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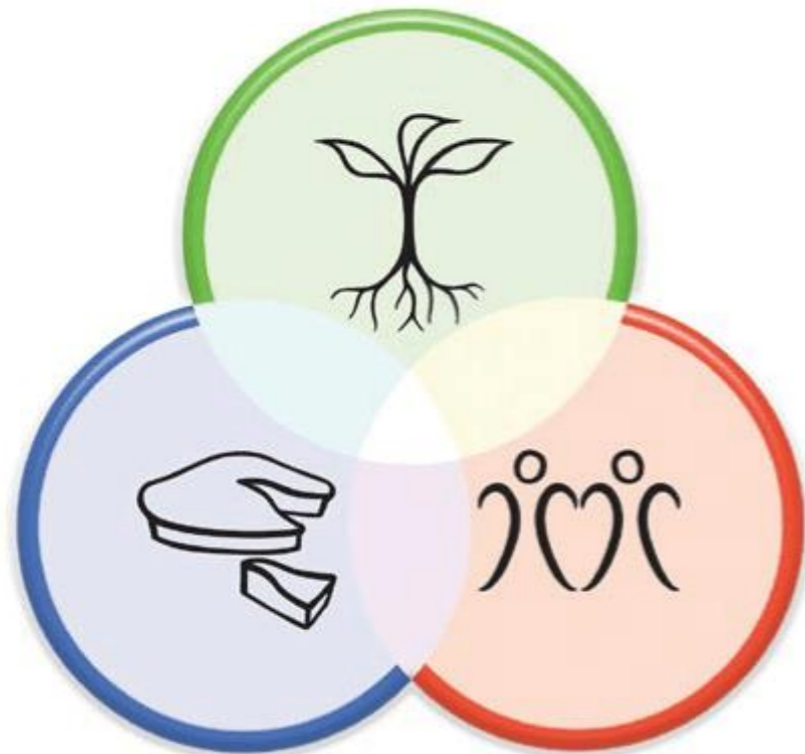
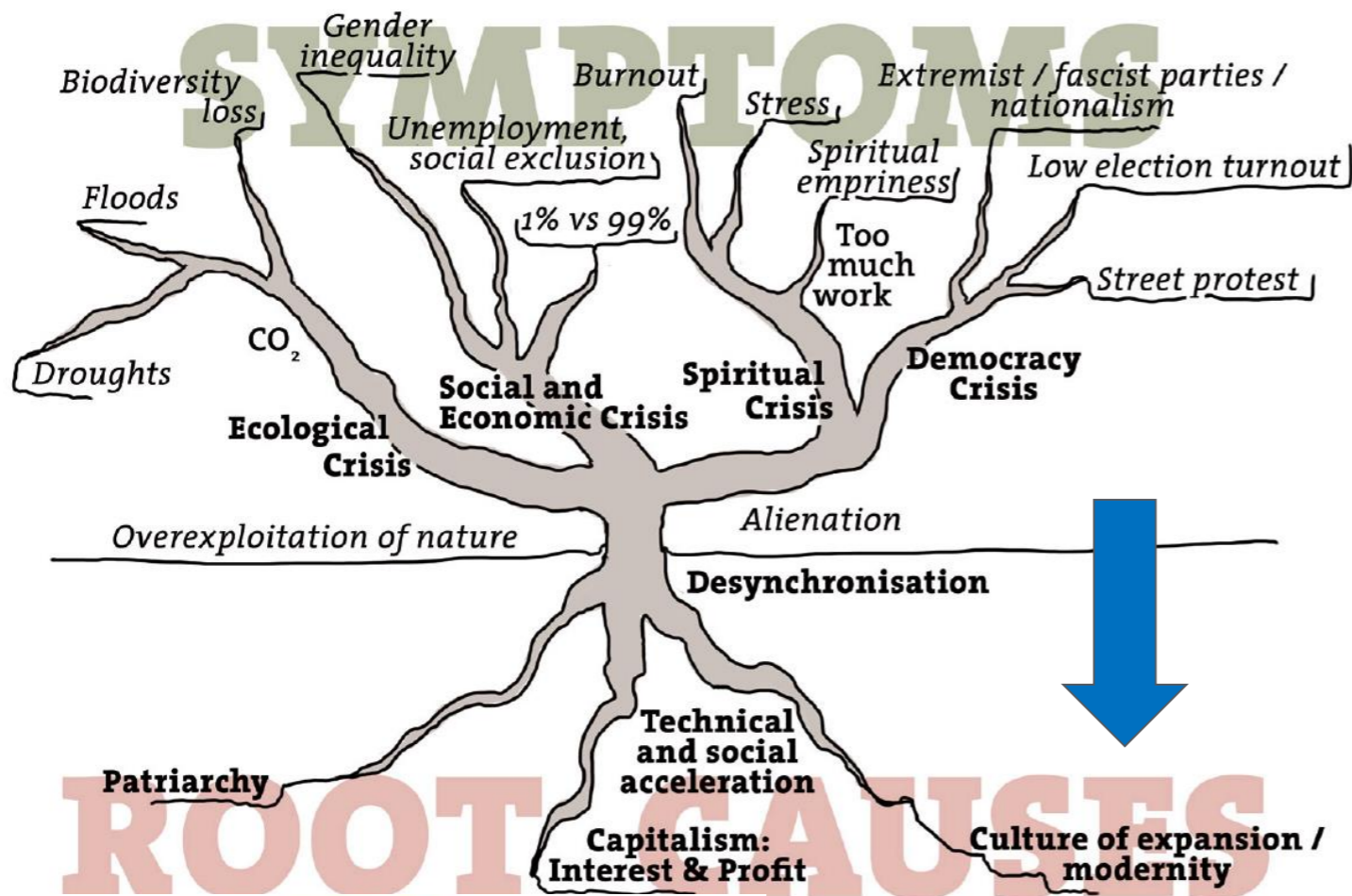
• EUROPEAN NETWORK
FOR COMMUNITY-LED
INITIATIVES ON CLIMATE CHANGE
AND SUSTAINABILITY

Monitoring Community Climate Action: Issues and Challenges

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3 ENRD Thematic Group meeting on Bioeconomy and Climate
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Action in Rural Areas. Brussels, Feb 19 2020

- **Systemic problems require holistic action**
- **Limited research on community initiatives shows substantial emissions reductions**
- **Why is ongoing monitoring so rare?**
- **The problems with top-down monitoring**
- **Need for collaborative approaches (e.g. SDG Local Platform)**



Key studies show significant impacts

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Recorded carbon footprints of ecovillage residents average 35% lower than national baselines
(Daly, 2017. *Local Environment* 22, 1358–1377)

Potential EU-wide reductions of 73%

<http://www.tess-transition.eu/>

Significant collateral benefits: social, environmental, economic

(<https://www.transitionstreets.org.uk/>; Mulder et al 2006. *Ecological Economics* 59: 13–23)



Ongoing (self)-monitoring is very rare

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www.lammas.org.uk

www.ecologicaland.coop



Scottish Climate Challenge Fund: tensions between aims and working methods of participating community initiatives and funder's need for quantitative measurements of emissions reductions achieved.

Platform for collaborative mapping of initiatives and monitoring of progress towards Sustainable Development Goals: <https://odslocal.org/>

The screenshot displays the ODS Local platform interface for the municipality of Coruche. The browser address bar shows the URL <https://odslocal.org/#/coruche/ods/1>. The interface includes a sidebar with 17 Sustainable Development Goal icons, a central map of Coruche with various initiative markers, a circular progress indicator for all 17 goals, and a detailed view for Goal 1 (Eradication of Poverty). The detailed view for Goal 1 includes a red banner with the text "1 ERRADICAÇÃO DA POBREZA" and a line chart showing the percentage of beneficiaries of the Minimum Guaranteed Income and Social Security Insertion Income relative to the total active beneficiaries from 2010 to 2016. The chart compares observed data (blue line) with a target score (orange line).

Mapping

Municipality

Monitoring

Ano	Observados (%)	Score (%)
2010	10.8	10.8
2011	10.8	10.8
2012	9.5	10.8
2013	5.5	10.8
2014	5.2	10.8
2015	5.2	10.8
2016	5.5	10.8

Supporting community initiatives to initiate and sustain ongoing monitoring efforts
Making activities of community initiatives visible and intelligible to municipalities and other local/regional stakeholders
Integrating diverse perspectives on climate change through joint action
Reconciling tensions between pressure to meet climate targets and need for more fundamental change in the longer term

