

EDITORIAL

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# Ecovillages and other community-led initiatives as experiences of climate action

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## Abstract

This editorial aims to clarify the role of community-led initiatives such as ecovillages in the global efforts to mitigate climate change. The response to the climate crises prefigured by these initiatives is based on relocalisation, cultural diversity and social empowerment. In this paper, we describe their commonalities, limitations and their potentials towards a decarbonisation of everyday life and the emergence of a decentralised and empowered civil society. We see community-led initiatives as laboratories and transformative learning fields on sustainable practices, interpersonal competencies, personal development, and the creation of plural ways of living, relating and knowing. We underline the need for greater recognition of community-led initiatives by scientific, economic and political actors in the framework of a concerted climate governance from the top-down and from the bottom-up.

## Editorial

That we need great and urgent changes at the global level in order to keep our planet liveable is, today, a rather uncontroversial fact. Everything becomes more controversial and political when we begin to discuss *how* to address the great challenges of our time, e.g. how to achieve and maintain a safe global average temperature. At one extreme is geoengineering and other technological fixes. It is attractive because it would require little changes in the *status quo*, but it is also fundamentally undemocratic and exclusionary (Sovacool 2021) and poses enormous known and unknown risks (Bodansky 2013). At the other extreme is the decarbonisation of daily life of people all over the planet. This alternative would require that people in different cultures and socio-ecological systems create their own sustainable solutions adapted to each context. There is no precedent for this type of change and no single entity can control it, but ecovillages and other community-led initiatives might be our best examples of efforts in this direction (Daly 2017; Schäfer et al. 2018; Sherry 2019).

Community-led initiatives (CLIs) are learning and experimental laboratories of how people can collaborate and live more sustainably (Roysen and Mertens 2019; Seyfang and Smith 2007). They include not only ecovillages, but also sharing schemes, community energy (Korjonen-Kuusipuro et al. 2017; Seyfang et al. 2013), Transition Towns (Feola and Butt, 2017; Seyfang et al. 2010), degrowth coops, community currencies (Seyfang and Longhurst 2013), co-housing projects (Mulder et al. 2006), and traditional communities from the Global South working with sustainability (Acosta 2016, Escobar 2010, Ungarelli 2009). What is common among all these initiatives is that they emerge from the bottom-up, are based on values of conviviality and commons (Helfrich 2015), and they prefigure “their vision of a future society through their ongoing social practices, social relations, decision-making philosophy and culture” (Monticelli 2018, p. 509). CLIs in general, and ecovillages in particular, experiment with alternative practices in construction, energy/water use, agroforestry etc. in their own locally adapted way, combining scientific and traditional knowledge, broadening the range of solutions available to specific socio-ecological contexts.

The world is facing a narrowing window of opportunity for effective climate action (Pörtner et al., 2022). While research has placed an emphasis on macro-level

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policies as well as economic and technological solutions, community-led initiatives have been addressed to a lesser extent and overlooked by leaders responsible for developing effective solutions to the climate crisis. However, there is a lot to learn from community-led experiments around the world, especially ecovillages. Since ecovillages are institutions in which public and private life fall together in one local space, the difficulties of social collaboration become more visible than in other institutional settings. In this sense, ecovillages are unique not only in their integration of sustainable and regenerative practices in different dimensions of life, but also in their particular focus on interpersonal competencies and personal development (Boyer 2016; Esteves 2020). Many problems we presently witness in the world are not caused by the lack of technologies, but by people's lack of capacity to live and work together, to take on their share of responsibility, to collaborate, to share resources and to co-create solutions with people from different cultural backgrounds. Although ecovillages are not perfect, they are experimenting and developing solutions in all these dimensions, and are thus incubators of innovations and learnings. Often ecovillages start with a CLI and generate smaller CLIs that go with their efforts beyond and above the ecovillage itself (Schwab 2020).

Many CLIs are also questioning dominant models of social life and proposing new and plural ways of living, relating and knowing. In the Global South, ecovillages and CLIs are building models of social life based on the *Buen Vivir* (the collective "good living" of indigenous cosmovisions), on communities' rights to their territories and on alternatives to development (Chaves et al. 2017, 2018; Escobar 2018). In the Global North, the notion of degrowth is articulating visions of radical societal transformation, with different kinds of institutions for the "relocalisation and reinvention of democracy" (Escobar 2018, p. 146). What brings these varied initiatives together is the promotion of relocalisation, local autonomy and proposals for profound transformations, not only in politics and economics, but also in breaking ontological divisions between nature and culture, and between individual and community. These initiatives thus point to the possibility of a pluriverse: a world where many worlds fit (Chaves et al., 2017; Escobar 2015, 2018).

CLIs are also important for addressing climate change because: (1) They use contextualised knowledge and practical experience, being better able to meet local demands than top-down approaches (Ergas 2010; Seyfang and Smith 2007). (2) Because they are locally appropriate, they result in more relevant and effective actions and more enduring outcomes (Pörtner et al. 2022; Wiczorek 2018). Finally, (3) because they are bottom-up they tend to be more inclusive, empowering and nurturing of alternative pathways to development (Feola,

2020; Höffken et al. 2021; Smith et al. 2014). They are, therefore, potentially powerful actors for a coordinated global action towards a decentralised and empowered civil society.

CLIs such as ecovillages can be regarded as incubators for other ways of being in a rapidly changing world. They make efforts to embed regeneration in daily social and cultural practices, and to create new models of well-being that are not so much attached to economic growth and consumerism (Roysen and Mertens 2019). In general, it can be said that they have lessons to share on how to be resilient in times of climate change and how to mitigate climate change on a local scale (Sherry 2019). Furthermore, these initiatives are creating knowledge on how to make decisions regarding common resources in a more horizontal way, and on how to build communities based on plural and diverse values and worldviews (Chaves et al. 2018; Wittmayer et al. 2019). Examples of education for sustainability can also be observed (Allen-Gil et al. 2005; Papenfuss and Merritt 2019; Roysen and Cruz 2020).

CLIs tend to be not only local but translocal (Avelino et al. 2020; Loorbach et al. 2020), in the sense that while being locally active, they are also connected to a global network of other locally-rooted initiatives. These translocal networks help them "build advocacy coalitions beyond the local", allowing them to engage with national and transnational actors, to lobby (trans-) national governments and to build alliances with other societal actors (Loorbach et al. 2020, p. 257). How these translocal networks of CLIs contribute to challenging frames and embedding sustainable practices in broader society remains under-theorised.

Ecovillages and other forms of CLIs face many challenges, such as problems with funding, and lack of access to certain skills and appropriate sustainable technologies. Due to their small scale and alternative norms and values, they may also have more difficulties translating their ideas to broader society (Seyfang and Smith 2007). However, many studies conducted in the past ten years have shown that ecovillages and other CLIs do influence society in many different ways, including through participation in local politics and partnerships with governments and other local groups (Bochinski 2015; Boyer 2015; Dias et al. 2017; Feola and Butt 2017; Ornetzeder and Rohrer 2013; Roysen and Mertens 2017; Roysen and Schwab 2021; Schwab 2020; Stüwe 2009). It is important, therefore, that these initiatives find ways to increase their interaction with other levels of climate action (regional, national and global) through partnerships and inclusive governance. Although it is common to dismiss these initiatives for being too marginal and for failing to attend to deeper structural problems (Smith et al. 2014), our view is that

they need more recognition and inclusion in governance for climate action, in the local, regional, national and global levels. In this urgent move towards concerted climate action, we need diverse, inclusive and collaborative action—from the top-down *and* from the bottom-up (Leach et al. 2012).

The goal of this special collection is to give more visibility to CLIs and to enhance our understanding of how their potentials can be strengthened and their limitations can be addressed. We want to catalyse the debate about the social, ecological, political, economic and cultural aspects of community-led climate action. Why do the behaviours and lifestyles of some CLIs diffuse beyond a community's boundaries while others do not? Why are educational initiatives developed by ecovillages more transformational than conventional ones, and how can these models be adapted and spread? How can municipalities collaborate with community-led initiatives to catalyse local transformations? Why, in many circumstances, does community-led entrepreneurship struggle to address the economic pillar of sustainability while succeeding in others? How can national policies support community-led climate action and the other way around? How can ecovillages become more diverse and inclusive? These are just a few of the many questions that must be answered if we want to foster climate actions that are culturally diverse, socially appropriated, locally rooted and community empowered.

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#### Authors' contributions

Both authors contributed equally to the design and writing of this paper. Both authors read and approved the final manuscript.

#### Declarations

#### Competing interests

Both authors declare that they are unpaid members of ecovillages and work as volunteers for the Global Ecovillage Network (GEN) Research Group. A-K.S. has also volunteered for the European network for Community-led Initiatives on Climate Change and Sustainability (Ecolise) until last year.

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