



Strasbourg, 10 October 2007
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T-PVS/Files (2007) 29

CONVENTION ON THE CONSERVATION OF EUROPEAN WILDLIFE
AND NATURAL HABITATS

Standing Committee

27th meeting
Strasbourg, 26-29 November 2007

Possible New File

**Report on Green Turtle (*Chelonia mydas*) Conservation
Monitoring in Kazanlı (Turkey)**

REPORT BY THE TURKISH GOVERNMENT

*Document prepared by:
The Ministry of Environment and Forestry*

1. THE ACHIEVEMENTS ON KAZANLI BEACH DURING 2005–2006 SEASON

Although Kazanlı Beach is a crucial nesting site for *Chelonia mydas*, it seems that there are still some problems about the beach. On the other hand, Turkey has studied and still studying on rehabilitating the beach. The efforts of Turkey is accelerated year by year.

The Ministry of Environment and Forestry has funded the Project “Kazanlı Beach / Monitoring and Protecting Project” during 2005–2006 season.

Within the mentioned Project;

- 2 seasonal guards were hired during the breeding and nesting season. They already check for the predators (esp. dogs), the human effects and also help new born to go to the sea in a safe way.
- Awareness campaigns, beach cleaning, brochures etc.
- Studies were carried out to define and solve the problems of the beach.
- The Municipality of Kazanlı carried the greenhouses 5 meters away from sea.
- Jetty remainings under the sea accelerates the erosion rate. So, due to efforts of Ministry of Environment and Forestry, the jetty remainings were already destroyed totally.
- The province office of the Ministry of Environment and Forest (MoEF) regularly monitors the outputs of the factory and nothing abnormal was observed up to day.
- The studies on curtaining of lights of the Factory and the Municipality is still continuing.
- Before the nesting season starts, the beach cleaning activities were held with the help of Province office of Education, Province office of Environment and Forest, Kazanlı Municipality, students and local people.

In addition to that, a regional waste de-neutralization facility is planned to be built near the factory. It will be possible to de-neutralize the Cr+6 products within this facility. There is a delay due to EIA procedures, but it is planned to build the facility in the very near future.

2. DETAILED INFORMATION ON KAZANLI BEACH REGARDING THE MEDASSET REPORT

It was noted that some information in the MEDASSET Report was missing about the Kazanlı Beach File.

- Although the jetty in the Kazanlı Beach was demolished in the year 2003, it was noted that the jetty remaining under the sea accelerates the beach erosion. Due to that factor, the remaining were fully eliminated in the year 2006. And after 2005, the provincial office of the Ministry was generated regular field surveys to the area to observe the situation about beach erosion. And there was no evidence that erosion rate is increasing according to the mentioned survey notes.

Also during these field surveys, regular chemical measures were taken from sea, elaborated and some samples were sent to the TUBITAK labs (Turkish Scientific and Technologic Research Council). And it was guaranteed that there are no harmful substances dumping to the sea. In this regards, the results of chemical analyses can be sent to the Secretariat also.

- Also, it was reported that new chemical waste was observed in the old dumping site. On the other hand, according to the Factorys’ guarantee and periodical investigation of provincial experts there was no evidence that new deposits were found in the mentioned area.
- In the scientific framework; the midterm report of the Project “investigating and monitoring of *Chelonia mydas* and *Caretta caretta* population along Kazanlı Beach” was presented to the Ministry. It can be seen that most of the marine turtle population is still nesting on the Kazanlı Beach. There may be some fluctuations from year to year but 330 is a great number for nesting individuals.

	K1	K2	K3	K4	TOTAL
<i>Chelonia mydas</i>	210	41	68	1	320
<i>Caretta caretta</i>	3	5	2	-	10
TOTAL	213	46	70	1	330

Recommendations	Implemented			Remarks
	yes	partly	no	
1. Remove greenhouses in beach section K3	partly			The Municipality of Kazanlı carried the greenhouses 5 meters away from sea.
2. Remove taxi (dolmus) parking area	yes			New parking place
3. Remove plastic debris	yes			Debris is periodically removed from the beach
4. Screen lights	partly			Most of the lights are screened
5. Monitoring of chemical waste discharge	yes			Regularly, monitor in the center of Kazanlı
6. Monitoring of beach erosion	yes			Monitoring is done in the framework of above mentioned Project ("Kazanlı Beach / Monitoring and Protecting Project")
7. Promote public awareness	yes			Government and local NGOs promote
8. Implement environmental plan («cevre düzeni planı»)	yes			Plan adopted in 2004; Protection by the decisions of Municipality Council
9. Remove illegal building in K1	partly			Most removed
10. Remove hazardous waste	no			Project on that issue is under preparation. Some difficulties on funding.
11. Relocate wedding hall	no			Trees were planted between the hall and the sea to decrease the negative effects.
12. Construct sewage treatment plant for Kazanlı	partly			Under construction, and planned to be completed in the end of 2007
13. Look for appropriate solutions for houses built legally on the beach	no			Legal solutions are searched
14. Reduce impact of agrochemicals	partly			Bio-farming is supported in the region