



HUSZPO

HRVATSKA UDRUGA STRUČNJAKA ZAŠTITE PRIRODE I OKOLIŠA

PRVA REGIONALNA KONFERENCIJA O PROCJENI UTJECAJA NA OKOLIŠ
FIRST REGIONAL CONFERENCE ON ENVIRONMENTAL IMPACT ASSESSMENT
Zadar, Croatia • rujan/september 18-21, 2013.

Marina STENEK, Loris ELEZ, Nenad MIKULIĆ

STRATEGIC ENVIRONMENTAL ASSESSMENT OF SPATIAL PLANS
AS AN INSTRUMENT FOR NATURE CONSERVATION
STRATEŠKA PROCJENA UTJECAJA PROSTORNIH PLANOVA NA OKOLIŠ KAO
INSTRUMENT ZAŠTITE PRIRODE

Marina Stenek • ISOR – Sustainable development information systems, Račišće 357, Račišće, Croatia •
(marinastenek@gmail.com)

Loris Elez • Ministry of environment and nature protection, Ulica Republike Austrije 14, Zagreb, Croatia

Nenad Mikulić • Eko Invest d.o.o., Draškovićeva 50, Zagreb, Croatia

STRATEGIC ENVIRONMENTAL ASSESSMENT OF SPATIAL PLANS AS AN INSTRUMENT FOR NATURE CONSERVATION
STRATEŠKA PROCJENA UTJECAJA PROSTORNIH PLANOVA NA OKOLIŠ KAO INSTRUMENT ZAŠTITE PRIRODE

Introduction

Strategic environmental assessment (SEA) is a procedure that deals with environmental issues and considers possible negative environmental impacts, including negative impacts on biological and landscape diversity.

Appropriate assessment of the impact of plans, programs and interventions for the ecological network (NATURA2000)

INTEGRATED PROCEDURE

Contribution of Integrated procedure of Strategic environmental assessment of the physical plan to the nature protection system on concrete example of Physical plan of Primorsko-goranska County

SEA and physical planning

Purpose is to reconcile the development objectives, set by physical plan, to environmental objectives, focusing on the results that can be taken into account when making decisions at a certain level.

Legislation and appropriate procedures that are applied and implemented in the preparation of physical plans were analyzed.

Implementation and integration of the nature protection guidelines and measures into physical plan were investigated, obtained from various state administration bodies and legal entities with public authorities and Environmental report.



SEA and Physical Plan of Primorsko-Goranska County

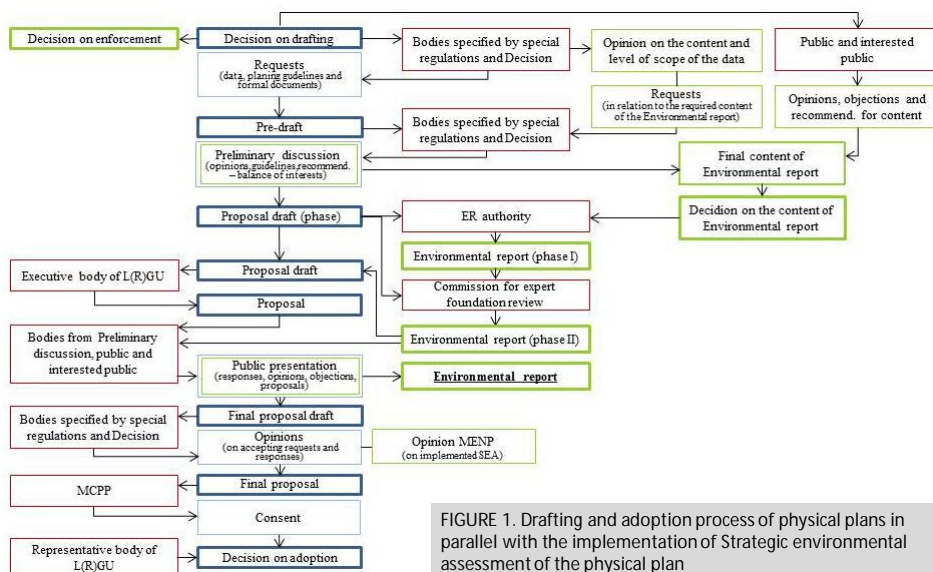


FIGURE 1. Drafting and adoption process of physical plans in parallel with the implementation of Strategic environmental assessment of the physical plan

Materials and Methods

Analysis of nature protection guidelines and measures, obtained from:

- Ministry authorized for nature protection (Ministry) - Requests delivered on the basis of Decision on drafting of the plan
- State institute for nature protection (SINP) - Elaborate "Data on species, habitats, protected and registered areas and ecological network of Republic of Croatia with a proposal of protection measures for the purpose of Physical plan of Primorsko-goranska county" (SINPs Elaborate)
- State institute for nature protection (SINP) - Opinion on compliance of requests and responses in I. Final proposal draft of the plan (SINPs Opinion)
- Environmental report

Materials and Methods

Classification into five groups:

- Planning guidelines (those that are not to incorporate in the form of provisions)
- Guidelines for provisions
- Measures for further research (implementing provisions to be incorporated in the chapter Areas and sites for research and monitoring of the phenomena and processes in the area)
- Transposition of legal provisions
- Other - inadequate, limiting at the level of PP PGKC

Integration in physical plan:

- GIS comparison of the cartographic representations of various stages of the plan drafting, M 1:100 000
- Analysis of the implementation provisions of the II. Final proposal draft

Results, Discussion and Conclusions

No	Planning guidelines		Guidelines for provisions		Measures for further research		Legal provisions		Other		Total	
	R	I	R	I	R	I	R	I	R	I	R	I
Ministry	4	4	3	3	0	0	10	10	4	3	21	20
SINPs Elaborate	44	0	13	0	4	0	44	0	75	0	180	0
SEA	3	0	0	0	13	13	1	1	1	0	18	14
SINPs Opinion	6	4	6	4	4	4	1	0	17	0	34	12
I/R	61.6%		77.7%		100.0%		91.7%		13.6%		63.01%	

TABLE 1. Representation of received (R) and incorporated (I) guidelines and measures

Basis for making Environmental report was Pre-draft Plan (the concept)

- No variant solutions, with only a schematic view of strategic direction
- The entire topics were missing, such as exploitation, aquaculture, waste water treatment, etc.
- Existing projects were not distinguished from planned ones
- It did not contain implementation provisions

Evaluation of individual projects – not possible to determine the significant effects

Lack of recent data on the individual components and the pressures of the environment

Results, Discussion and Conclusions

Analysis showed that:

- The nature protection guidelines and measures were not incorporated in the plan systematically, they were often repeating, there was a problem to find them.
- In chapter Protection of natural values and distinctive historical and cultural entity, there were no any measures prescribed, but only listed protected areas.
- Measures provided by the Authority have been incorporated into various chapters of the Plan, while those from the Environmental report were given all in one chapter - Implementing measures.

The quality of the Strategic environmental assessment was diminished

PP PGKC had to go on repeated Public presentation for:

- amendments on capacity for some touristic zones,
- abolishing some touristic zones and areas for mariculture,
- eliminating two wind farm plants.

SEA!

Plan makers did not consider the meaning of the obtained measures.

Results, Discussion and Conclusions

In this case the Integrated procedure of Strategic environmental assessment with Appropriate assessment of the impact for the ecological network did not contribute to significant improvement in the nature protection system

All from above points to the need of further strengthening of the capacity of all stakeholders and their cooperation in the procedure of Physical planning, Strategic environmental assessment and Appropriate assessment of the impact on the ecological network.

THANK YOU FOR YOUR ATTENTION!