



ENVIRONMENTAL CHALLENGES

For Companies & Teaching Personnel

Geneva, November 21 2019

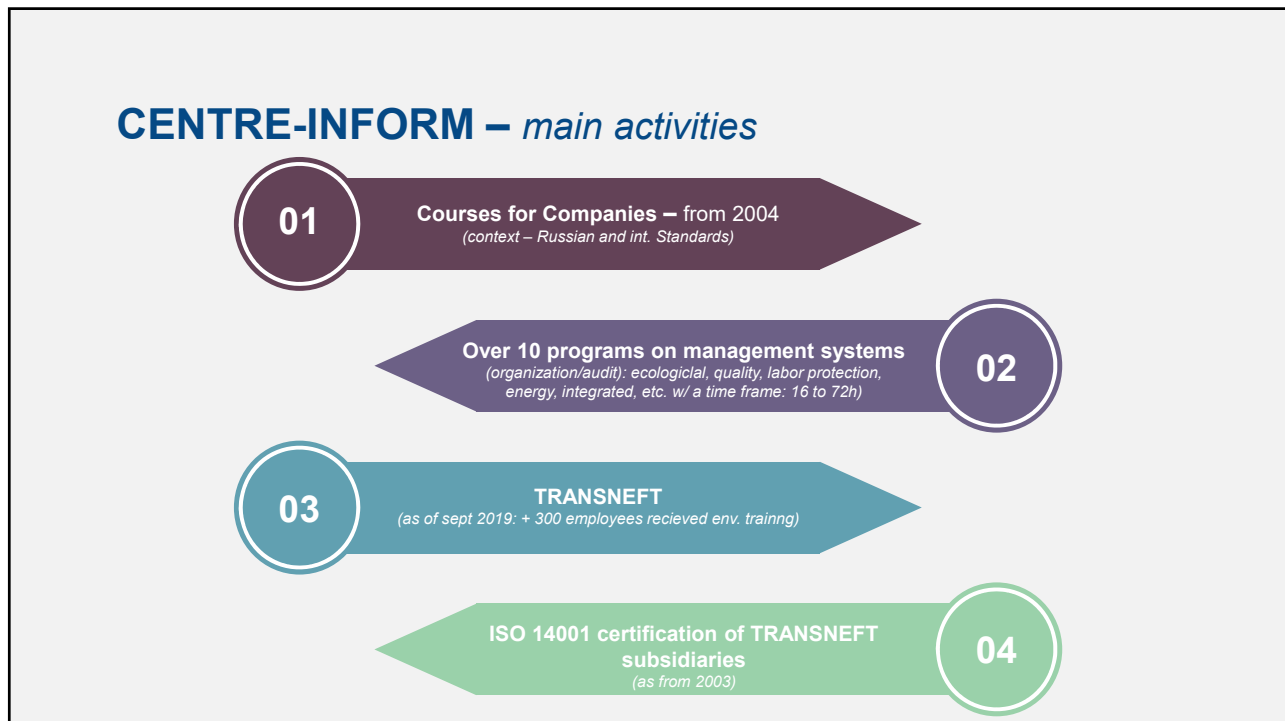
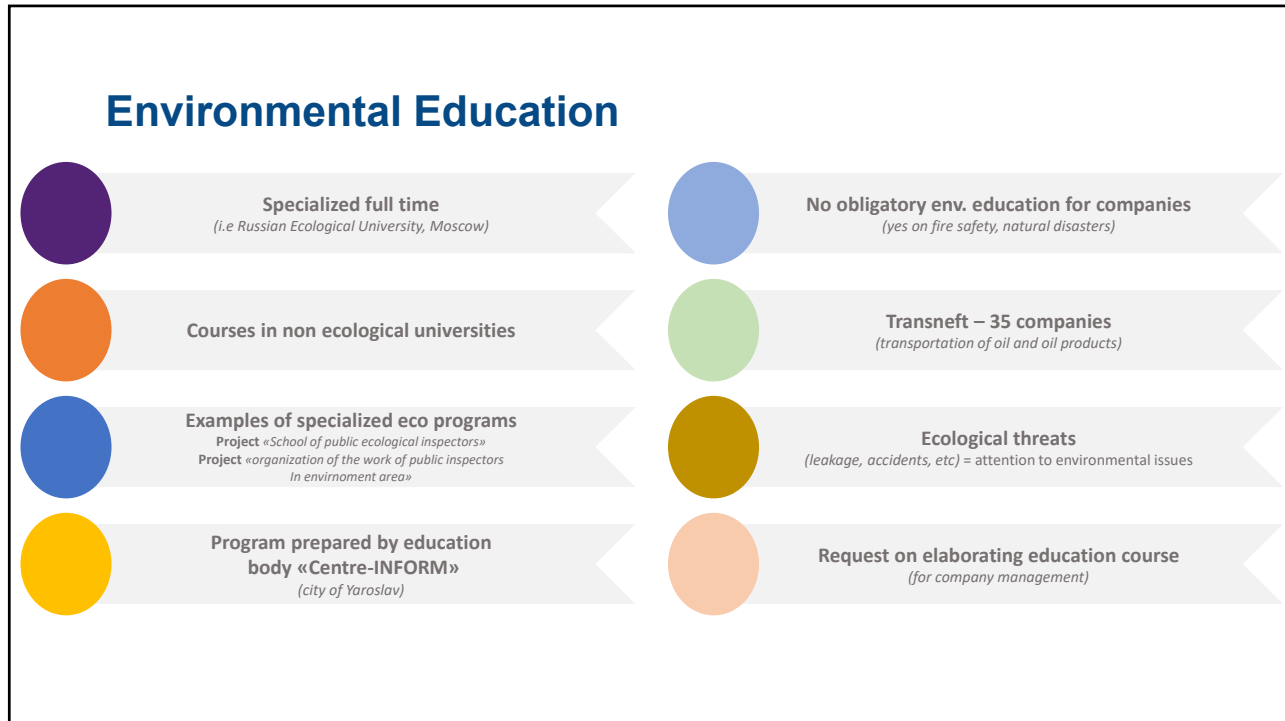
Professor Gennadii Serov*

*Professor, Doctor of Judicial sciences, Candidate of Technical Sciences, Academic, Russian Ecological Academy, International Auditor, Leading Scholar of the Education Body «Centre-INFORM»

Business and Environment



- Existing Russian legislation and technical regulations on environment
- Legal terms «ecological safety of a natural resource» and «...of an enterprise»
- Law on security and safety – foresees various threats (including ecological)
- Natural resources: Protection, Rational use, Reproduction, Liquidation of damage to NRs, etc.
- Eco-understanding and misunderstanding by management/staff



Services & employees invited to the env. course



Programme of the TRANSNEFT course

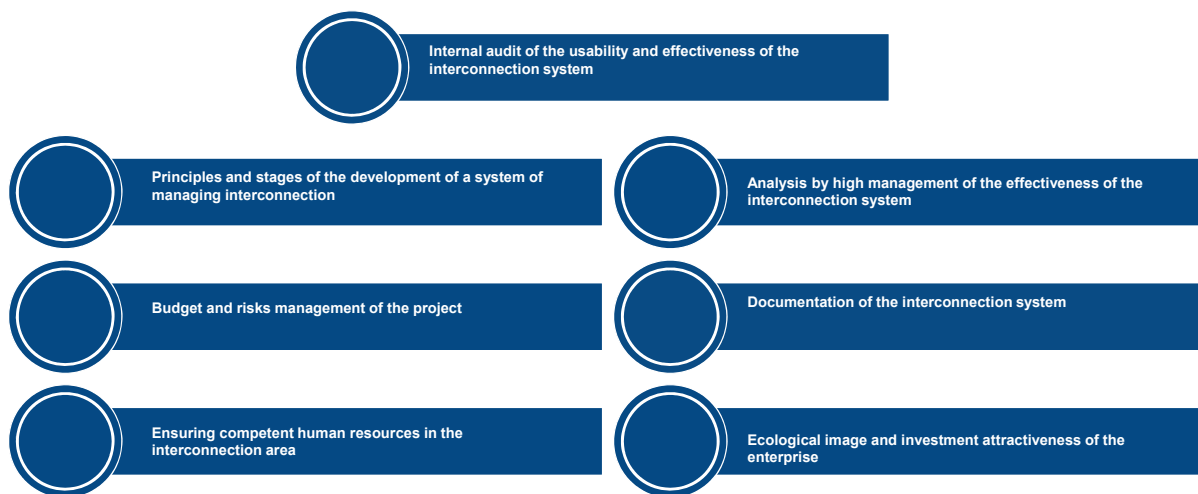
1. Importance of the enterprise – environment (Ent-Env) management
2. Evolution of the sustainable development concept and of Ent-Env relations
3. Part 1. Environment (Env) as operations area of an enterprise (Ent)
4. Importance of the enterprise – environment (Ent-Env) management
5. Industrial, economic and other enterprise activities as a potential source of threats to environment
6. Natural disasters, unfavorable weather conditions, terrorist attacks, etc as a source of potential threats to an enterprise (Ent)
7. Environment protection as an activity securing the conduct of main operations of an Ent.
8. Activities on avoiding (reducing) Ent impact on environment (Env)
9. Ensuring the ecological safety and protection of industrial objects (from weather/climate impact, terrorist threat)
10. Ensuring rational use of natural resources and their reproduction, replenishing
11. Ecology minded economic activities of the enterprise
12. Ecological insurance
13. Eco- audit
14. Technical regulation: general concepts
15. Environmental standardization
16. Environmental certification
17. Environmental management in the context of ISO standards
18. "green services" (labelling, publicity, marketing)

Part II of the course - *summary*



Part III of the course - *summary*

Managing interconnection between an enterprise and environment as a stage of modification of environment management



Part IV of the course - *summary*

Part IV. Importance of additional professional education in the area of managing interconnection between an enterprise and environment

1. General requirements for professional education programmes
2. Context of an enterprise to identify potential clients and specifics of the programme
3. Organization of an additional professional education
4. New competences and skills acquired in the education process
5. Goals and expected results of the education
6. Forms of the verification of the knowledge acquired
7. Learning instruments
8. Client – adapted modules and educational plans
9. Methodology of carrying on practical tasks and individual tasks

Part IV - *continuation*

10. Subject and individual plans for specific categories of the enterprise employees
11. Evaluation of the effectiveness of the additional education
12. Quality management of the education and its effectiveness
13. Creating a system to educate developers and internal auditors in establishing interconnection Ent-Env systems

- **Attachments:** vocabulary of definitions and list of recommended literature

Practical skills for staff

1. Example of a note a company employee can be requested to prepare:
 - a) Analysis of the main legal acts, standards, regulations, instructions which a staff member must know and disrespect of which may cause a legal responsibility
 - b) Suggestions to modify relevant instructions of a unit and of a specific post (to bring them in line with legal documents) on the basis of the knowledge received during education
2. Volume of the note/paper 8-10 pages
3. At the end of the education course the employee receives either a certificate if he met requirements or an attestation that he undertook the certain program

Conclusions

To elaborate in cooperation with UNECE and interested Governments/Universities:

- New standard “Managing interconnection of an enterprise and environment”
- New educational program on “managing interconnection of an enterprise and environment” (to meet requirements of the educational standards and optimal criteria of money spent on education and its contribution to the profitability of a company)

THANK YOU

Professor Gennadii Serov