Global Research Data Infrastructures must be developed for harnessing the accumulating data and knowledge produced by the communities of research, optimizing the data movement across scientific disciplines, enabling large increases in multi- and inter- disciplinary science while reducing duplication of effort and resources, and integrating research data with published literature.

The final GRDI2020 roadmap offers several reflections to guide Europe's role in GRDI development:

1. Enable science ecosystems
2. Take into account the way science is organised and run, and the new tensions that GRDI will create in the research world.
3. Base GRDI on scientifically sound foundations
4. Define and implement better data models and query languages
5. Develop advanced data tools
6. Develop advanced infrastructure services
7. Support open linked data spaces
8. Support interoperability between science data and literature
9. Recognise that open science requires open data
10. Create a new international research community
11. Create new professions

Follow this link for the full version of the GRDI2020 Final Roadmap Report on Global Research Data Infrastructures: The Big Data Challenges.