



Ecosystem services evaluation of quarry restoration, Yepes

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02/05/2018



Why to restore?

Image

Risk

Stakeholders

Access to finance

Compliance

Legislation

Company

Commitment

Net positive impact by 2030







LafargeHolcim goals

To show the hidden value of biodiversity



Identify ecosystem services and their beneficiaries

Value social, environmental and economic benefics from restauration measures

Understand, communicate and spread the ecologic restoration process











Vision







Framework

IDENTIFY ENVIRONMENTAL RESOURCES



IDENTIFY ENVIRONMENTAL SERVICES



CLASIFY ENVIRONMENTAL SERVICES



ECONOMIC VALUATION



COST-BENEFIT ANALYSIS





The project has classified the main ecosystem services provided in the restoration project according to CICES (1)

PROVIDING SERVICES

- Food supply:
- Honey
- Hunting species
- Mushrooms
- Medical and aromatic plants
- Almonds, olives and grapes
- Dry-land farming
- Biomass supply
- Wood

REGULATORY SERVICES

- Atmospheric regulation:
- Carbon storage (land and trees)
- Polinization
 - Erosion control
- Gene pools

CULTURAL SERVICES

- Scientific knowledge& biologic:
- Scientific studies
- Experimental restoration hub
- Training & visits
- Aesthetic & Sports enjoyment:
- Mushrooms, shooting, landscape, sports...
- **BIODIVERSITY**

Outcomes



VALOR ECONÓMICO ANUAL de los SERVICIOS ECOSISTÉMICOS



BENEFICIO AMBIENTAL por cada € invertido en restauración



BENEFICIO SOCIAL



Rehabilitación



Biodiversidad



INNOVATION: The project provides high valuable innovation in terms of ecosystem services valuation, providing innovative decision-tool mechanisms and valuing intangible tools



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