Key message

We have shown how rare disease research data can be made Findable, Accessible, Interoperable and Reusable (FAIR) whilst ensuring good data protection practices through semi-automated support for researchers.

Data protection problem!











Location and **time** from environmental data

Context from a person's rare disease

Data protection risk without effective anonymization

Our solution: an approach that yields data that can be published as open as possible!









Example data as a data table and a graph

Transparent metadata record as a graph

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Rare diseases: making environmental health studies' data as open as possible











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