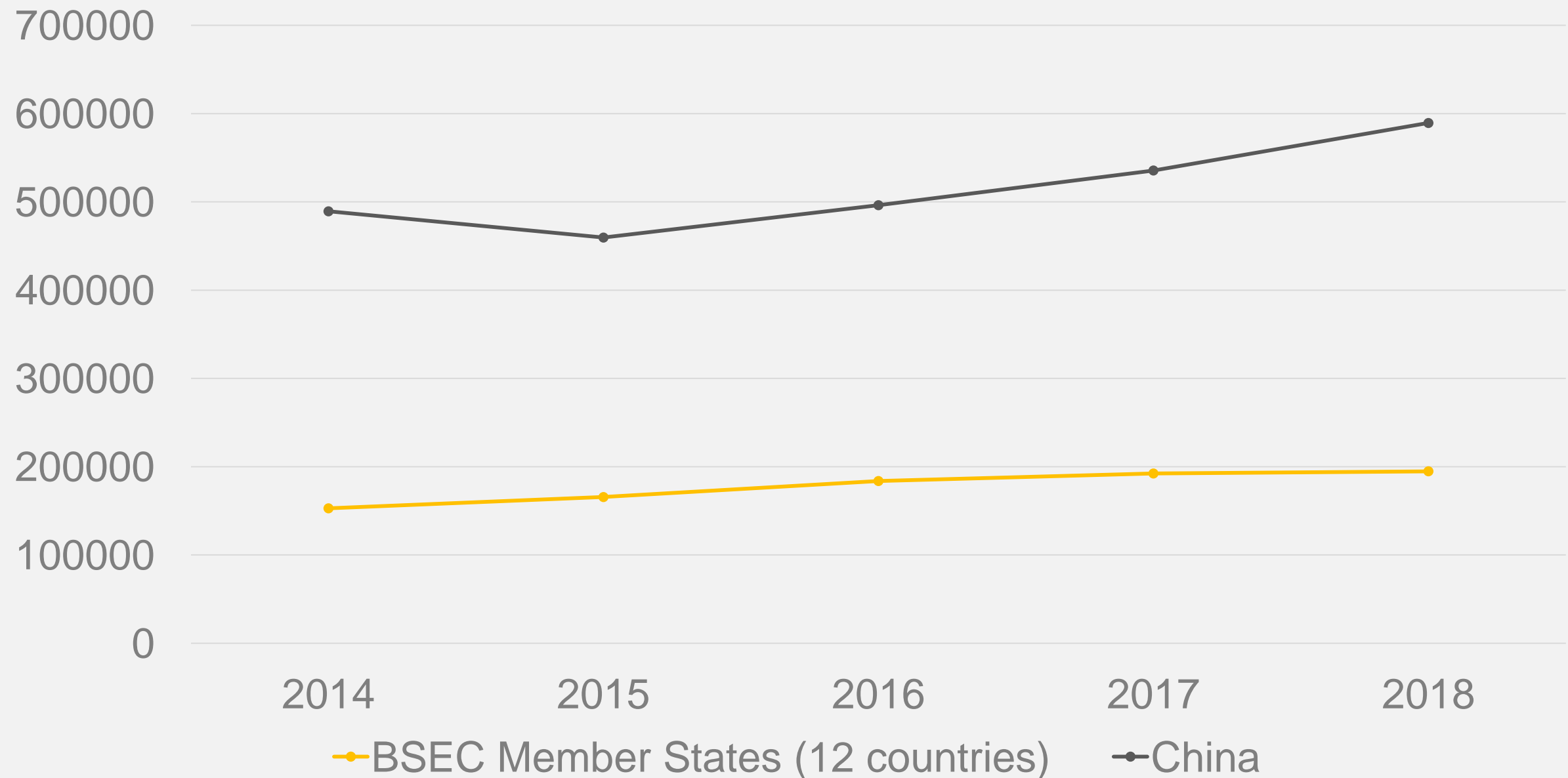
**30 754** *co-authored publications in international  
databases (for the past 5 years).*

# BSEC Member-States & China | Cooperation

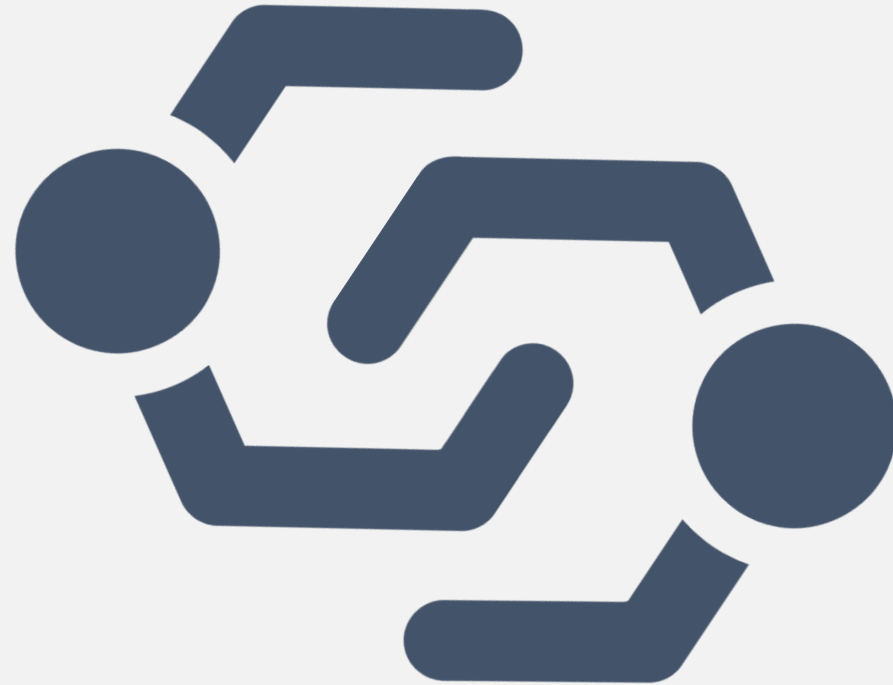
*Number of collaborating institutions in BSEC Member States with China*



# Publication activity for the past 5 years | BSEC Member States & China



# *Science Diplomacy*



*Joint efforts and resources —  
Timely response to global challenges*

# Thank you for your attention!

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