In brief:
The social benefit of open research data
How does society profit from open data in research?
Open data improve the scientific process. They enable society to profit faster and more widely from science.

What are the benefits of open research data?

**Society**
- more Zitationen
- neue Kooperationspartner
- berufliche Anerkennung
- more citations
- new cooperation partners
- professional recognition

**Scientists**
- mehr Zitationen
- neue Kooperationspartner
- berufliche Anerkennung
- more citations
- new cooperation partners
- professional recognition

**Science Community**
- mehr Effizienz in der Forschung
- Wiederverwendbarkeit in der Lehre
- schnelleres Auffinden sinnvoller Daten
- Daten sind archiviert und erhalten für die Zukunft
- neue Forschung ist möglich
- more efficient research
- re-use in teaching
- easier to find useful data
- data archived and preserved for the future
- new research made possible

- Möglichkeiten für Citizen Science
- ökonomische Vorteile für die Privatwirtschaft
- wachsendes Vertrauen in die Wissenschaft
- Nachprüfbarkeit von Daten in Forschungsartikeln
- opportunities for Citizen Science
- economic benefits for the private sector
- growing trust in science
- validation of data in research papers
Result

Open research data render data-based research findings more transparent and verifiable. Re-use avoids unnecessary duplication and saves money. Linking up different open data sources also offers completely new research that was unthinkable before. Open Data speed up the work of researchers, as shown by the Ehec epidemic in Germany in 2011. Prompt sharing of data enabled doctors worldwide to participate in the fight against the bacterium and its effect. During the fight against the Ebola virus from 2014 to 2016, 93 scientists from 53 institutions in 16 countries shared different datasets.

How does the ZBW – Leibniz Information Centre for Economics support Open Research Data in economics?
The ZBW offers various services for economists:


2. research data management services:
   → assignment of persistent identifiers (Digital Object Identifier | DOI) for research data
   → implementation of a data centre for research data in economics and social sciences
   → development of a data journal for microdata
   → ZBW Journal Data Archive, a service for editors of economics journals
   → IREE, an online journal for replication studies and data descriptions in economics

Learn more about research data management in our videos:

https://www.youtube.com/watch?v=mzarug16N8U

https://www.youtube.com/watch?v=3JXAXirTrGI