



Partner



Scelto da

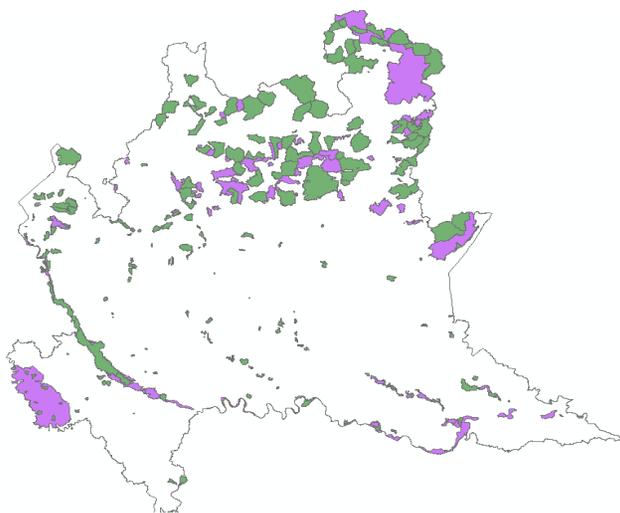


Con il contributo di



**LIFE GESTIRE 2020 - Nature Integrated Management to 2020.**  
La strategia integrata per Rete Natura 2000 e la biodiversità in Lombardia

## General environmental framework in Regione Lombardia



The sites have been identified according to the Habitats Directive (92/43 / EEC) and the Birds Directive (79/409 / EEC) and represent the nodes of RN2000 which, on a European scale, have allowed to safeguard the fundamental elements representative of the biodiversity on the European continent.

**RN 2000 245 Sites (373.529ha - 15% regional dimension)**

COM (2013) 249 final Green infrastructure - Strengthening natural capital in Europe Natura 2000, thank to the work of the last 25 years since its establishment and its consolidation, has become the backbone of the EU's green infrastructure.

Natura 2000 can catalyze the development of green infrastructures, which contributes in reducing the fragmentation of the ecosystem, enhancing connectivity between sites in the RN2000 network and making it possible to achieve the objectives of Article 10 of the Habitats Directive



RegioneLombardia

## Critical aspects in the implementation of the Regional Ecological Network

- Poor diffusion among planners and project managers (urban planners, architects, agronomists, researchers etc.) on the key role of the awareness campaigns in designing the ecological network for the survival of species and populations.
- The variability of the network designs included in the urban planning tools that makes the concrete and effective implementation of ecological connections difficult and consequently the provision of adequate ecosystem services
- A weak interest of local authorities.
- The complexity of finding adequate financial resources
- The availability of the areas to implement the interventions



# Progetto LIFE IP GESTIRE 2020

## Action Plan and Prioritised Action Framework (PAF) di RN 2000

Ensure the ecological connection, where necessary, between the RN2000 sites in order to promote network consistency :

- ACTION A5: Planning of the interventions necessary to restore the ecological connection to guarantee the consistency of RN2000
- ACTION C4: Support for the implementation of the interventions necessary to restore the ecological connection to guarantee the consistency of RN2000
- ACTION E10: Promotion of the necessary interventions to restore the ecological connection to guarantee the coherence of RN2000



## **ACTION A5: Planning of the interventions necessary to restore the ecological connection and to guarantee the consistency of RN2000**

The action includes:

- Collection and systematization of feasibility studies of the projects already developed in Lombardy in different territorial areas (2010-2015 period)
- Definition of a set of scientific criteria for the identification of the priority areas in order to foster a connection between the sites.
- Analysis of studies and projects on the priority areas identified in order to promote their implementation inspection on the field
- Verify the status\state of the art, in order to confirm or not the possibility in implementing the actions planned. The inspections will be carried out by our Regional internal body as «the Technical Facilitator» (ERSAF)
- Drafting maps for each area of intervention to define scope, objectives and the maximum quantification of costs and sources of funding
- Identification of the legal-administrative instruments suitable for the different areas
- Discussion with Associations, at local level, to stimulate and encourage the aggregation of Municipalities and stakeholders to allow the implementation of concrete reconstruction actions and ecological connections.
- Mapping of all interventions developed



## **ACTION C4: Support the implementation of the interventions to restore the ecological connection to guarantee the consistency of RN2000**

The action includes:

a) support for the implementation of the actions planned in action A5 achievable:

- through the complementary funds using the funds of the RDP, "Fondo aree verdi" and CARIPOLO and other funds;

- through the LIFE project funds with the publication of a call for tender to the Local Authorities;

b) the support of Facilitator Technicians (ERSAF) in the drafting draft projects proposals (starting from the forms already formulated in action A5) and the participation to calls for proposals.

c) the involvement of local associations in stimulating and supporting the aggregation of territorial subjects, primarily the Municipalities, in the drafting projects proposal to be selected for funding on complementary funds;

d) coordination with the corresponding E10 action



## **ACTION E10:** Promotion of the interventions necessary to restore the ecological connection to guarantee the coherence of RN2000

The action includes: capacity building (skills and competences) to Administrators, planners and project managers (urban planners, architects, agronomists, researchers, etc.), to draw up Ecological Network plans coherent with the territorial critical points that could allow a concrete implementation of the projects forecasted in the Ecological network.

1° target: Administrators of the management bodies, municipal\provincial administrators involved that can actively promote ecological network projects at the local level

- Implementation of 24 meetings with the purpose of launching a "discussion table" aimed to promote awareness on the Ecological Networks issues.
- The best practices Administrators who have demonstrated the ability to find appropriate solutions to the problem of reconstructing the ecological balance on their territories

2° target: local associations and the population

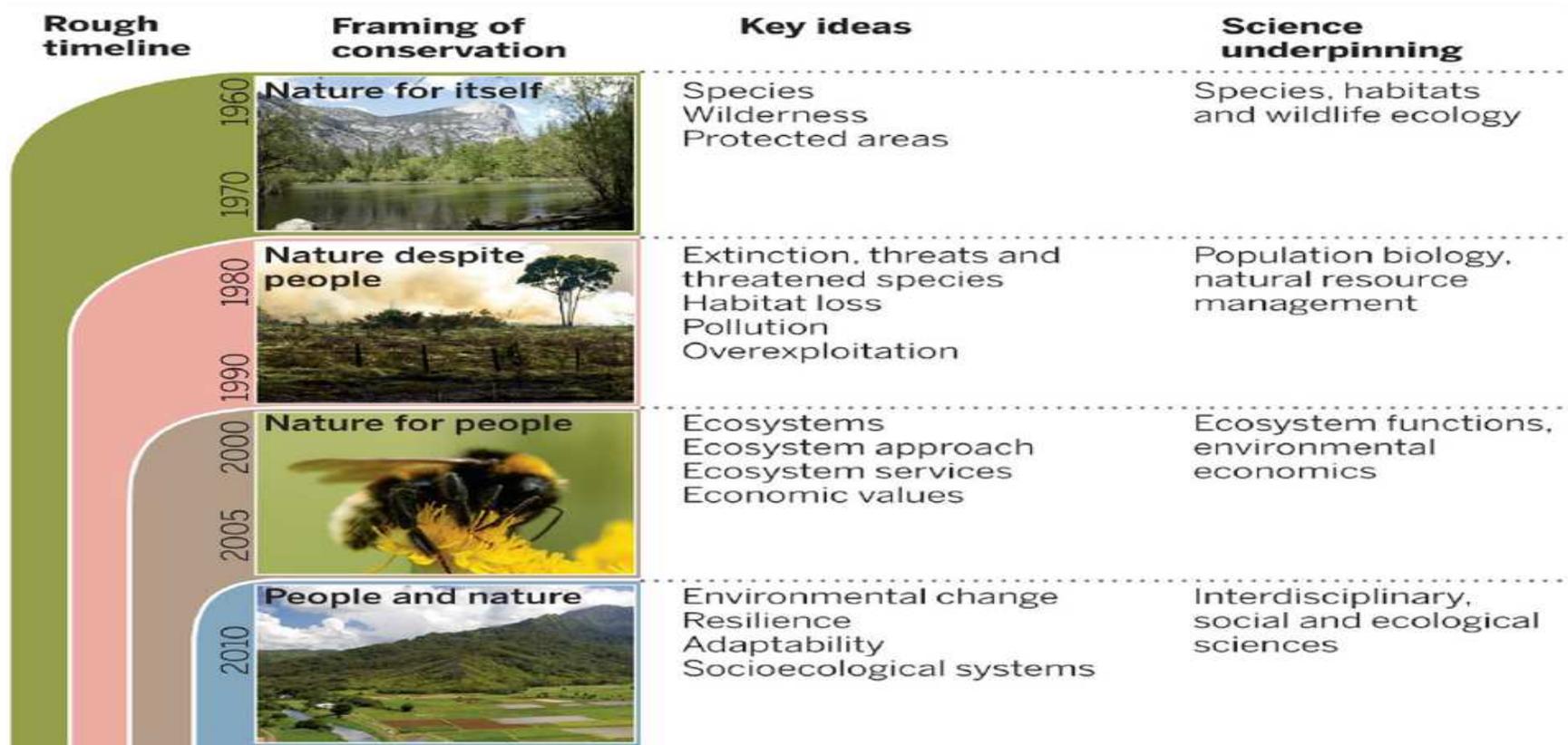
Implementation of at least 20 meetings in the areas of intervention defined in action A5 aimed at disseminating knowledge regarding the issues covered by the action and raising awareness of the availability of areas for the implementation of planned interventions.

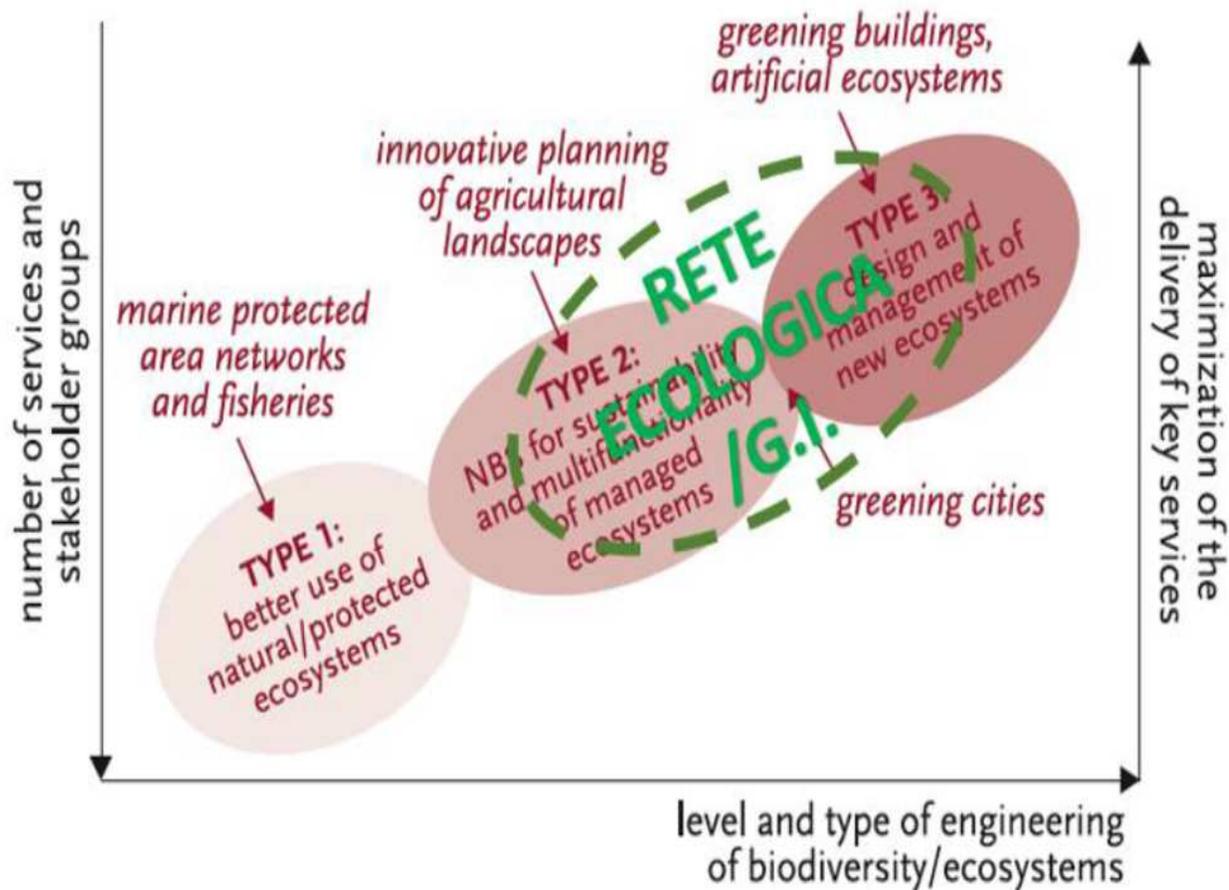
3° target: professional and technical free professionals

Creation of a Thematic Working Group with professional Associations and freelance technicians, aimed at identifying and resolving the critical issues related to the lack of awareness of the need to design and implement Ecological Network drawings



## The new paradigm for the Green Infrastructure





Type 2 and (even more) Type 3 are often taken as examples by the European Commission because they turn natural capital into a source of green growth and sustainable development.



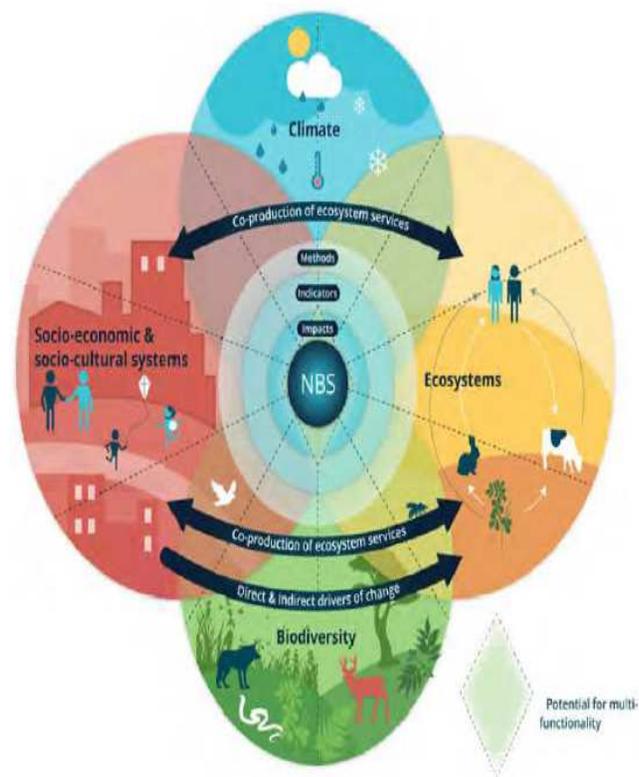
The green infrastructures are the result of the synergy between 2 possible categories of integrated actions:

- The maintenance of ecosystem units (Natural Capital) able to produce ecosystem services and the creation of natural ecosystem units able to perform multiple ecosystem functions and services

One of the main ecosystem services is biodiversity support

Green infrastructures are strongly integrated with the socio-economic context in which they are incorporated, in fact the assessment of their impact recognizes the potential of a range of other social, economic and environmental impacts

- The implementation of the ecological networks is strongly penalized by the lack of several aspects:
  - references and tools for the creation of value linked to biodiversity
  - mechanisms that intrinsically link the methods of transformation and management of the territory
- The concept of co-production is the paradigm that can help overcome the difficulties in implementing and managing ecological networks and raising awareness of the importance of biodiversity



Building new value chains through the production of ecosystem services, green infrastructures are sources of socio-economic benefits for the population.

It is decisive to define the socio-economic impact, identify and clarify their consequences in terms of measurable and observable wealth.

This approach provides concrete elements for investment in natural and urban spaces

## Bénéfices socio-économiques

Bénéfices qui contribuent  
au bien-être humain

## Impacts socio-économiques

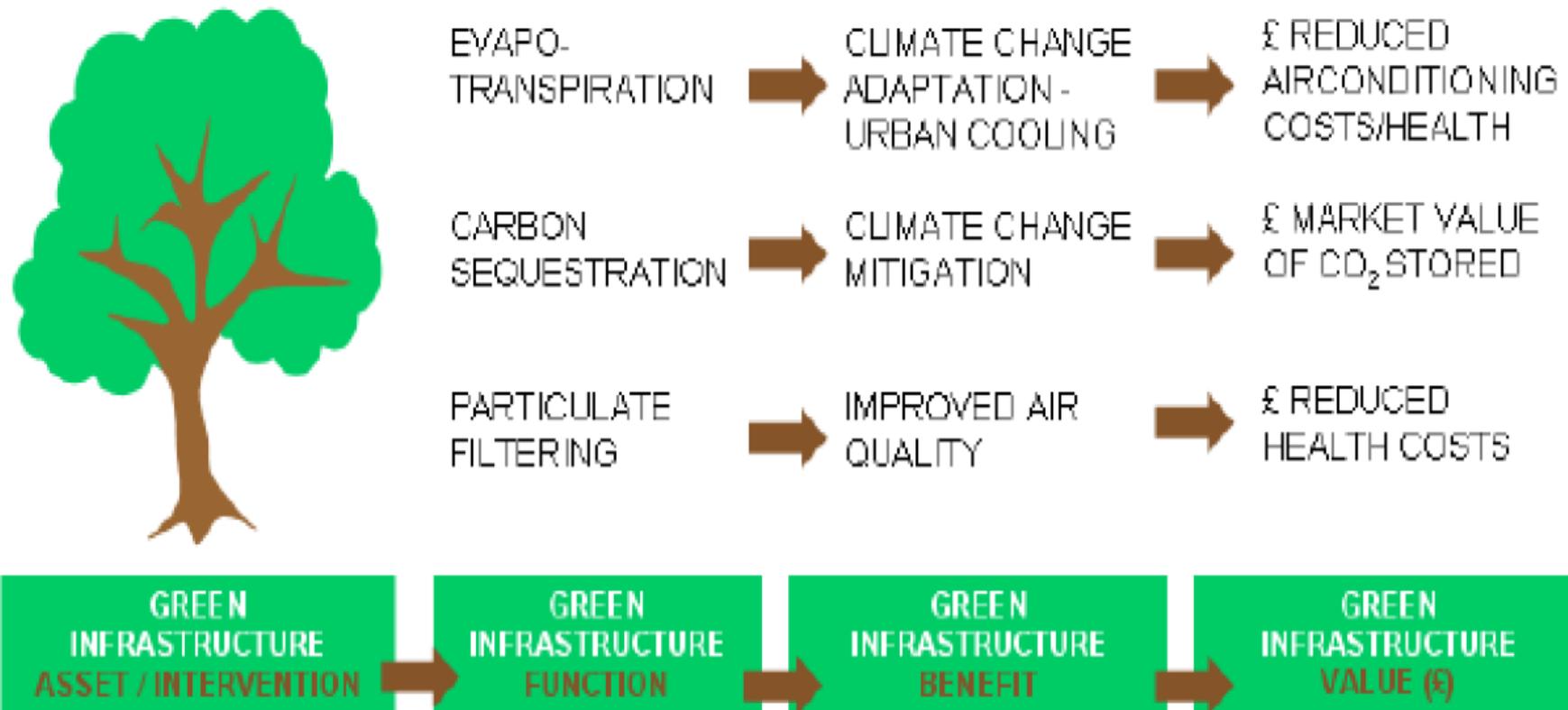
Correspondent à des  
transactions réelles et mesurables

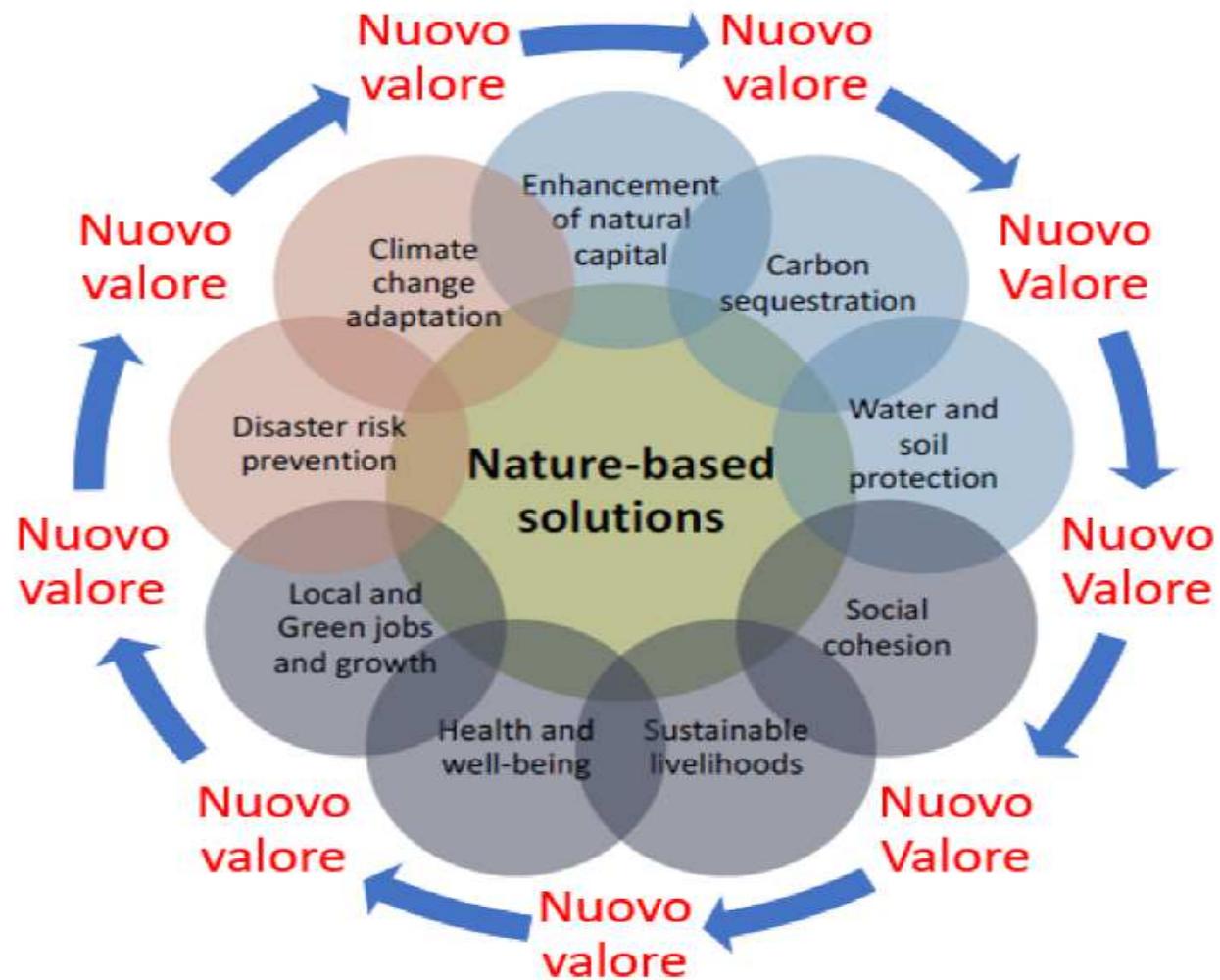
Legame tra benefici e impatti socio – economici

Source : basé sur Naumann et al., 2011a

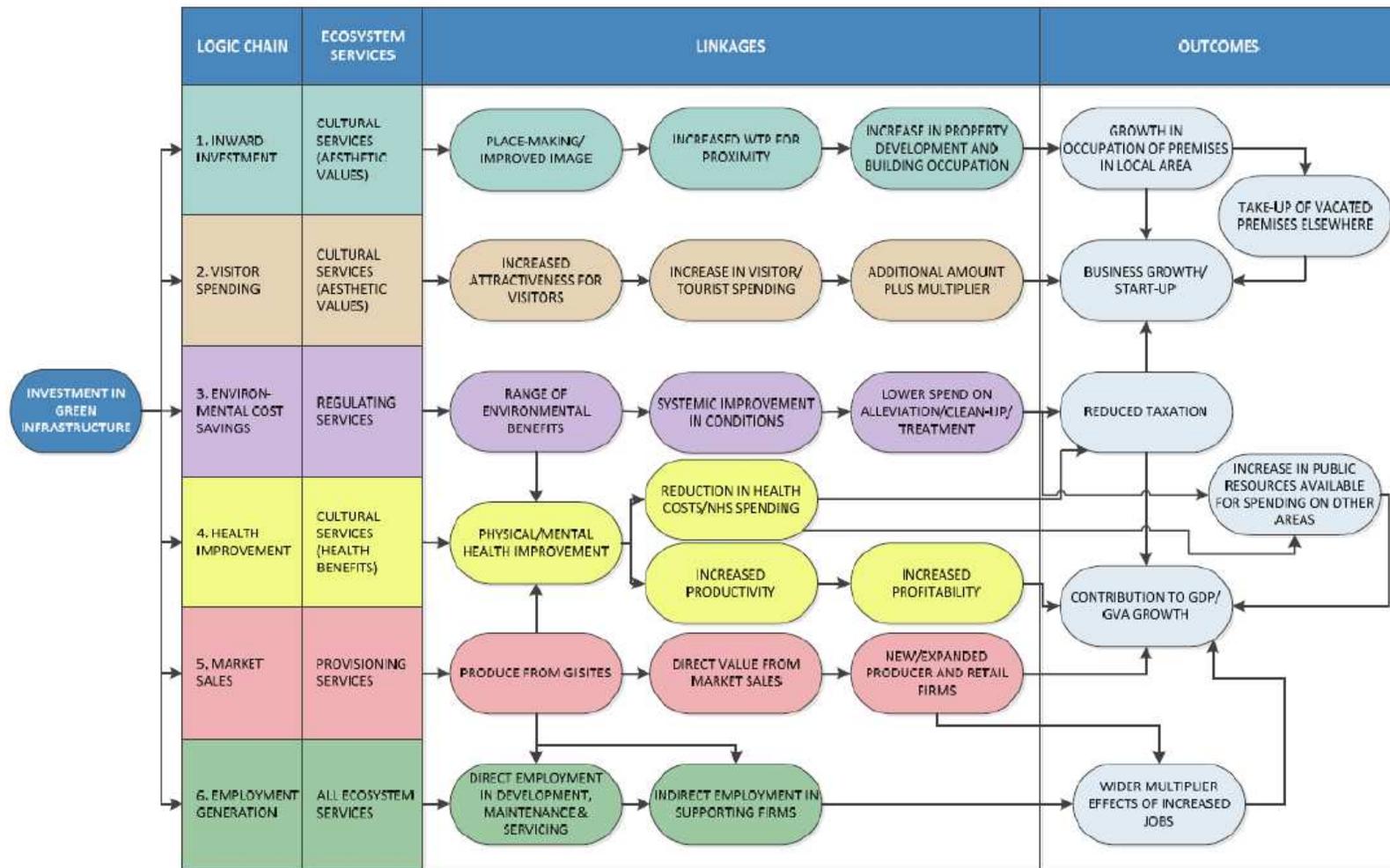


## Translating green infrastructure intervention into monetised benefit values



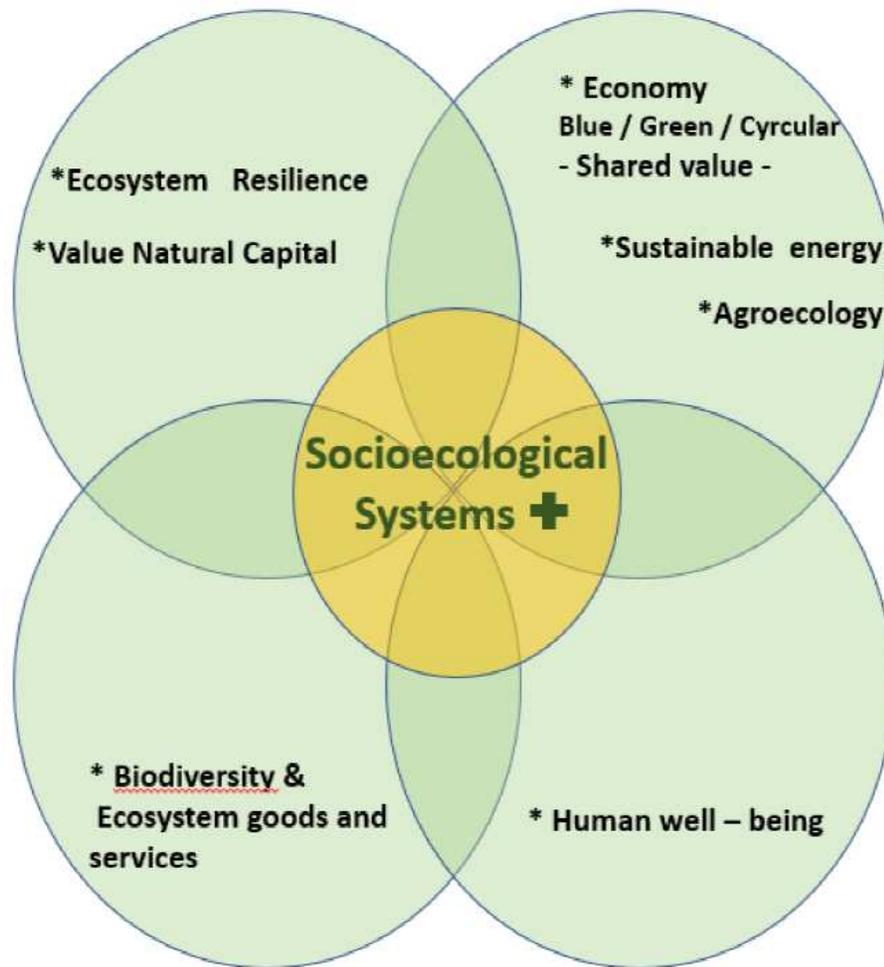


## Green Infrastructure and Economic Growth Logic Chains



## PARCO AGRICOLO-URBANO DELLA VALLE DELLA VETTABIA





## Ecological network:

- Pressure reduction (pollution) and resource restoration (soil, water)

- Conservation Ecosystem structure
- Reconstruction of the eco-system structure
- Value Chain of the natural capital integrated into the economy of the territory

Result = from a dual approach Territory- farm to a district ecologically equipped with positive biodiversity system



**Thank you for your attention**

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