

## Round Table "GLOBAL ACADEMY": Engineering Education and Human Resources Sovereignty

### EVENT CONCEPT

The world is entering an era of **technological transformation**, where access to resources (not only natural but also intellectual) determines the contours of a new multipolar world.

Russia and Africa possess unique complementary potential: the African continent is a treasure trove of mineral resources and has a young population, while Russia has a fundamental engineering school and experience in developing some of the world's most challenging territories.

However, "human resources sovereignty" is impossible today without educational integration.

The goal of the roundtable is to move from declarations of friendship to the creation of a **shared Russian–African engineering space**. We must address the main challenge: how to educate the engineer of the future — one capable of working at the intersection of cultures, legal systems, and technological paradigms — while ensuring sustainable development (SDG 4) for both sides.

**Focus:** Harmonization of educational programs Russia-Africa. *Implementation of SDG 4 (Quality Education).*

*Priority areas:*

- Pilot project in engineering education.
- Educational sovereignty without borders.
- Engineer profile 2030.
- Prospects for joint educational programs and projects.
- Summer schools: educational tourism or startup incubator for joint projects?
- The Consortium of Universities "Nedra" - leader in the development of engineering education.
- Student diplomacy: a soft power tool or a real mechanism to influence education?
- Youth policy for international students.

### What we will discuss:

During the roundtable, participants will formulate concrete steps for harmonizing engineering education between Russia and the countries of the African continent. We will analyze case studies of launching pilot educational projects, discuss the problem of diploma incompatibility, and explore ways to create a universal Engineer profile 2030".

A separate session will be dedicated to soft power tools: how student diplomacy, summer schools, and joint startups can help shape a new technical elite—one capable of managing the resources of the future in the interests of sustainable development (SDG 4).

### Key talking points for the discussion:

- Engineering education is becoming the main asset in the competition for Africa's resources.
- Human resources sovereignty is impossible without training elites for friendly nations.

- A summer school is a startup accelerator for international student teams.
- The Consortium of Universities "Nedra": from uniting universities to uniting competencies across the continent.