The Center for Sustainable Development, Creativity, and Innovation (CSDCI) will become a unique platform combining education, entrepreneurship, and sustainable development, with a focus on business and entrepreneurship.

Mission: The Center will promote the development of a sustainable society through innovation, creativity, and the integration of SDG (Sustainable Development Goals) principles into educational, scientific, and entrepreneurial activities.

Key Focus Areas:

◦ **Innovative Education:** Programs for university and school students aimed at developing creative and critical thinking skills, project management, and sustainable entrepreneurship.
◦ **Creative Industries:** Support for startups and initiatives in design, technology, media, arts, and culture, tailored to regional needs.
◦ **Sustainable Development:** Research and projects focused on reducing environmental impact, resource management, and the development of green energy and circular economy practices.

Training and Development Programs:

- **"Creative Engineering":** Courses for students in technical fields that integrate creativity and innovation into engineering tasks.
- **"Platon 5D" Program:** An interactive educational platform designed to develop ESG competencies and project-based skills.
- **Masterclasses and Acceleration Programs:** Support for youth startups and socially significant projects.

Functional Units of the Center:

- **Educational Unit:** Courses and training in creative industries, sustainable development, and social entrepreneurship.
- **Innovation Lab Unit:** A space for developing and testing ecological and technological solutions.
- **Creative Space:** Art residencies, media labs, and design studios for youth and creative professionals.
- **Business Incubator:** Support and mentorship for startups with a focus on sustainable and social projects.

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APPENDIX №1

Event Calendar

January
Masterclasses (concurrent):

1. "Environmental Code with Latest Amendments"
   ◦Key provisions, state environmental regulation, and waste management.
   ◦Date: January 10
2. "ESG in Construction: Sustainability, Ecology, Success"
   Implementation of ESG strategies in construction, green design.
   Date: January 17
3. "DIGITAL TECH: New Technologies, Creative Industries, and Art NFT"
   The role of technology and NFTs in the creative economy.
   Date: January 24
4. "Territory Branding and Creative Tourism"
   Attracting tourists through unique cultural products.
   Date: January 31

February

1. **Launch of the Project Management Office (PMO)**

   Objective: To create a platform for managing initiatives in sustainable development, creative industries, and innovative projects.

Functions:
▪ Support for project initiatives
▪ Monitoring and controlling project implementation
▪ Project management consulting
◦ Launch Date: February 5

The Project Office will be launched with the support of the Senate of the Republic of Kazakhstan, international organizations such as the UN, UNDP, UNESCO, UNICEF, as well as partners from the corporate university. The accelerator within the Project Office, conducted in Akmola Region in 2024, demonstrated effective results of collaboration among the government, business, and independent experts, providing concrete solutions for regional challenges.

Seminar: "Sustainable Urbanism and Creative Cities: The Role of Creative Tourism. Approaches to forming tourist attractiveness through sustainable practices.

- Date: February 15

March

- **Urban Research Laboratory (Launch of the First Session):**
  ◦ Collaborative work on urban research tasks.
  ◦ Focus: development of tourist attractiveness and creative clusters.
  ◦ Date: March 12

April

- **Forum: "Creative Industries for the Public Sector"**
  ◦ Integration of creative solutions into public administration.
  ◦ Date: April 22

May

- **Masterclass: "Green Construction: How to Adapt to ESG Challenges"**
  ◦ Best practices in sustainable design and environmental risk management.
  ◦ Date: May 15

June

- **DIGITAL TECH: "The Future of Digital Art and Technologies"**
  ◦ Artificial intelligence, metaverse, and the digitalization of the creative economy.
  ◦ Date: June 20

July

- **Seminar: "Environmental Projects in Kazakhstan: Best Practices"**
  ◦ Presentation of successful cases in sustainable development and investment attraction.
  ◦ Date: July 12

August

- **Masterclass: "Creative Approaches in Urbanism"**
  ◦ Innovative solutions for modernizing the urban environment.
  ◦ Date: August 10

September

- **Urban Research Laboratory (Second Stage):**
  ◦ Working with research results and presenting interim findings.
  ◦ Date: September 5

October

- **Forum: "Territory Branding and Tourism Development"**
  ◦ Creating a strong regional brand through culture and creative industries.
  ◦ Date: October 20

November

- **Seminar: "Creative Clusters as Drivers of the Economy"**
  ◦ Examples of successful creative clusters and their role in the economy.
  ◦ Date: November 10

December

- **Final Conference: "Creative Economy and Sustainable Development in Kazakhstan"**
  ◦ Presentation of the year's results, best projects, and planning for the next year.
  ◦ Date: December 18

All training sessions and masterclasses within the Center or Project Office are conducted in groups on a commercial basis.

Organizational Principles:

1. **Training Format:**
   ◦ Group sessions (10–20 participants)
   ◦ Hybrid format option: offline and online
2. **Target Audience:**
   ◦ Students, young professionals, entrepreneurs, employees of governmental and commercial organizations, as well as anyone seeking to enhance their competencies
3. **Cost:**
   ◦ Determined based on the topic, duration, and complexity level of the program
4. **Service Packages:**
   ◦ **Basic:** Participation in the masterclass with access to educational materials
   ◦ **Advanced:** Includes additional consultations, individual expert support, and a certificate of course completion
5. **Certification:**
   ◦ Participants receive certificates confirming their participation and completion of the program

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SEMINAR PROGRAM

Seminar:"ENVIRONMENTAL CODE WITH THE LATEST AMENDMENTS. KEY PROVISIONS OF THE ENVIRONMENTAL CODE, INCLUDING: STATE ENVIRONMENTAL REGULATION AND CONTROL, WASTE MANAGEMENT, IMPLEMENTATION OF AN AUTOMATED MONITORING SYSTEM (AMS), SUBMISSION OF ENVIRONMENTAL REPORTING, AND INDUSTRIAL ENVIRONMENTAL CONTROL."

Duration: 2 days (10:00 – 17:00)

No.	Topic	Content
1	**Procedure for Developing an Industrial Environmental Control (IEC) Program**	- **Key requirements for preparing the IEC program, IEC reports, and environmental protection action plans (EPAP).** - **Analysis of the structure and content of reports on IEC results and implementation of environmental protection measures.** - **Detailed review of IEC reporting forms and environmental action plans (EPAP).** - **Regulations for monitoring emissions and environmental impact within the IEC framework.** - **Algorithm for conducting instrumental measurements during IEC implementation.** - **Regulatory and technical requirements for instrumental measurements.** - **Sampling and measurement procedures in accordance with GOST ISO/IEC 17025 standards.** - **Rules for documenting test results and procedures for their issuance in compliance with GOST ISO/IEC 17025.** - **Updates to the rules for completing IEC reports on the online portal.** - **Procedures for submitting IEC reports via the new reporting portal.**
2	**Automated Emissions Monitoring System (AMS)**	- **Implementation of an automated emissions monitoring system.** - **Conditions and criteria requiring the installation of AMS.** - **Key requirements for implementing AMS at enterprises.** - **Main parameters and indicators subject to online monitoring within AMS operations.** - **Procedure for integrating AMS with the information system of the authorized state body.** - **Action procedures and conditions in case of AMS shutdown due to technical failures.**

3	**Amendments and Additions to the Environmental Code of the Republic of Kazakhstan**	
4	**Waste Management**	**- Key provisions for waste handling.** **- Classification of waste by type and hazard level.** **- Preparation of hazardous waste passports: structure and document requirements.** **- Types of waste management operations: storage, processing, disposal.** **- Modern approaches to regulating the waste management sector.** **- Established limits for waste accumulation and disposal.** **- Principles of state policy in environmental regulation of waste management.** **- Development of waste management programs.** **- Liability for violations of environmental requirements in waste management.**
5	**State Environmental Control**	**- Key requirements for preparing IEC programs and reports.** **- Structure and content of IEC and environmental protection action plan (EPAP) reports.** **- Regulations for monitoring environmental impact.** **- Algorithm for instrumental measurements in construction.** **- Requirements for conducting instrumental measurements.** **- Procedure for submitting reports via the new portal.**
6	**State Environmental Regulation**	**- Determination of the object category/class.** **- Procedure for preparing documentation on anticipated environmental impacts.** **- Approval procedure by the authorized state body.** **- Organization of public hearings within the framework of Environmental Impact Assessment (EIA) and state environmental expertise.** **- Procedure for obtaining environmental permits.** **- Key conditions for issuing environmental permits, submission of environmental impact declarations, as well as types and rules for preparing permit documentation.** **- List of key requirements for obtaining environmental permits.** **- Required documents for obtaining environmental permits for construction projects.** **- Procedure for submitting applications for environmental permits for the operation of Category I and II facilities, including the list of required documents.**
7	**Business Simulation (Case Study Exercise)**	

Individual consultation is also available within 30 days after the completion of the seminar. The cost is discussed separately.

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SEMINAR PROGRAM

Seminar: ESG IN CONSTRUCTION: SUSTAINABILITY, ECOLOGY, SUCCESS" OR "GREEN CONSTRUCTION: HOW TO ADAPT TO ESG CHALLENGES"

Duration: 2 days (10:00 – 17:00)

Cost: 250,000 KZT (excluding VAT)
The seminar fee includes: stationery, handout materials, lunch, coffee breaks, and a certificate upon completion.

No.	Topic	Content
1	Introduction to ESG: Why It Matters	- Global trends in sustainable development. - The importance of ESG for business: environmental, social responsibility, and governance aspects. - Risks of non-compliance with ESG standards.
2	Environmental Component of ESG	- Environmental Impact Assessment (EIA). - Reduction of carbon footprint. - Green technologies and certification (LEED, BREEAM).
3	Waste Management and Resource Efficiency	- Circular economy in construction. - Disposal and recycling of construction waste. - Implementation of automated waste monitoring systems (AMS).
4	The Role of Decarbonization in the Construction Industry	- Reduction of greenhouse gas (GHG) emissions as a competitive advantage. - Methods for accounting and reducing emissions. - Carbon neutrality: strategies and benefits.
5	Energy Efficiency and Innovation in Construction	- Energy-efficient technologies. - Use of renewable energy sources.
6	Practical Session: Environmental Audit	- Analysis of participants' current projects. - Case study work.
7	Social Responsibility in Construction	- Impact of projects on local communities. - Ensuring a safe working environment. - Consideration of stakeholder interests.
8	Governance Component of ESG	- Transparency and corporate reporting. - Anti-corruption measures. - ESG metrics and KPIs.
9	Climate Financing for Construction Projects	- Sources of green financing. - Global and Kazakhstan-based examples of climate financing. - Opportunities for trading GHG emission reductions.
10	ESG Reporting and Implementation of Standards	- International standards (GRI, SASB, TCFD). - Templates and practical examples. - The role of ESG reporting in Kazakhstan's construction sector.
11	Practical Session: ESG Strategy Development	- Formation of a company's ESG policy. - Individual project work.
12	Final Discussion: ESG Implementation	- Discussion of barriers and opportunities. - Recommendations for successful implementation of ESG principles in Kazakhstan's construction industry.


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