



MonXolo

Digital Compliance Infrastructure for Lifecycle Evidence and Circularity

WHO WE ARE

MonXolo is a UK-based, research-driven initiative building digital compliance infrastructure for regulated product and material ecosystems.

We focus on enabling verifiable lifecycle data, accountability, and trust across complex physical systems where sustainability claims must be proven, not declared.

THE PROBLEM WE ADDRESS

Many New European Bauhaus projects deliver strong sustainability intent at design and implementation level, but struggle to maintain verifiable performance over time.

Key gaps appear after delivery, during maintenance, repair, reuse, transformation, and long-term operation.

Without structured lifecycle evidence, projects face challenges related to regulatory compliance, funding accountability, auditability, and future reuse or scaling.

WHAT MONXOLO BRINGS TO NEB CONSORTIA

MonXolo provides a digital evidence and governance layer that supports:

- Digital Product Passports as compliance and lifecycle evidence instruments
- Traceability of maintenance, repair, reuse, and transformation events
- Structured data models aligned with EU regulatory frameworks including ESPR and PPWR
- Long-term accountability for publicly funded or impact-driven projects
- Readiness for audits, reporting, and future delegated regulatory acts

MonXolo operates as an infrastructure layer, not as a design, construction, or material solution provider.



WHERE WE FIT IN NEB PROJECTS

MonXolo does not design buildings, materials, or spaces.

We enable verification, governance, and lifecycle accountability for physical interventions delivered by architects, engineers, material innovators, and public actors.

Our role is to ensure that sustainability, circularity, and inclusivity remain measurable and defensible throughout the full lifecycle of assets and environments.

RELEVANT NEB THEMES

MonXolo is particularly relevant for projects focused on:

- Sustainable maintenance and repair of existing assets
- Circular reuse of spaces, materials, and components
- Long-term performance tracking of built environments
- Investment readiness and accountability for public and private funding
- Evidence-based transformation of neighbourhoods and infrastructures

WHAT WE ARE LOOKING FOR

We are seeking alignment with:

- Academic and research institutions
- Public bodies and NEB coordinators
- Consortia developing pilot or demonstrator projects
- Initiatives where digital evidence, compliance, and lifecycle governance are critical

Our interest is in early alignment, research collaboration, and consortium building for future NEB and Horizon Europe calls.

ORGANISATION DETAILS

Founder: Marius Dumitriu

Location: London, United Kingdom

Contact: founder@monxolo.com

