

**Kazakh National Technical University named after  
K.I.Satpaev**

## **Ecology in Almaty**

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# Expertise

- I. Ecological design and standartization**
- II. Applied ecology**



# Services

## **I. ECOLOGICAL DESIGN AND STANDARTISATION**

- Projects on maximum permissible emissions standards (MPE) of contaminants discharged into atmosphere.
- Projects on maximum permissible discharge standards (MPD) of contamination substances into water sources.
- Projects on industrial and consumption wastes formation standards
- Ecological passports for enterprises.
- Development of “Environmental Protection (EP)” and “Environmental Impact Assessment (EIA)” to the projects of construction, reconstruction and enlargement of enterprises.

## II. APPLIED ECOLOGY

- Complex ecological programs.
- Environment protection and response plans.
- Analysis of environment protection activities compliance with legislation.
- Reports according to 2TP-air, 2TP-water management, 3TP-wastes forms.
- Calculation of payments for pollution\contamination.
- Development of documents to obtain permits for special nature use.
- Water supply and sewerage systems design.
- Water supply and sewage treatment facilities design.
- Heat supply, ventilation and air conditioning systems design.
- Water consumption and water discharge balances.

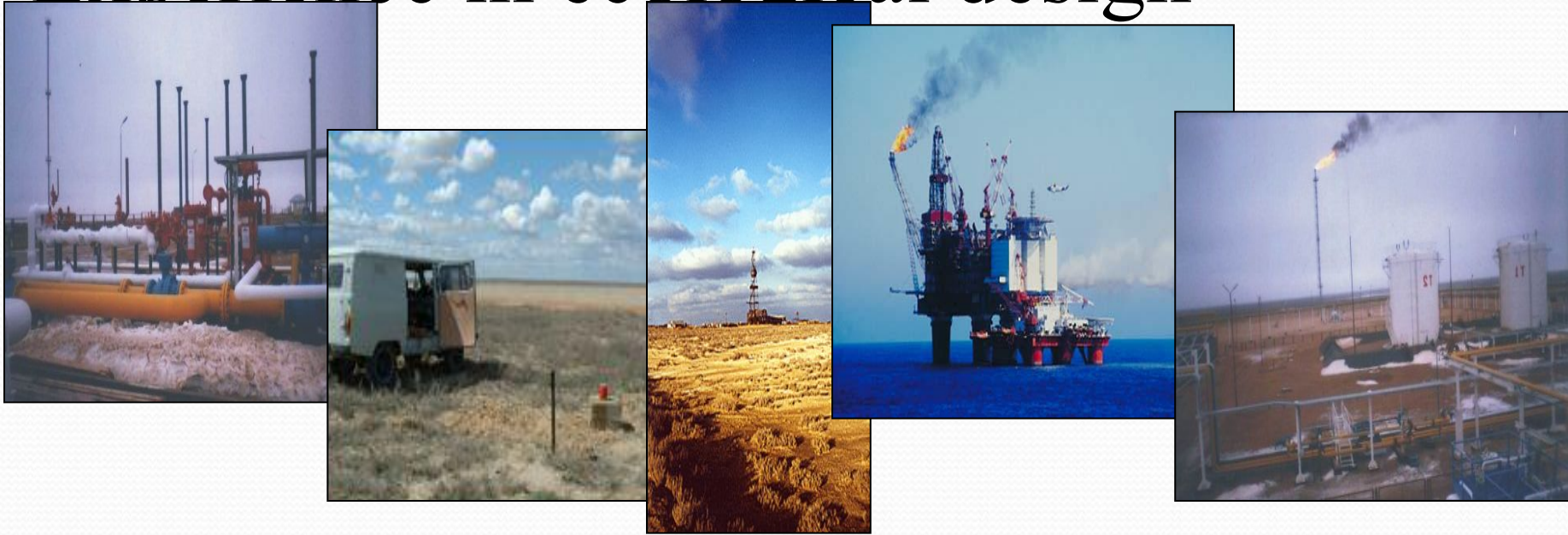
# Experience in ecological design and standartisation

To develop chapters “Environmental protection”, “Environmental Impact Assessment” our specialists perform standardization of contaminant emissions into atmosphere (MPE), contaminant discharges into water (MPD) and production & consumption wastes.

Projects are performed in workmanlike manner by highly qualified professionals, who have extensive experience in the field of ecological design and norms.



# Experience in ecological design



- **CJSC “Intergas Central Asia”- MPE Projects are developed practically for entire Kazakhstan territory –Mangistau, Atyrau, West Kazakhstan, Aktobe, South Kazakhstan, Zhambyl, Almaty regions.**

# Experience in ecological design and standartisation

## MPD PROJECTS

- **LLP “TengizChevroil”**
- **OJSC “Karachaganak Petroleum Operating Company B.V.”**
- **CJSC «Intergas Central Asia” – for Mangistau and Atyrau oblasts**
- **CJSC “KazTran sOil”. West branch**
- **OJSC “Donskoy Mining & Processing Integrated Works”, branch of JSC Transnational Company “Kazkhrom”**
- **OJSC “UzenMunayGas”**
- **State Utilities Enterprise “Vodokanal”, Atyrau**



# Experience in ecological design and standartisation

## PROJECTS ON WASTES STANDARDIZATION



- Chapters “Production & Consumption Wastes” in all developed projects

- CJSC “KazTransOil”.  
West branch.





# Partners

The following laboratories are subcontracted for analysis :

- LLP “Kazecoanalysis”, Almaty
- PC “Ecoproject”, Almaty
- KGKP “Analytical laboratory of environmental protection”, Atyrau
- IPC “Hydromet”, Aksai West Kazakhstan oblast
- Sanitary Epidemiological Surveillance Laboratory, Aktau
- Analytical laboratory of Kazakh Oil & Gas Institute, Almaty



# Project execution

- Projects are executed in compliance with the procedures set forth in our Corporate Standard CS-11
- Project management is performed using the programs Microsoft Project and Prima Vera
- Projects are developed by applying regulatory documents of the Republic of Kazakhstan and International standards
- Customer's special requirements are taken into account in the course of projects development.

Applied project management system and highly qualified professionals employed by our company enable successful and timely completion of project works.



***Thank you for your  
attention!***