

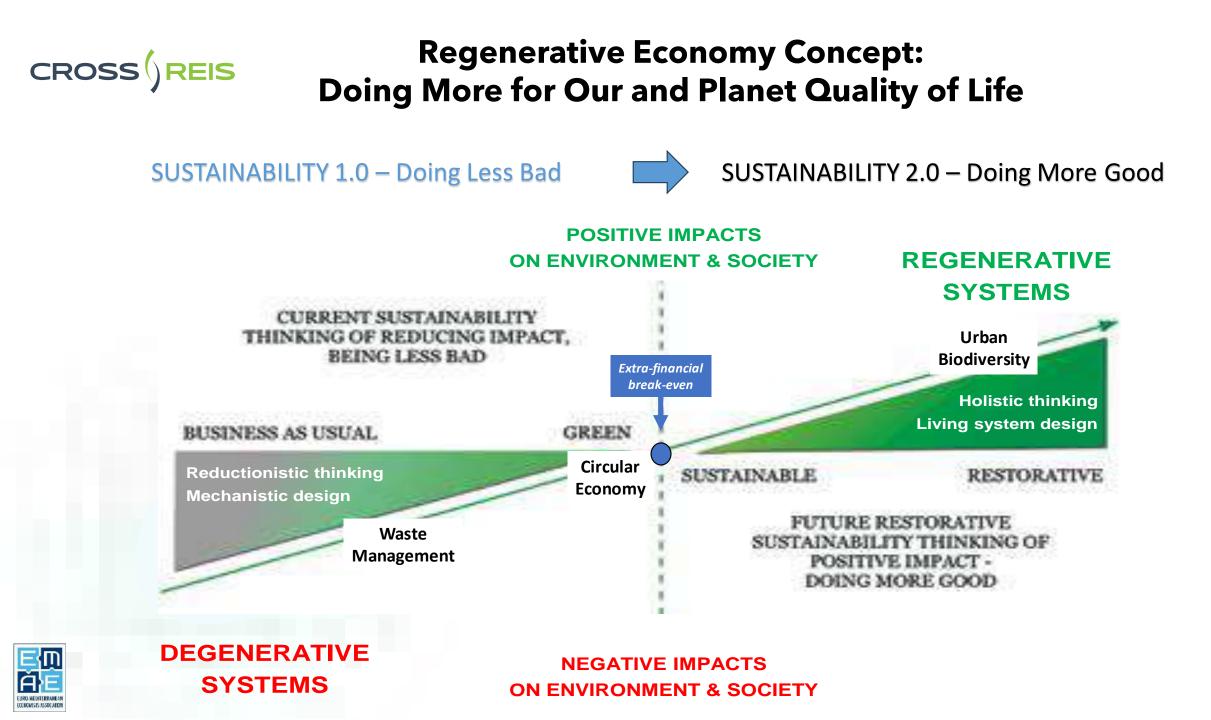
Panel

Empowering Long-Term Urban Resilience and Prosperity

Fostering A Regenerative Economy in European Cities

Panelist: Carlo Sessa - EMEA







Regenerative

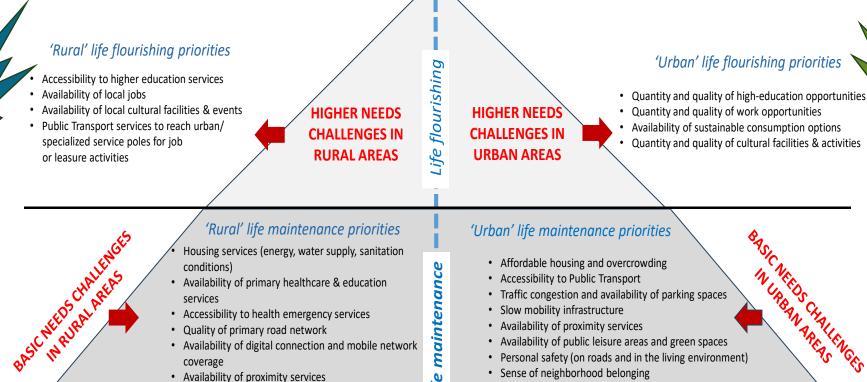
CONCWISTS ASSOCIAE

Quality of Life Enablers in Urban and Rural areas

(ESPON QoL applied research)

Integrating Territorial Quality of Life priorities in sectoral and spatial planning

(potential priorities for residents living in low/high density areas identified in the ESPON QoL Alpine Space study)



life

Quality of primary road network

- · Availability of digital connection and mobile network coverage
- Availability of proximity services
- Maintenance and health of land and water ecosystems
- Mitigation of/adaptation to climate change impacts and biodiversity losses

- Availability of public leisure areas and green spaces · Personal safety (on roads and in the living environment)
- Sense of neighborhood belonging
- Waste collection and street littering
- Air and noise guality
- Risks and impacts of heat/cold waves, strong storms, windstorms, floods

The ceneration

• Exposure to other health risk factors (insects, parasites, pandemics)

LOW DENSITY (Rural areas)



Regeneration: Ending the Climate Crisis in one generation

(by Paul Hawken: <u>www.regeneration.org</u>)



Nexus

We are a team creating the world's most comprehensive list of Solutions and Challenges that address the climate crisis and the regeneration of planetary ecosystems. We do not separate climate and nature. They are one thing. We do more than describe. Each Nexus entry explores what can be done on all levels of agency, including individual, community, classroom, city, company, and government. For each topic, we curate organizations that are actively engaged, describe actions that can be taken, link to educational opportunities, and provide examples of transformation. We work collectively and collaboratively and are here to share our research and discoveries with you.

Eliminating greenhouse gas emissions and bringing carbon back home from the atmosphere is crucial. But Nexus goes beyond tallying carbon. Solutions to the climate crisis include access to education, the restoration of human rights, honoring Indigenous ecological knowledge, social justice, gender equality, and ending political corruption and corporate malfeasance. Together, these changes encompass a profound, regenerative movement to restore life on Earth and bring humanity back into alignment with the living world.



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Regenerative practices and solutions in the ecosphere

(Source: <u>www.regeneration.org</u>)

Land

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Degraded Land Restoration Enhanced Weathering Freshwater Fungi Hemp Land Protection Pastoralism Rainmakers Forests Afforestation <u>Agroforestry</u> Bamboo **Boreal Forests** Fire Ecology Peatlands Proforestation **Tropical Forests**

Oceans **Coral Reefs** <u>Mangroves</u> Marine Protected Areas Seaforestation Seagrasses Seaweed Farming Tidal Salt Marshes Wilding Beavers Grasslands Insects Keystone Species Nature Connection Pollinators Rewilding Wetlands Wildlife Corridors

Food

Agroecology Animal Integration Aquaculture <u>Asparagopsis</u> Azolla Fern Clean Cookstoves Compost Food Apartheid Localization Perennial Crops Plant Diversity <u>Regenerative Agriculture</u> <u>Silvopasture</u> System of Rice Intensification Vermiculture Wasting Nothing Women and Food



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Regenerative practices and solutions in the technosphere

(Source: <u>www.regeneration.org</u>)

The City Buildings Carbon Architecture <u>Clothing</u> <u>Cooperatives</u> Fifteen-Minute City **Girls Education** Green Cement Nature of Cities **Net Zero Cities** Urban Farming **Urban Mobility Transportation Electric Vehicles** <u>Micromobility</u>

Energy Agrivoltaics Biogas Electrify Everything Energy Storage Geothermal <u>Green Hydrogen</u> Heat Pumps <u>Hydropower</u> Microgrids Onsets Solar Wave and Tidal Energy Wind

Other challenges

Banking & Finance Deep Seabed Mining Desertification **Global Fishing Fleets** Maritime Shipping **Migration** Offsets Palm Oil Plastics Politics Industry <u>Refrigerants</u> Ultra-Processed Foods <u>War Industry</u>



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