

Governance; Top-Down aligning with Bottom-Up



The Case:

Forest fires in Portugal and Spain

- Number and intensity of fires increasing
 - Hundreds of fires
 - Wind and terrain infavourable to prevention
 - Real threath to properties and human lives
- Costs for fire-fighting skyrocketing
- Focus turning from fire-fighting to fire-prevention



Basics for Prevention of Fire

- Control over our (local) Environment
- Willingness to engage
 - = being stakeholders, thus having something to lose
- Know our skills
 - capacity and capability



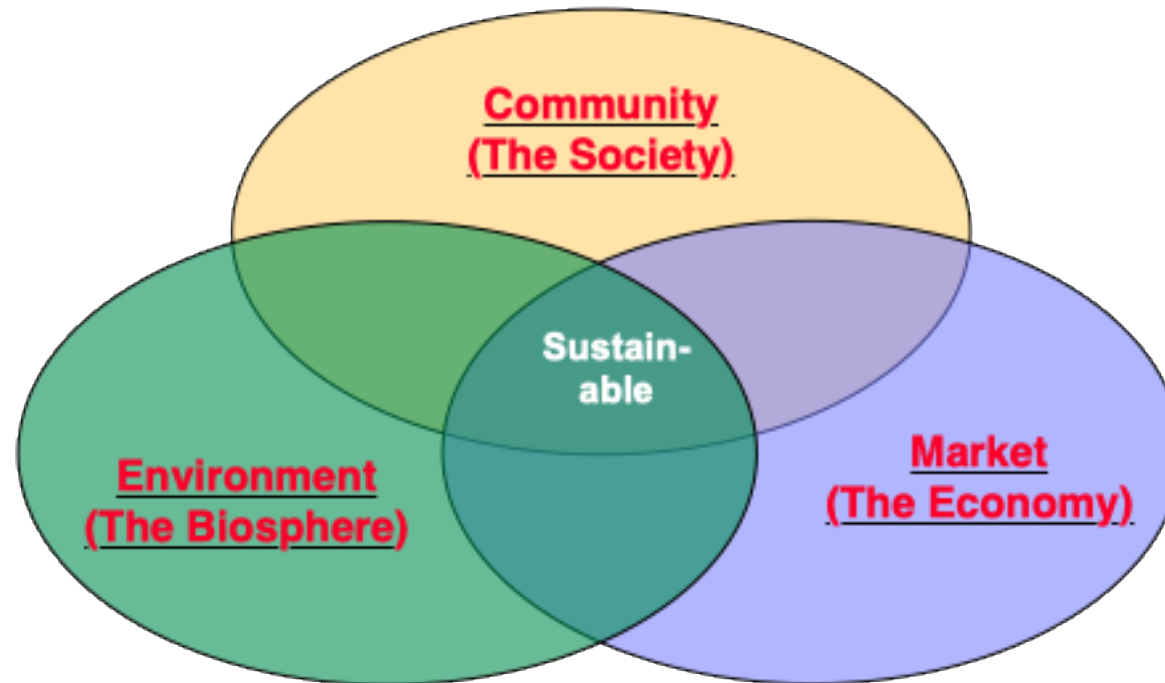
Main Challenges

- Communities (villages and towns) no longer have active connections to their surrounding natural areas
 - No longer farmers
 - No longer land-owners
 - No more experiences of working as a team
- Authorities view themselves as the solution-creators
- And the challenge as technological-practical rather than societal

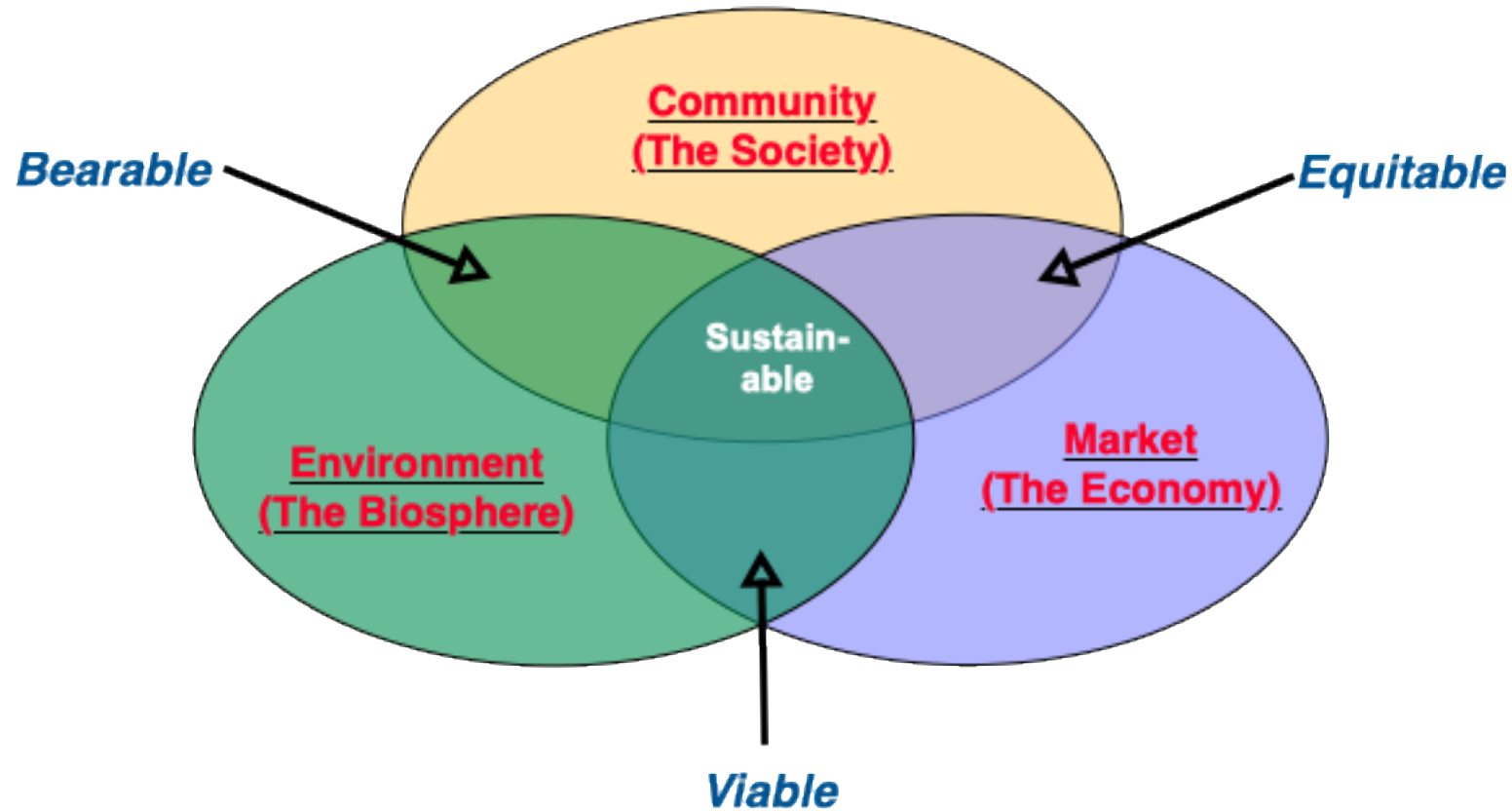
And:

- Laws, regulations and experiences do not «pull together»
- The larger part of forest properties have no known owner anymore
- The known owners have no influence over ‘un-owned’ land
- No formal willingness to discuss land-reforms

Sustainable Development



Sustainable Development

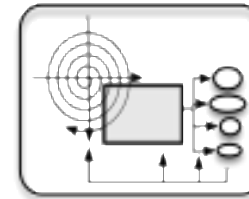


Sustainability

- Viable (can be done)
- Equitable (is worth doing)
- Bearable (seen as a rightful thing to do)
- All of them are **Normative**
(depending on our judgement)

Bearable

Equitable



Viable

Using what you already have!

Finding new value in existing assets!

Communities (groups) in general have access to more assets than they are aware of!

- The assets often can be the door-opener for participation
«look what we can bring to the table»
- The biggest challenge is to become aware of your own assets
- And – to make sure your assets are «for real»
 - *Of value in some way or another*

Citizen Science – A tool for Empowering

‘Traditional Citizen Science’ is used by outside or above actors to access the potential of local stakeholders

- To provide input (gather data)
 - i.e., Citizen science plays the role the Survey does in social science research

‘Strong Citizen Science’ is appropriated by the local stakeholders

- To enhance own strength and standing
- To become recognized as partners
- To take control and put your mark on the activities

Making Room

- An Environment prone to Participation (EU says so!)
- Identifying and presenting your asset (ABCD-method)
- Shoving their values or their applicability (CitSci)
- To carve out for yourselves a place 'at the table'

Conceptual model of Governance

