



UNIwersYTET WARSZAWSKI
Warszawski Ośrodek Ekonomii Ekologicznej



Institute of Transport Economics
Norwegian Centre for Transport Research

TRANPAREA PROJECT: AN OVERVIEW

Sviataslau Valasiuk, WNE UW

TRANPAREA Interdisciplinary Workshop,
3rd December 2013,

WNE UW, Warsaw, Długa 44/50, Oskar Lange's Memorial Auditorium



Narodowe Centrum
Badań i Rozwoju



Basic facts

Full title: Value of Transboundary Nature
Protected Areas Situated near the EU Outer
Borders

Acronim: TRANPAREA

Project promoter: WNE UW

Project partner: TØI

Principle investigator: Prof. dr Hab. T.Żylicz

Duration: 01.09.2013 – 31.08.2015

General Aim

to find out empirically whether TNPA's under consideration located at EU's outer borders qualify to be politically sound international public goods, by investigating of people's stated preferences and accounting for their strategic behavior

Project Objective 1

To conduct comparative valuation exercises for the 'Eastern' (Białowieża/Biełavieskaja Pušča) and 'Scandinavian' (Fulufjället/Fulufjellet) cases

aiming at testing the following **working hypotheses**:

- Estimated willingness to pay for conservation of the sites under consideration obtained in and outside EU is consistent with each other when adjusted by factors of difference in purchasing power parity and income level in the countries involved.
- The TNPAs under consideration are international public goods in accordance with preferences stated by citizens of the countries involved.
- 'International' free-riding effect is observed when estimating WTP for TNPAs as international public goods.

Project Objective 2

To work out appropriate recommendations based on the study's implications and communicate study's findings to professional community, authorised bodies and stakeholders of the countries involved.

Project Plan

1. **Methodological workshop, PL, Research methodology set up.**
2. **'Eastern' interdisciplinary workshop, PL, Site specific problems clarified, draft scenario prepared.**
3. **'Scandinavian' interdisciplinary workshop, NO, Site specific problems clarified, draft scenario prepared.**
4. 'Eastern' study preparation (including focus groups, pilot survey, etc), PL, CE study design and questionnaire form developed, tailor-made software worked out.
5. 'Scandinavian' study preparation (including focus groups, pilot survey, etc), NO, CE study design and questionnaire form developed, tailor-made software worked out.
6. 'Eastern' CE field survey, PL/BY, Research questionnaire administered to representative samples of PL and BY citizens, CE dataset collected.
7. 'Scandinavian' CE field survey, NO/SE, Research questionnaire administered to representative samples of NO and SE citizens, CE dataset collected.

Project Activities(Continued)

8. 'Eastern' dataset analyses, PL, CE results obtained, research hypothesis tested.
9. 'Scandinavian' dataset analyses, NO, CE results obtained, research hypothesis tested.
10. Working out recommendations, PL, NO, Recommendations for authorised bodies and stakeholders developed on the basis of study's findings and their implications.
11. Academic papers writing workshop, PL, Results discussed. Conclusions and implications agreed. Publishing strategy developed and adopted.
12. Academic papers writing, PL, NO. At least two papers written and submitted to branch peer-reviewed journals.
13. 'Eastern' results workshop, PL, The study results presented to stakeholders from PL and BY.
14. 'Eastern' results workshop , NO, The study results presented to stakeholders from NO and SE.

Work Packages (WP)

WP1. General methodology setup

WP2. Interdisciplinary issues

WP3. CE design and questionnaire

WP4. CE Survey and datasets analyses

WP5. Academic writing and publishing

WP6. Recommendations and external communication

WP1. General methodology setup

WP leader (name/title)	Mikołaj Czajkowski (MC)
Start date	1 st September 2013
End date	30 th November 2013
Objective	To set up general methodological approach for the comparative valuation exercises for the 'Eastern' (Białowieża/Bielavieskaja Pušča) and 'Scandinavian' (Fulufjället/Fulufjellet) cases aiming at testing the study's working hypotheses.
Task	1.1.To analyse thematic publications on protected areas' valuation. 1.2.To set up draft methodology of the study.
Deliverable	D1.1.1. Thematic literature review. D1.2.1. Draft survey scenario.
Milestone	M1.2.1. Methodological (kick-off) workshop is held.
WP number	1

The WP1 starts the whole sequence of the research activities and sets up the general methodological framework of the study. It will be implemented in parallel manner with the WP2, which is intended to make interdisciplinary input into study's setting whilst WP1 concentrates on the economic issues of the methodology. Draft survey scenario being its main output will be than adjusted with findings of the analyses carried out at the two interdisciplinary workshops belonging to the WP2.

WP2. Interdisciplinary issues

WP leader (name/title)	Marek Giergiczny (MG)
Start date	1 st September 2013
End date	31 st December 2013
Objective	To ensure interdisciplinary links and context relevance of the study by involvement of representatives of other sciences, both natural and social.
Task	2.1. To identify the adjacent fields of science, list and involve appropriate experts. 2.2. To ensure that all major factors belonging to the other sciences' domain are accounted in the study settings.
Deliverable	D2.2.1. Adjusted study's scenario, accounting to interdisciplinary issues.
Milestone	M2.1.1. The two site-specific interdisciplinary workshop (Białowieża/Bielavieskaja Pušča and Fulufjället/Fulufjellet)
	have been held.
WP number	2

The WP2 will be started simultaneously with the WP1 and it is intended to adjust the general methodological framework of the empirical economic study with findings arising from the interdisciplinary analyses which will investigate the TNPA phenomenon with the approaches of the natural and social sciences. An extra month after the end of implementation of the WP1 is reserved in order to make all the necessary adjustments to the draft survey scenario. The adjusted scenario is expected to be the element linking the WP2 with the subsequent WP3, dedicated to experimental design and questionnaire development.

WP3. CE design and questionnaire

WP leader (name/title)	Askill Harkjerr Halse (AHH)
Start date	1 st January 2014
End date	30 th June 2014
Objective	To work out experimental design and survey questionnaires of the comparative valuation exercises for the 'Eastern' (Białowieża/Bielavieskaja Pušča) and 'Scandinavian' (Fulufjället/Fulufjellet) cases aiming at testing the study's working hypotheses.
Task	3.1. To work out experimental design and survey questionnaire. 3.2. To provide questionnaire's translation into the four local languages for the national surveys. 3.3. To develop tailor-made software.
Deliverable	D3.1.1. Survey questionnaires for the Eastern and Scandinavian cases in English. D3.2.1. Survey questionnaires in Polish, Norwegian, Swedish and Russian. D3.3.1. Software for the survey purposes.
Milestone	M3.1.1. Survey design has been worked out. M3.1.2. Survey questionnaires for the Eastern and Scandinavian cases in English have been developed. M3.2.1. Survey questionnaire has been translated into Polish, Norwegian, Swedish and Russian. M3.3.1 Software for the survey purposes has been developed.
WP number	3
WP3 is based on the findings of the precedent methodological WPs 1 and 2 and it is intended to provide the necessary working tool for the implementation of the subsequent WP4.	

WP4. CE Survey and datasets analyses

WP leader (name/title)	Sviataslau Valasiuk (SV)
Start date	1 st July 2014
End date	31 st December 2014
Objective	<p>To conduct comparative valuation exercises for the 'Eastern' (Białowieża/Bielavieskaja Pušča) and 'Scandinavian' (Fulufjället/Fulufjellet) cases and test the study's working hypotheses:</p> <ul style="list-style-type: none"> - Estimated willingness to pay for conservation of the sites under consideration obtained in and outside EU is consistent with each other when adjusted by factors of difference in purchasing power parity and income level in the countries involved. - The TNPAs under consideration are international public goods in accordance with preferences stated by citizens of the countries involved. - 'International' free-riding effect is observed when estimating WTP for TNPAs as international public goods.
Task	<p>4.1. To conduct survey of representative samples of PL, NO, BY, SE citizen (4*1000 complete interviews).</p> <p>4.2. To analyse the valuation study's results and test working hypotheses.</p>
Deliverable	D4.1.1.Choice experiment results dataset
Milestone	<p>M4.1.1.Survey of representative samples of PL, NO, BY, SE citizen (4*1000 complete questionnaires) has been conducted.</p> <p>M4.2.1.Obtained datasets analysed, working hypotheses have been tested.</p>
WP number	4
<p>WP 4 is devoted to econometric analyses and modelling based upon the dataset obtained as a result of implementation of the previous WP3. Results obtained in the course of the WP4 will be discussed by the project team and communicated through the subsequent WPs: to the professional community by scientific peer-reviewed publications (WP5) and to the main stakeholders of the sites under consideration (WP6) in the form of political recommendations and site-specific informational workshops.</p>	

WP5. Academic writing and publishing

WP leader (name/title)	Knut Veisten (KV)
Start date	1 st January 2015
End date	30 th April 2015 Revised: 31th August 2015
Objective	Communication of the study findings to the professional community
Task	5.1. To work out academic writing strategy. 5.2. To write texts of at least two scientific papers representing the study's key findings and submit them to the branch peer-reviewed journals for the publishing.
Deliverable	D.5.2.1. Texts of at least two scientific papers.
Milestone	M.5.1.1. Academic writing workshop has been held. M.5.2.1. Texts of at least two scientific papers have been submitted for publishing to the branch peer-reviewed journals.
WP number	5
<p>The WP5 is intended to transform the obtained results of the WP4 into the form of scientific texts aimed at the professional community. The product of the WP is considered the part of the final output and added value of the study. At the same time WP5 is logically connected with the subsequent (and ultimate) WP6 since the political recommendations represent the further development of the scientific findings of the study and their practical implications.</p>	

WP6. Recommendations and external communication

WP leader (name/title)	Iratxe Landa Mata (ILM)
Start date	1 st May 2015
End date	31 th August 2015
Objective	To ensure interdisciplinary links and context relevance of the study by involvement of representatives of other sciences, both natural and social, and communicate the study's findings to outer concerned audiences.
Task	6.1. To develop recommendations based on policy implications of the study. 6.2. To communicate study findings and policy recommendations to main stakeholders of the TNPAs under consideration including authorised bodies, local communities and NGOs.
Deliverable	D6.1.1 Recommendations on TNPAs management, based on study findings and political implications (in the form of hardcopy report and multimedia presentation).
Milestone	M.6.2.1. Workshops <i>in situ</i> for TNPAs stakeholders have been held: one for PL/BY + one for NO/SE.
WP number	6
The WP6 ends up the study's sequence being the most applied part of it. The recommendations will be based on findings obtained in the course of the previous WP5 and delivered to the final recipients that is to direct stakeholders of the sites under consideration.	

Project Outputs & Outcomes

- At least two papers submitted to branch peer-reviewed journals;
- Recommendations for the stakeholders worked out and disseminated;
- Insights provided in peoples preferences and decision-making concerning transboundary NPAs;
- Some theoretical concepts (international public good, 'free-riding' effect) are tested empirically in case of transboundary NPAs.

Thank you for your attention!