



LIFE Nature projects

“Evolution of socioeconomic (and ecosystem) assessment at MHPWF LIFE Projects”

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The puzzle of socio-economic assessments

- Mandatory action since 2011 - before part of the overall project assessment in the IR and FR
- “Environmentalists in unknown territory”
- Usually one of the last things to prepare for the application
- How to make it the easiest way...
- Two approaches
 - *The simple (no clue, but something)*
 - *The simple (better clue) and targeted actions (separate assessments)*



Saimaa Ringed Seal LIFE (LIFE12)

- D1 Water owner's and fishermen's attitudes towards Saimaa ringed seal and its' conservation: an enquiry to monitor attitudes towards fishing restrictions (LUKE)
- D2 *Expert evaluation of the results and impacts of the projects (2018)*
- D3 Attitudes towards the Saimaa ringed seal and awareness of the conservation measures (MH)
- D4 Pre- and post-project attitudes for Saimaa seal conservation at the regional and national levels (UTU)
- D5 *Assessment of sosio-economic impacts and ecosystem services of the project (2018)*



Saimaa Ringed Seal LIFE

The socio-economic study includes assessment on the effects on local economy and employment such as fisheries, nature tourism etc... the study uses the same methods as the study of effects of the National Parks on local economies made yearly by Metsähallitus for National Parks Investments made for maintenance and recreational facilities of the national parks and hiking areas are paid back to society many... on the basis of data on visitor numbers and survey findings on visitors' spending levels, and factoring figures that account for the cumulative impacts of visitors' spending in local economies.

The project includes several activities targeted to increase social awareness and acceptance of nature conservation efforts including the Natura 2000 network... (the other D actions, attitudes...)

Budget 10 230€

NO INDICATION OF ACTUAL INDICATORS...



Light and Fire (LIFE13)

D2. Assessment of the impact on local socio-economy and on the ecosystem functions

- **The same but now more clear indicators**
 1. Total income impact million € / project area
 2. Total impact on employment (man-year) / project area
 3. Number of visits / project area
- **Additionally, inquiry for visitors (65) on the attitudes towards habitat restoration, case Örö**
- **Budget 1 635€ (total now 7 100€)**



Hydrology LIFE (LIFE16)

1. General interest and awareness on restoration and the project actions:
(Web surveys before-after)
 2. Costs and employment effects of restoration activities
 3. Local stakeholder opinions on the benefits and losses by restoration
(survey)
 4. Recreational and tourism opportunities at two project sites
(interviews)
 5. Overall project socio-economic assessment
- **Budget:** 0,17M€
 - **KPI indicators:** Job creation, Total expenditure, Operating expenses after the project, Entry into new sectors



The evolution of socio-economic assessments

- More focus on indicators but...
- More requests from the EASME/Commission
- Separate more in depth analysis - engaging research sector (but natural resource sector only)
- How to secure that the assessment is for the whole project?
- Several projects soon reaching the reporting stage?

TIME TO DEVELOP A NEW TOOL!!!!



Analysis of the socio-economic impacts of (LIFE) projects

- Based on sector based factors calculated from the National Statistics; takes into account salary cost and other costs
- Factors for each county
- Restoration costs must be allocated to other sectors (no sector called restoration)
- Direct and indirect local economy impacts
- Direct and indirect employment impacts
- Done by professor emerita on economics...

Toimiala	Toimenpiteet	Toimenpid
02_03 Muu metsäala	Puuston poisto	11-14, 21, 3
	Ennallistamissuunnittelu, HKS, soiden ja metsien ennallistaminen, hankkeen hallinnointi	43, 45-47
00x luontopalvelut	Hankaviestintämateriaalit, DVD, infokyltit, suonaäyttely	57-63

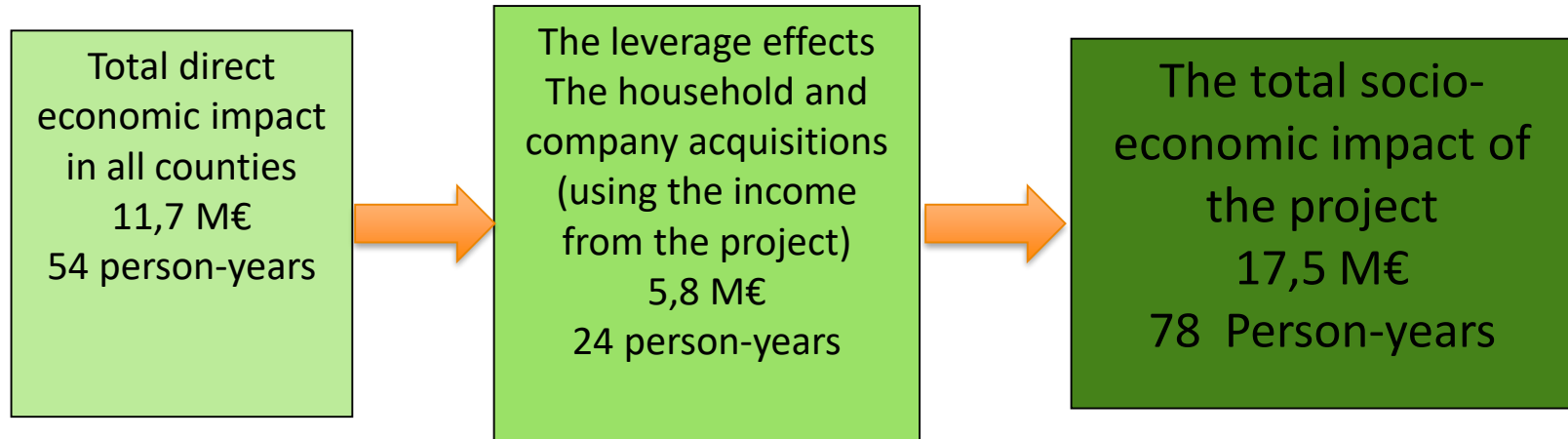
Kertoimet maakunnittain ja koko maassa kaikki toimialat

Tuotoskertoimet	01 Maatalo	02_03 Met	05_09 Kai	10_12 Elin	13_15 Tek	16 Puuteol
Uusimaa	2,016017	1,55957	1,984373	1,89129	1,828099	2,570737
Varsinais-Suomi	1,949251	1,498832	1,916057	2,059996	1,854238	2,197467
Satakunta	1,969214	1,454988	1,929847	1,95686	1,49438	1,77282
Kanta-Häme	1,907724	1,387321	1,833309	1,565376	1,788257	1,883997
Pirkanmaa	1,994616	1,374856	2,02757	2,070924	1,463184	2,020568
Päijät-Häme	2,020473	1,387756	1,938566	1,80594	1,350494	1,492172
Kymenlaakso	1,914325	1,379658	2,041971	1,879555	1,72937	2,081517
Etelä-Karjala	1,868191	1,3997	1,729511	2,063246	1,837631	1,671548
Etelä-Savo	1,877574	1,382552	1,906399	2,029634	1,535226	1,842207
Pohjois-Savo	1,872875	1,461541	1,597016	1,989552	1,463981	1,729878
Pohjois-Karjala	1,979759	1,430733	1,563421	1,876587	1,599856	1,716036
Keski-Suomi	1,855415	1,479165	1,767883	2,049887	1,896339	1,903772
Etelä-Pohjanmaa	1,868613	1,464322	1,680663	1,682349	1,450141	1,826596
Pohjanmaa	1,964897	1,556288	1,896032	2,041515	1,704375	2,076289
Keski-Pohjanmaa	1,904605	1,510464	1,953205	2,038974	1,498167	1,893873
Pohjois-Pohjanmaa	1,940183	1,551786	1,566747	2,028376	1,548329	1,729927

Case: Boreal Peatland LIFE (2010 - 2017)



- total costs app. 7,13 M€



Still on a bit unfamiliar territory

