

Impacts on income and employment arising from the LIFE IP INTEMARES project Status Report I (2017-2018)

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LIFE IP INTEMARES
Integrated, innovative and participatory management of
the marine Natura 2000 Network in Spain

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Coordination and review: Biodiversity Foundation, under the auspices of the Ministry of the Ecological Transition and the Demographic Challenge.

Edit: the LIFE IP INTEMARES project, which is coordinated by the Biodiversity Foundation under the auspices of the Ministry for the Ecological Transition and the Demographic Challenge, has the aim of achieving efficient management of the Natura 2000 Network marine sites, with science and active participation of the sectors involved.

The Directorate General of the Coast and Seas, under the auspices Ministry itself, the IEO, the Spanish Fishing Confederation, SEO/BirdLife and WWF-Spain all participate as partners. The project has the financial support of the European Union LIFE programme, among other sources of financing.



Executive Summary

This report presents the results of the consulting report “Evaluation and monitoring of the socio-economic impact on the economy and population of the LIFE IP INTEMARES Project: Integrated, innovative and participative management of the Natura 2000 Network in the Spanish marine environment” as of 31 December 2018, upon completion of the first phase.

The purpose of this report is to estimate the impacts on income and employment arising from the spending in the years 2017 and 2018 as part of the LIFE IP INTEMARES project including the spending on complementary projects completed in this period. To do that, Input-Output methodology will be used to estimate the indirect and induced impacts on both variables and compared them with the Baseline Report.

The direct impacts on income amount to 3.5 million euros represented by spending on goods and services, project management and personnel, as collected in project accounting as costs settled and audited. The complementary projects represent additional spending of 0.4 million. The sum of both gives us a direct impact on income during the first phase of the INTEMARES project of 3.9 million euros.

In the second step, the indirect impact on income has been calculated. The 1,346 references to costs accounted and approved to this date by the project are assigned to the sectors of economic activity and the indirect spending vector of the project is calculated. This vector is multiplied by the coefficients of the multiplier matrix of the input-output tables, estimating an indirect impact of 1.8 million euros.

The induced spending has also been calculated, which is related to the spending on employment, and assigned to economic sectors as per the calculations of the Baseline Report to estimate the induced vector and, multiplied by the matrix of multipliers of the Input-Output tables, resulted in induced spending of 2 million euros.

In summary, as of 31 December 2018, the total impact on income of project spending is estimated at 7.8 million euros.

With respect to the impact on employment arising from project spending in the same period, direct employment generated has been calculated at 46 workers/year.

In addition, indirect and induced jobs have been estimated through the array multiplication of employment coefficients by economic sector, the multiplier matrix

of the input-output tables and the indirect and induced spending vectors of the project, respectively.

The results of these calculations are 64 workers/year for the indirect effect and 85 workers/year for the induced effect.

According to these calculations, the total estimated impact considering spending executed under the project up to 2018 is 238 workers/year.

Conclusions

Once the Protocol is established for the calculation of the impact on income and employment arising from spending under the LIFE IP INTEMARES project and the application for the Baseline of the project and for phase I, significant data can be extracted.

To do that, it must be taken into account that the total budget of the LIFE IP INTEMARES project is €49,778,522 and that for phase I (20% of the duration of the project) the total spend has been estimated at €3,967,544 (8%).

In just two years, and despite executing just 8% of the budget, the project has generated a total impact of €7,865,646 on income and 238 workers/year.

The five sectors that saw the greatest impact were:

1. Scientific research and development services(€964,027)
2. Other professional, scientific and technical and veterinary services (€826,157)
3. Public administration and defence services; compulsory social security services (€496,115)
4. Food products; beverages; tobacco products (€461,886)
5. Constructions and construction works (€434,040)

In addition to the direct jobs contemplated within the LIFE IP INTEMARES project, this analysis shows that with the spending on goods and services, the project has generated:

- 15 jobs/year in scientific research and development services
- 11 jobs/year in public administration and defence services; compulsory social security services
- 9 jobs/year in other professional, scientific and technical and veterinary services
- 2 jobs/year in services furnished by membership organisations
- 2 jobs/year in accommodation and food and drink services
- 1 job/year in compeer programming, consultancy and related services;

information services

- 1 job/year in legal and accounting services; head office services; management consulting services