



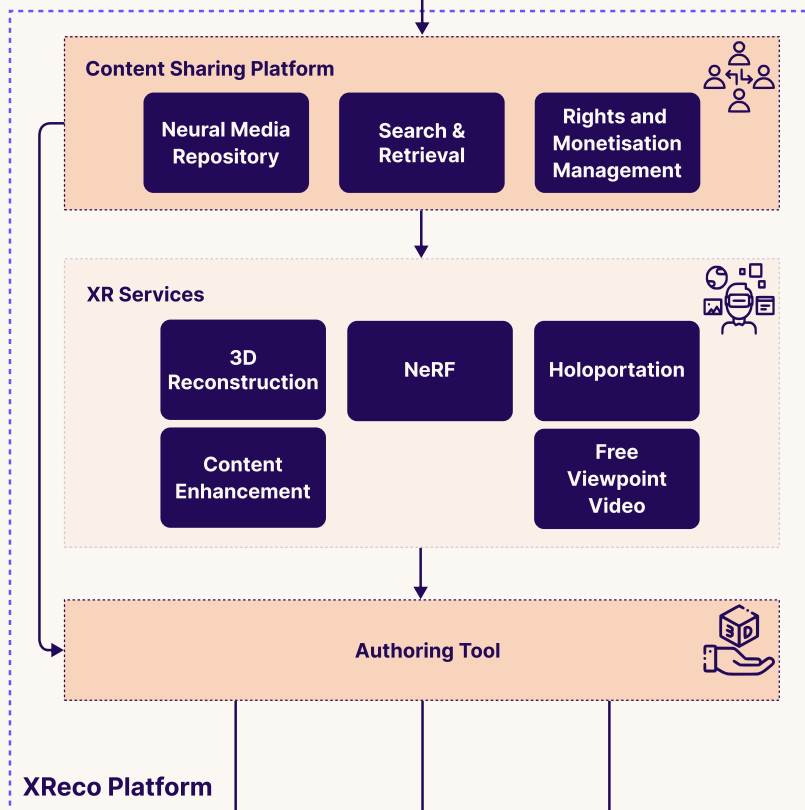
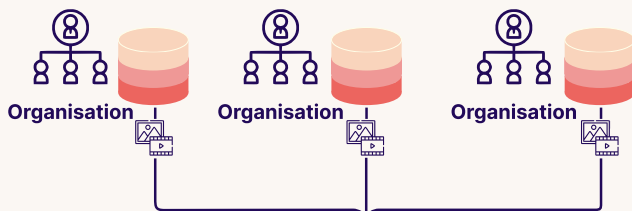
The ultimate XR content creation tool

Extended Reality Media Ecosystem

XReco is a project co-funded by the European Commission under the Horizon Europe program. Since 2022 we're creating a seamless and permissioned data driven XR ecosystem that enhances content access for media creators through state-of-the-art XR services, innovative data monetization and rights management policies.

XReco's mission is to redefine the utilization and integration of XR content within the media, tourism, and mobility sectors. Our vision focuses on simplifying XR content creation and integration, making advanced

technologies accessible to all. XReco is committed to enhancing human creativity to take a step towards a future where technology supports our professional and personal lives even more.



XR Ecosystem

The tech stack

Neural Media Repository

(NMR): AI-powered platform for advanced search and retrieval that supports the creation and supply of novel XR content.

Rights and Monetization

Management: Utilizes Blockchain to manage IP rights and monetization, ensuring fair content use and clear ownership.

3D Reconstruction: Neural Radiance Fields (NeRF)

Enables 3D scene creation from 2D images for novel XR content, facilitating immersive experiences.

Holoportation:

Offers real-time volumetric capturing for immersive remote experiences, providing a sense of presence in XR environments.

Free Viewpoint Video (FVV):

Allows immersive scene navigation and real-time rendering from any virtual camera angle, enriching XR storytelling.

Authoring Tools: Simplify XR content creation for media broadcasting and tourism with intuitive interfaces for content modification and generation.

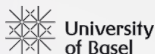
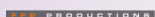
Benefits

- **Data organization made simple:** XReco's Neural Media Descriptors streamline your data organization for efficient searching.
- **Hassle-free asset use:** Enjoy easy rights management without the need for extensive rights holder searches.
- **Intuitive creation:** XReco's tools simplify your creative process, enhancing creation.
- **Flexible content sharing:** Share your creations effortlessly on or off the platform, enhancing access for all users.
- **Effortless monetization:** With XReco, rights and monetization management are covered, freeing you from additional concerns.

Consortium



Made for minds.



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