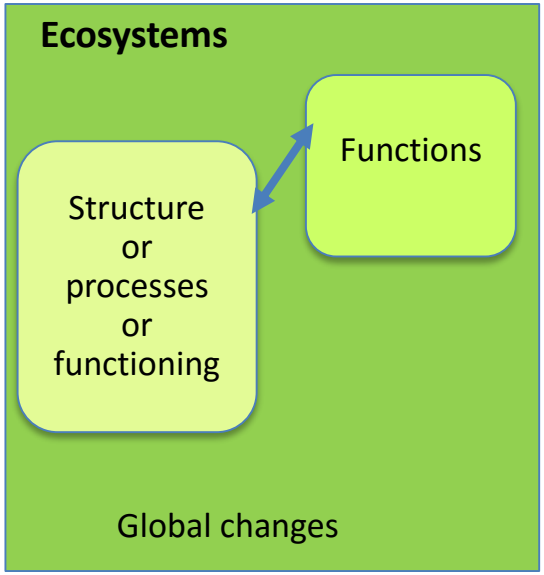
1.2. From multifunctionality to ecosystem services of UA

1.2.1 Concepts of multifunctionality and ecosystem services

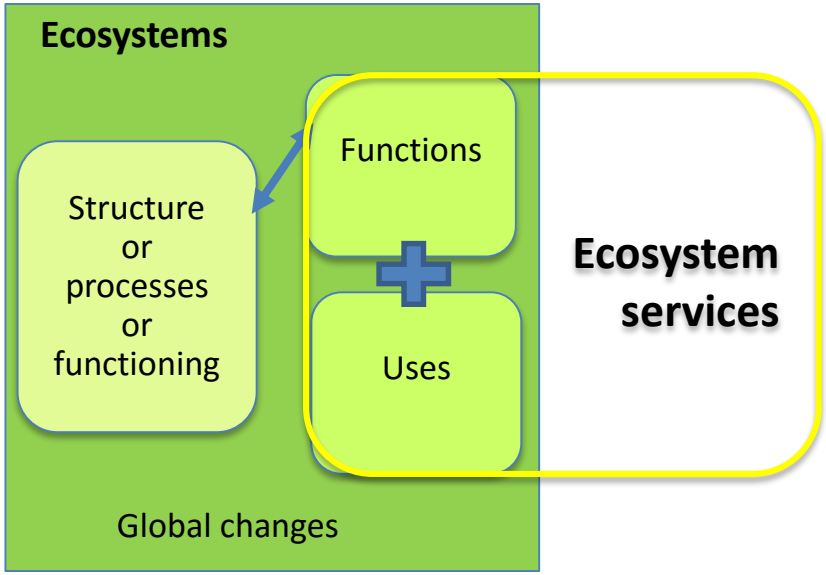
Dynamics of ecosystem services

Gilles Galopin, Emmanuel Geoffriau, Laure Vidal-Beaudet
Agrocampus Ouest / Agreenium



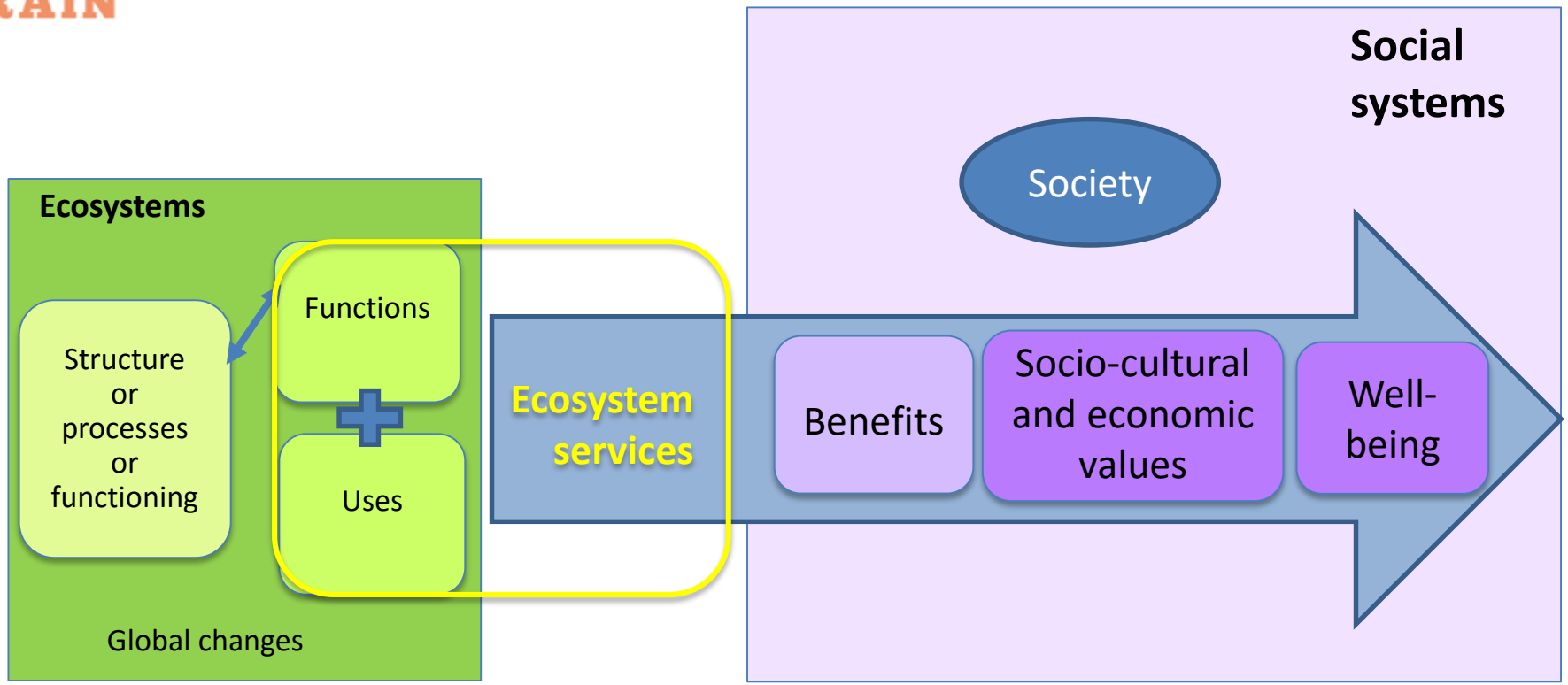
In each ecosystem, structure or processes or functioning induce several functions essential to ensure the ecosystem sustainability.

G. Galopin
E. Geoffriau
L. Vidal-Beaudet



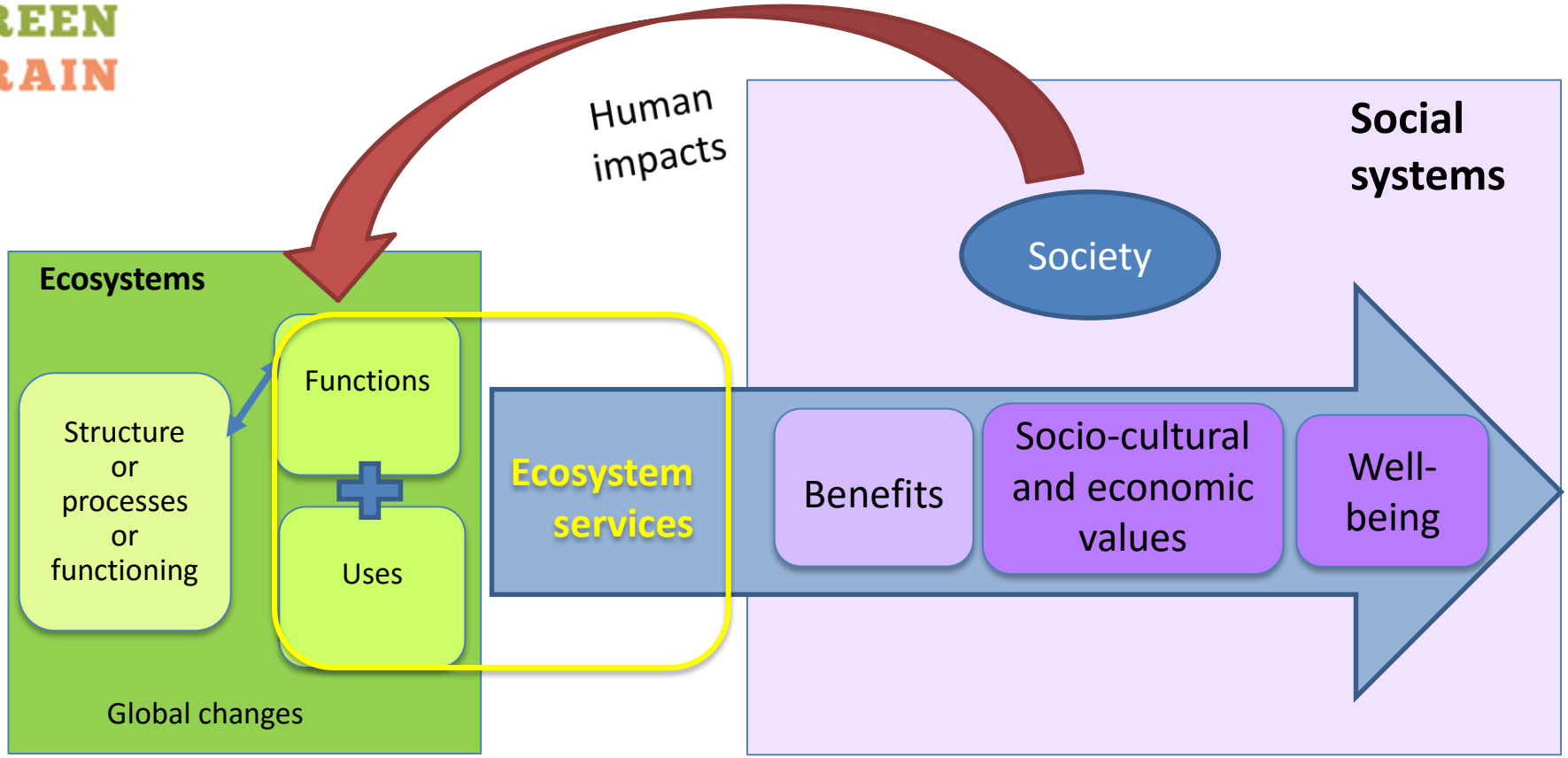
The ecosystem functions are associated with uses to provide ecosystems services and goods.

G. Galopin
E. Geoffriau
L. Vidal-Beaudet



The ecosystems services generate direct or indirect benefits and socio-cultural and economic values that satisfy human needs.

G. Galopin
E. Geoffriau
L. Vidal-Beaudet



The cost-benefit analysis of the ecosystems services by the society is necessary to balance decision-making and humans impacts on the urban ecosystem sustainability.

G. Galopin
E. Geoffriau
L. Vidal-Beaudet