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### **Public as a effective tool of management in the field of environmental conservation**

Since the second half of XX century the deterioration of nature environment condition is one of major problems of mankind. Considering only aspect of pollution of an environment from all complex of environmental problems, we can see, that in many parts of the world it has already reached a critical level. Actually, soon we can approach to the line, where the natural systems will lose the ability of self-cleaning and self-regulation, - then the level of pollution will be determined only by man, the nature will not help him to manage with arising amount of industrial wastes in a course "of economic race".

The approach of national governments to environmental problems is various. For example, German state actively struggles for improvement of natural environment, mainly, under pressure of nature protection movement. However, the poor countries for the economic reasons, because of shortage of resources and finance, and also for the political reasons are engaged very little in protection of a nature [Kotler, 2001]. In the countries of East Europe, including Russia the policy is formed in many respects with economic interest. Now problems of state management in sphere of protection of an environment and rational nature using in our country are very clear, - they consist, for our opinion, in absence of nature protection policy of the state, directed on preservation of natural riches. The public can become a conductor of ecological ideas from science to the state for formation of ecological policy.

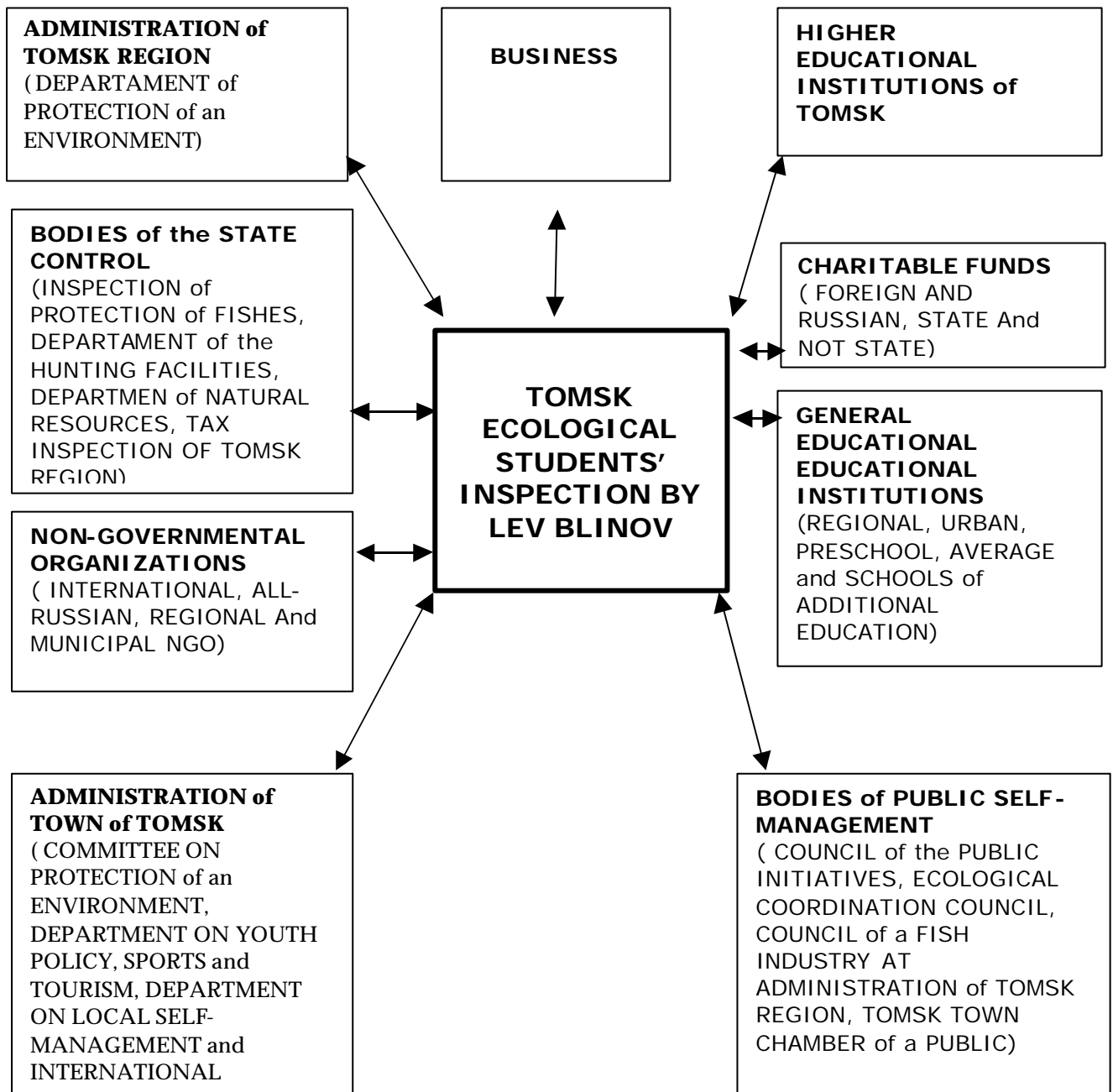
However, considering global problems, we should realize, that they are consist of a complex of national, regional and local problems. Each global problem consist of a plenty of local problems. We should pay a steadfast attention on a public protection of an environment at regional and local levels. We must to combine efforts of a plenty small particles of a community, and such force will change shape of all world.

Regional non-governmental organization "Tomsk Ecological Students' Inspection by Lev Blinov" (TESI) puts already seven year efforts for the solution of environmental problems. The basic mechanism of work TESI – is a formation of an active position on environmental protection questions of the population and organization of joint actions for their solution, and also realization of the public environmental control. The efficiency of such mechanism is provided with the coordinated and interconnected work in several directions:

1. gathering and processing of the primary information on various ecological questions of region (nuclear waste monitoring, bird counting expeditions of region, realization independent social researches etc.). It allows to find out a true situation in sphere of nature using and protection of a nature;
2. formation of public opinion through information campaigns in MASS-MEDIA, releasing and distribution of propaganda materials, and also realization of the ecological actions;
3. participation during acceptance of decisions of great environmental importance by work in various bodies of public self-management, and also by participation in law-making initiative of the authorized bodies (Council of the public initiatives at Administration, urban chamber of a public);
4. the active participation in practical improvement of ecological conditions and preservation of natural resources is carried out by realization of the traditional actions on tree-planting, clearing water-protecting zones, work on the "first environmental aid" to the population;
5. realization of the public environmental control, directed on the revealing and suppression of the violations of nature protection legislation;
6. ecological education of the schoolchildren and children of preschool age, release of the methodical materials, realization of school of the ecological leader;

7. methodical support of the public nature protection initiatives on territory of different regions in Russia (realization of an annual scientific - practical seminar "School of the young environmental inspector").

TESI cooperates with many organizations, the establishments, among which are bodies of state authority and public organizations, business structures and charitable funds for achievement of the general purpose. Such variety in interaction is caused by desire as much as possible to include public and state resources for solution of environmental problems.



Let's stop on tasks, which decides TESI and other NGO in Tomsk area:

- 1. Preparation and edition of printed environmental materials.** The large publishing projects have begun from release of the educational brochures on nuclear subjects by NGO "Public initiative" in 90 years. Today NGO "Rose of winds" regularly publishes the eco-educational materials. As a result of TESI's projects activity at first time are issued such materials: "Internets - resources on protection of an environment" and "Protection of an environment of Tomsk area: the bibliographic directory of works till 2002". The various methodical materials intended to the large circle of the experts are also constantly publish: about creation of public ecological organization, about a work of the public environmental control, about organization of the various actions and measures and so on. The educational information brochures for the population on environmentally dangerous objects, about ways of protection of the health in adverse environmental conditions etc are constantly printed in TESI.
- 2. Optimization of students' education on nature protection speciality.** Students, participating in work of public organizations, raise their professional competence. Future experts have an opportunity to practice management of the ecological projects in NGO. They take part in work and on adjacent problems here, even if they specialize usually on narrow directions of environmental protection. Therefore youth receives practice in all spheres, in which the state nature protection organizations work [Kudryavtsev, Mudarisova, etc., 2001]. For attraction of the new active workers in public nature protection organizations the school of the ecological leader is annually carry out in TESI. The practical task on preparation of the various actions and measures and pedagogical tasks of preparation of the experts for eco-movement are also provided in those schools, and also we are achieving a task of psychological adaptation of the beginners.
- 3. Additional environmental education of the schoolchildren.** There are many NGOs working on the given direction in Tomsk area. The non-governmental eco-tourist center "the House of a nature" annually organizes summer camp in territory of Larinskiy reservation. Educational game program of camp includes interactive ecological lectures, mobile games, competitions, campaigns on ecological tracks, visiting of monuments of a nature. Ecological meetings in the autumn of each year are carry out for the schoolchildren of city, where the best teachers and NGO activists from various schools and organizations create perfect conditions for children acquaintance with the world of a nature in the interactive game form. Besides the public organizations of Tomsk are regularly carry out environmental meetings and holidays in territory of suburban natural parks and on the basis of comprehensive schools. TESI together with faculty of ecology of Tomsk State University organizes annual ecological conferences for schoolchildren of younger and senior classes; the theses of the reports are publishing in the materials. The important meaning have the advices about organization of lessons of ecology, given by the representatives of public organizations to the teachers, and also distributed materials. Since 1996 each spring and the autumn TESI carrying out "Birdwatch days", inviting the schoolchildren and teachers for participation in the educational game program. The large popularity competitions of ecological hand-made articles and figures, realization "of Environmental New year", "of the Earth Day", "Week of Good", seminars for the teachers, organization of eco-tracks [Kudryavtsev, Varfolomeeva, etc., 2002; Kudryavtsev, Shinkin, Levasheva, 2002].
- 4. Realization of the All-Russia nature protection trainings.** Now environmental movement needs for its work high qualification participants. Therefore since 1999 TESI annually carries out summer All-Russia schools of the young environmental inspector (SHMEI) for the representatives of Russian NGO. The previous schools were in Tomsk area (1999), at Baikal (2000), at Teletskiy lake (2001), at Khakasia (2002). In the educational program are the theoretical and practical occupations on the following directions: organization of the public ecological control, operative - road work, interaction with state nature protection organizations and MASS-MEDIA, preservation of a biovariety etc. [Varfolomeeva, Kudryavtsev etc., 2002]. In result of Shmei some new public ecological associations and initiative groups had appeared in Russia, and idea of realization of such schools have adopted now in other organizations in Siberia and on Far East.
- 5. Informing the population about environmental protection.** The reasons of occurrence and steady existence of many ecological problems of Russia as a whole and Tomsk area, in particular, lay in the field of stagnancy of mentality of the population. Absence of a free choice, the accustoming to life in extreme risk making conditions has created in a local community a phenomenon extremely of high level socially - is

acceptable of risk [Yanitskiy O.N, 2002]. A task of a public - to destroy the above-stated phenomenon by environmental propaganda, large propaganda actions. This task is decided at organization of any measures. TESI as the regional organization constantly carries out a work on activation of a public opinion about various nature protection questions of a local and regional level. The example of such work we can display in scale action of informing the population about construction on the territory of new nuclear termostation AST-500. As a result of the organized measures (protest meetings, dramatized representations, petition of the population, occupation with the schoolchildren, the publishing of the information brochures) were attracted steadfast attention of a wide public and mass media to this question, and some thousand signatures of the citizens against construction of station are assembled. The construction of station AST-500 now, on a recognition of the governor, is considered as the "frozen" project. The public organizations distribute the ecological information by means of environmental education of schoolchildren, organizations meetings concerning the plans of development of environmentally dangerous manufactures, participation in transfers of TV and radio, and also through granting of materials for printed MASS-MEDIAS. The information having the relation to ecological problems of Tomsk area and about conducted nature protection measures is distributed mainly. As a result environmental public opinion is gradually forming, and in consciousness of the local population the environmental problematic becomes more urgent.

6. **Research and preservation of a biodiversity.** The public organizations are carry out the accounts hunting - trade both rare mammals and birds in reservation of Tomsk area together with the scientists Tomsk State University. The received data are given to Management of the hunting facilities of Tomsk area for acceptance of the decisions on organization of security measures. TESI together with faculty of ecology TSU and Union of protection of birds of Russia have allocated 4 key ornithological territories (KOT) in south taiga Chulim: "Average Chulim ", " Lake Chertany ", " Lake Wild " and " Bottom Chulim ". The accounts of mammals in specially protected natural territories are also carry out.
7. **Public environmental control.** Such kind of display of public activity is inherent, probably, only in space former USSR. TESI is one of organizations in Russia in this sphere [Kudryavtsev etc., 1999]. Practicing directions - operative - road work in green zones and natural preservation area, check of the industrial enterprises, prevention of trade in rare kinds of animals. On the given direction TESI cooperates with regional state institution "Regional committee of nature protection", Management of protection of an environment of Administration of Tomsk area, inspection of fish-protection, Management of the hunting facilities of Tomsk area, senior management of natural resources, tax inspection of Tomsk area. Activists from NGO, engaged by the environmental control, have the special certificates of the non-staff inspectors many from set above organizations. As a result of road checks for last five years the level of poaching on a number of sites on river Ob in Kozhevnikovskiy, Shegarskiy and Molchanovskiy areas is essentially reduced, illegal trade in New Year's fur-trees on the markets of city practically has stopped, the obvious trade brought in the Red Data Book of Russia by the siberian sturgeon has stopped, more than 15 kms of illegal nets and 20.000 illegal hooks of autocatchers (illegal fishing equipment) are removed, the damage to a nature for the sum more than 100 million roubles is prevented.
8. **Practical nature protection measures.** Any actions directed on improvement of an environment are concern to here. So, since 1996 TESI annually carries out a tree-planting in the city. During this action young trees are distribute among the inhabitants and schools free-of-charge. As a result thousands young trees have appeared in Tomsk. Besides "the House of a Nature" and TESI are organize cleaning of urban and suburban territories from wastes. There were cleared the coasts of river Ushaika, Mikhailovskaya rosha, Potapovi luzhki and other places with attraction of volunteers from the schoolchildren and adults. Annually in spring and autumn there passes the action of cleaning of small rivers coast by efforts of the public active workers, schoolchildren, students and simply not indifferent people.

The work on these directions, except for performance of the direct task, frequently is the precondition and "catalyst" of a beginning of the process of acceptance of the state administrative decision, though sometimes it is simply realization of this decision. The close cooperation with state bodies on protection of a nature raises efficiency of such work and

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creates really functioning system "state - public" on acceptance and realization of the administrative decisions.

Thus, alongside with increase of efficiency of state tools of regulation of an environmental quality, important meaning have a various activity of a public.

In opinion of the well-known researchers, only green movement can be considered as the independent subject regional ecopolitics [Yanitskiy O.N, 2002]. The public activity covers various social and age layers of the population, thus there is no imposing opinion of any large corporations or governments, there is an initiative on the part of the people to accept active participation in the decision of ecological problems.

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