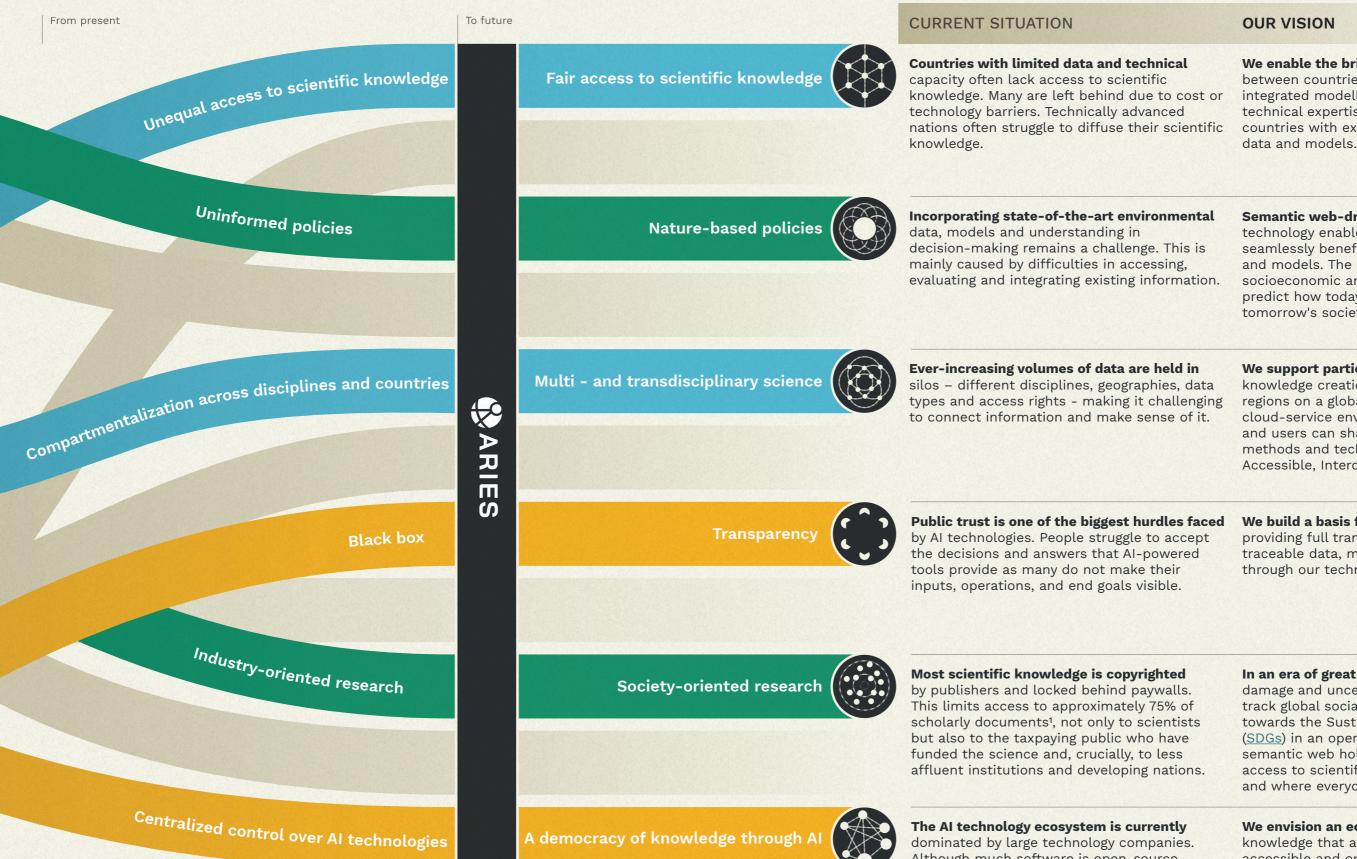
Our vision to take open science to the next level

Science, policy & society
 Open & shared knowledge

AI technologies











We enable the bridging of technical gaps between countries, by providing access to integrated modelling in countries with limited technical expertise and training, while allowing countries with extensive experience to share

Semantic web-driven environmental modelling technology enables decision-making to more seamlessly benefit from the best scientific data and models. The resulting understanding of socioeconomic and environmental trends helps predict how today's decisions will impact tomorrow's society.

We support participatory and collaborative knowledge creation across disciplines and regions on a global scale, through a cloud-service environment, where producers and users can share scientific knowledge, data, methods and technology that are Findable, Accessible, Interoperable and Reusable (FAIR).

We build a basis for more trustworthy AI by providing full transparency for replicable and traceable data, models, and methods used through our technology to obtain any results.

In an era of great environmental change,

damage and uncertainty, we provide tools to track global social and environmental progress towards the Sustainable Development Goals (SDGs) in an open way. At technologies and the semantic web hold the key to a future where access to scientific knowledge is free and open, and where everyone can benefit from it.

We envision an ecosystem of connected

knowledge that acts as a commons, enabled by accessible and open-source AI technology, driven by shared semantics, and implemented as a peer-to-peer, open solution that places users and their interest firmly in the centre.

Although much software is open-source, accessible and open-source AI technology access to data remains tightly controlled.

driven by shared semantics, and implementations are supplied to the controlled of the

¹Boudry et al. 2019; https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6825414/
Source: ARIES Interoperability Strategy (2021)