

BioHx / Aceaa / Gaia / Interdisciplinary Design & Research Workshop

At the convergence of regenerative, bio-based architecture and more-than-human interaction design

BioHx is an initiative for designing bio-habitats — for humans and more than humans. It brings together interdisciplinary design, academic research and cultural projects around one conviction: the built environment is not a container for human life alone, but a living, relational and interactive system shared with other species, materials and ecological processes, combining academic research, professional practice and European collaboration grounded in the New European Bauhaus values of *sustainability, inclusion and beauty*.

We collaborate through a flexible institutional model that enables participation in research, design, cultural, innovation and place-based initiatives. European collaborations may be developed through different institutional pathways:

- Architectural workshop studio (design and consultancy: **Jorge Caminero**, PhD)
- **Aceaa** (Cultural NGO for site-responsive Art and Architecture)
- **Gaia Research Group- Complutense University** and **Rey Juan Carlos University** in Madrid

We conduct interdisciplinary research at the **convergence of three research strands: bio-architecture, art and more-than-human interaction design**, reframing the built environment as a living, relational and interactive system — where humans, other species, materials and digital media co-shape space.

CONTACT

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RESEARCH CONVERGENCE

Our work extends regenerative material practice through **earth-based materials and more-than-human frameworks** — treating non-human beings and ecological systems as legitimate participants and co-designers, so that architecture is conceived as a bio-habitat.

CURRENT EUROPEAN ENGAGEMENT

Active participant in the New European Bauhaus community and the NEB Festival, registered European Commission expert, and selected for the NEB Mentors initiative. We are seeking partners for interdisciplinary NEB and Horizon Europe projects connecting regenerative design, art, heritage, technology and community-led place transformation.

EXPERTISE

- Regenerative architecture and ecological design for sustainable built environments
- Bioconstruction, circular construction and bio-based materials (earth, timber, straw bale)
- More-than-human, multispecies and interaction design — architecture as bio-habitat
- Site-specific art, performative archaeology and body-territory practices
- Traditional crafts, cultural heritage and contemporary material practices
- Biomaterials, digital fabrication, 3D scanning and prototyping

CONTRIBUTION TO NEW EUROPEAN BAUHAUS COLLABORATIONS

We are interested in multidisciplinary partnerships and project consortia that translate New European Bauhaus values into places, practices and demonstrators. We can contribute concept development, research, architectural and interaction design, pilot actions, artistic and cultural programming, co-design, stakeholder engagement and dissemination.

POTENTIAL AREAS FOR COLLABORATION

- Regenerative, circular and bio-based architecture
- More-than-human and multispecies design for shared habitats
- Site-specific art, landscape, cultural heritage, place-making and traditional crafts
- Biomaterials, 3D technologies, participatory co-design and community-based pilots