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.

Support for publishing environmental health data as open as possible

Albert Navarro-Gallinad¹, Maria Christofidou², Fabrizio Orlandi¹, Nathan Lea², Dipak Kalra² and Declan O'Sullivan¹

Supervisory Panel: Mark Little (TCD) and Xavier Rodó (ISGlobal)

Data protection problem!











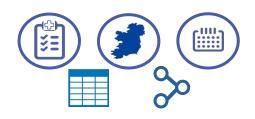


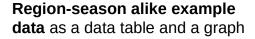
Location and **time** from environmental data

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!







Transparent metadata record as a graph

MCAA Annual Conference 2022













¹ ADAPT Centre for Digital Content, Trinity College Dublin, Dublin, Ireland

² The European Institute for Innovation Through Health Data (i-HD), Ghent, Belgium