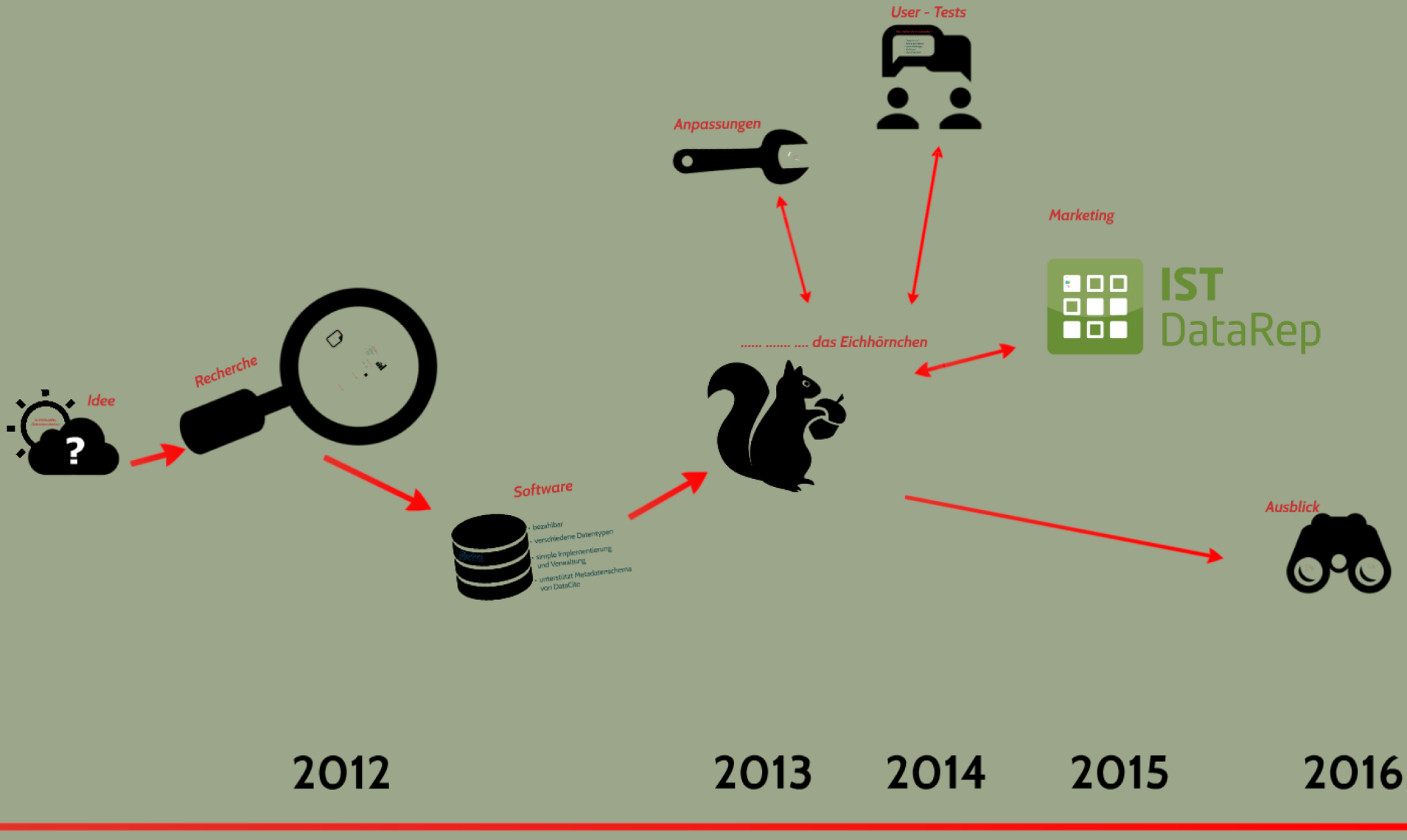


# Forschungsdaten Repository DataRep am IST Austria: Vorbereitung, Einführung, Ausblick



Vorbereitung

# Recherche



# *Bestandsaufnahme*

## *Forschung am IST Austria 2012*

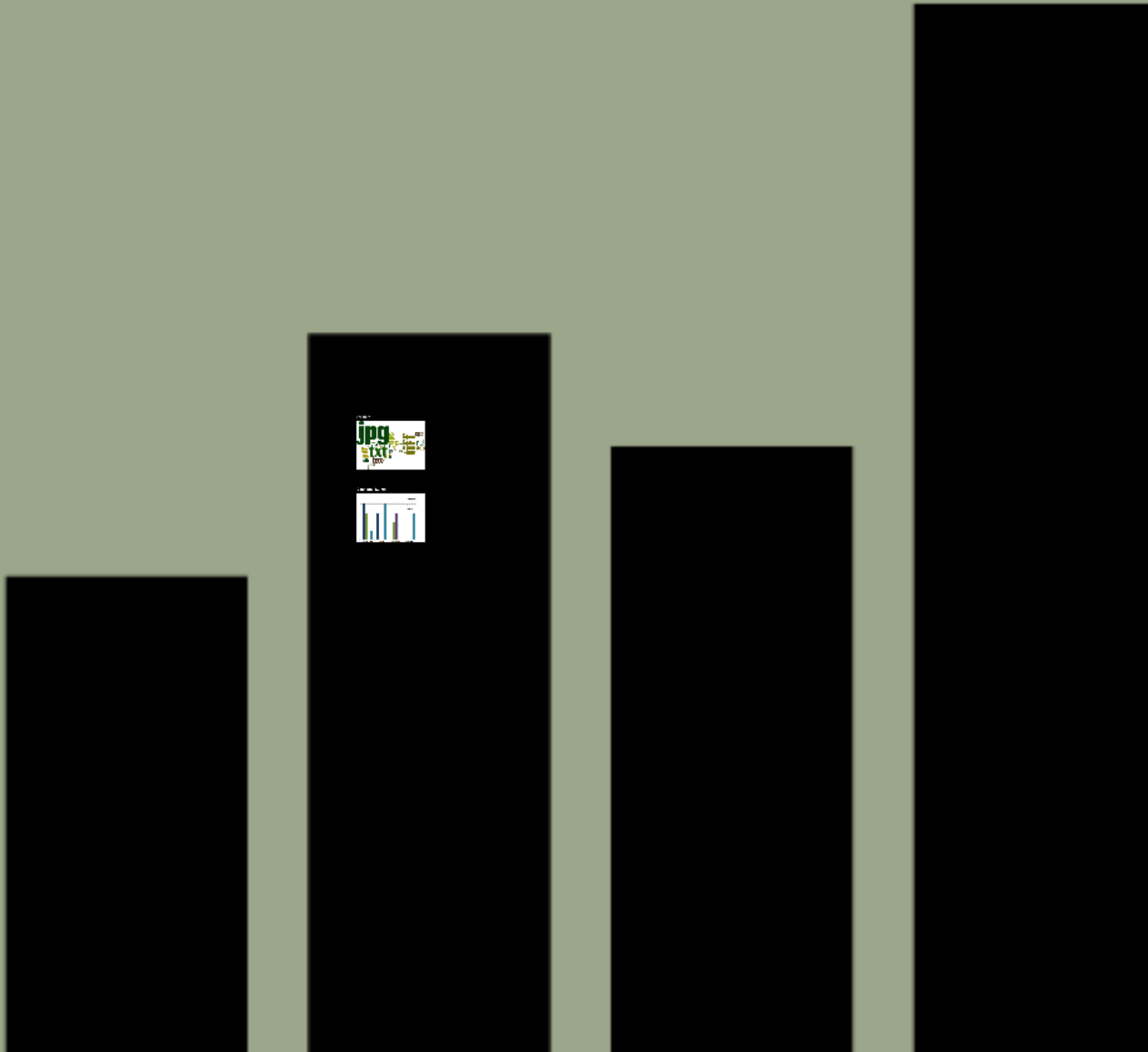
### *Fakten*

- 19 Forschungsgruppen
- 170 ForscherInnen
- Biologie, Neurowissenschaften, Mathematik und Informatik
- Grundlagenforschung

### *Umfrage*

- 19 Forschungsgruppen
- 100% Rücklaufquote
- Offene Fragestellung
- Online-Umfrage

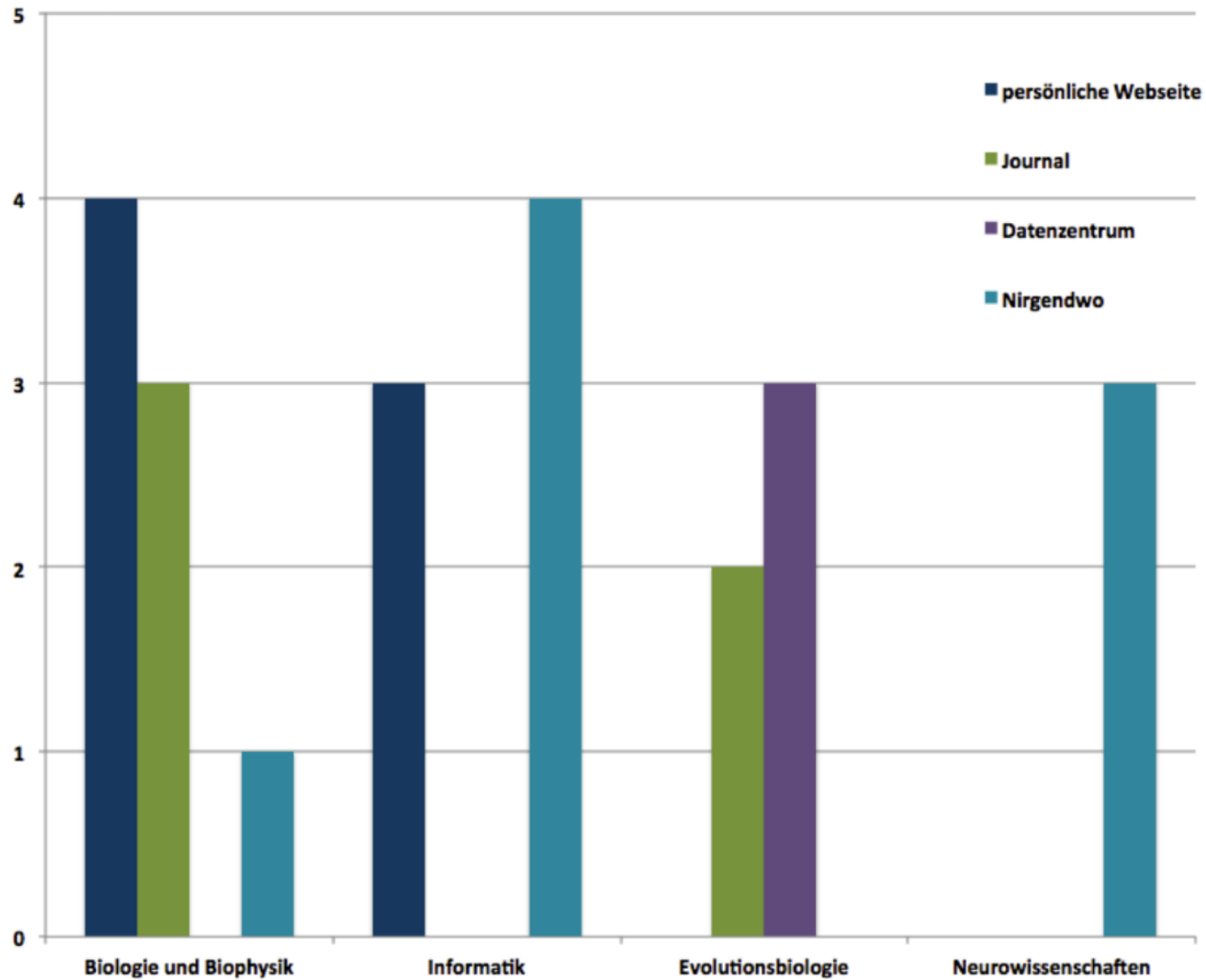
# *Ergebnisse*



# Formate



# Datenpublikation



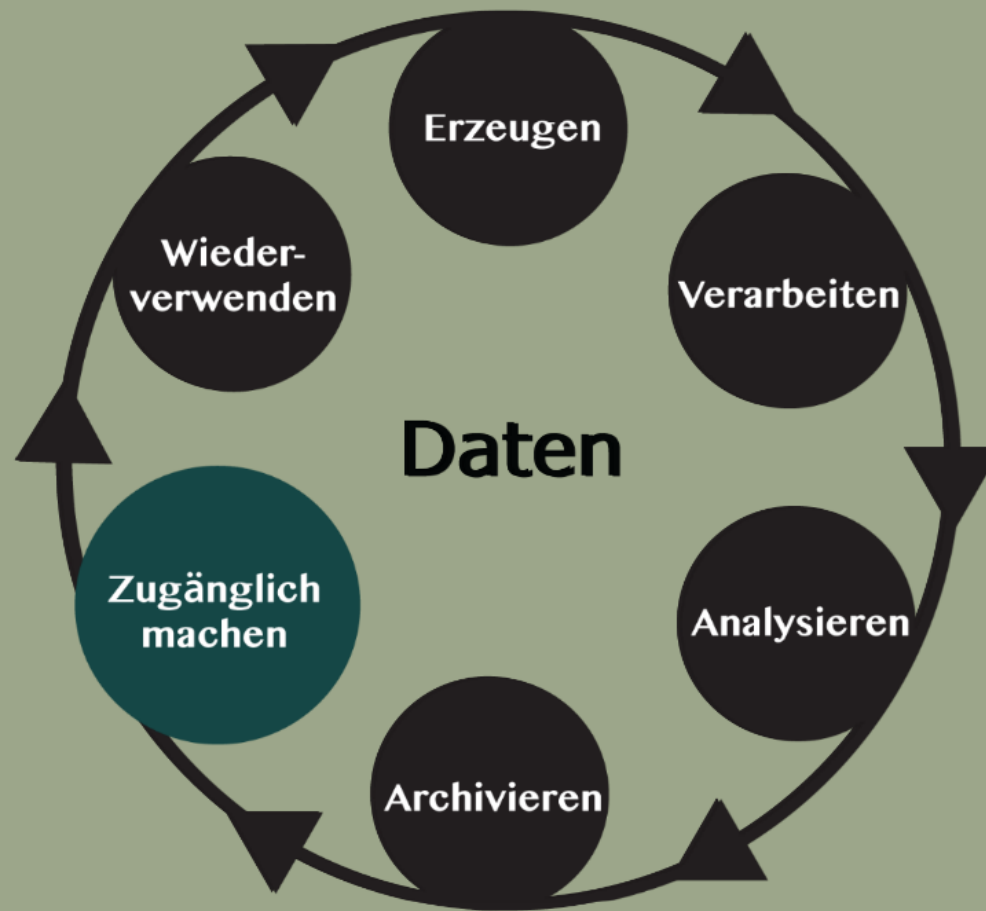
# *institutionelle Ressourcen*

Bibliothek: 0,25 FTE  
IT-Abteilung: 0,25 FTE





# *Konzept Forschungsdaten*



# Initiativen und Projekte

e-infrastructures  
austria



# *Projektberichte*

Porsche, Jana, 2012. Actual state of research data @ ISTAustria. Project Report. IST Austria.

Porsche, Jana, 2013. Initiatives and projects related to RD. Project Report. IST Austria.

Porsche, Jana, 2013. Technical requirements and features. Project Report. IST Austria.

[ist.ac.at/pubrep](http://ist.ac.at/pubrep)

# Software



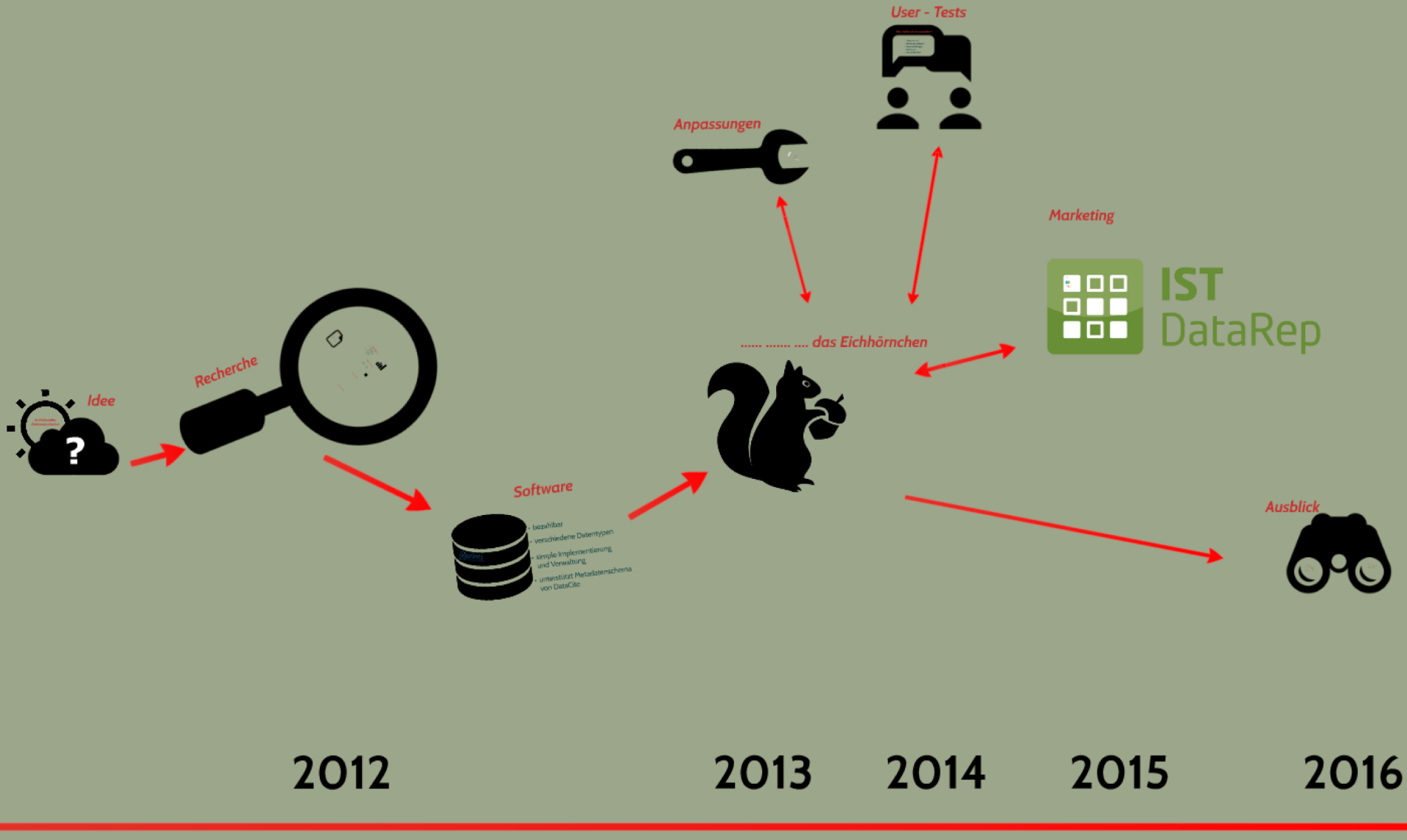
- bezahlbar
- verschiedene Datentypen
- simple Implementierung und Verwaltung
- unterstützt Metadatenschema von DataCite

- **Open Source**
- **Unterstützt verschiedene Formate**
- **Leicht zu implementieren und zu verwalten**
- **Entwicklung University of Southampton (seit 2001)**
- **Verbreitet**
- **GUI**
- **Erfahrung mit Produkt**

**NACHTEIL:** Konzipiert für Publikationen

**LÖSUNG:** Plug In von University of Essex

- **Unterstützt Metadatenschema von DataCite**



Einführung

# User - Tests



# Anpassungen

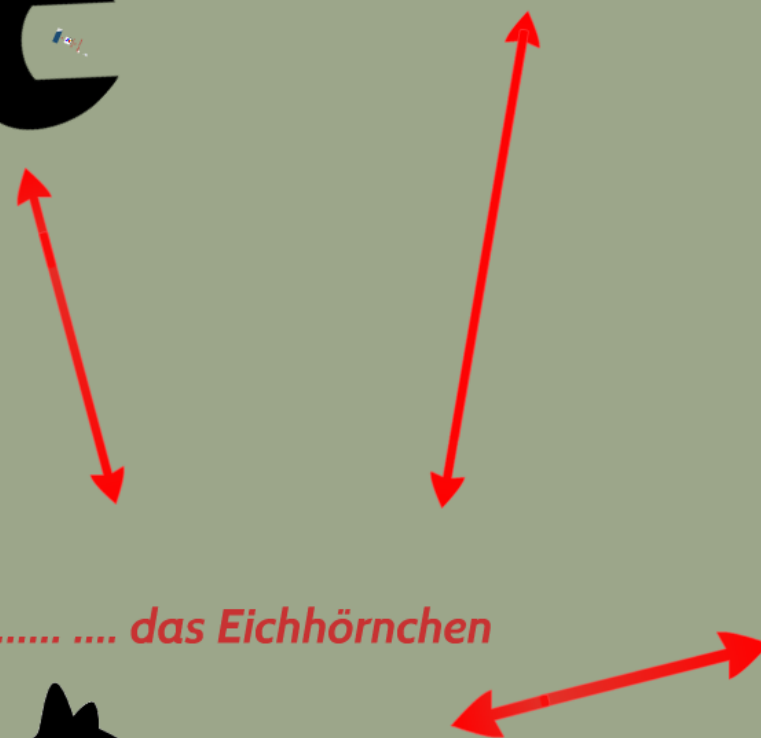


# Marketing



# IST DataRep

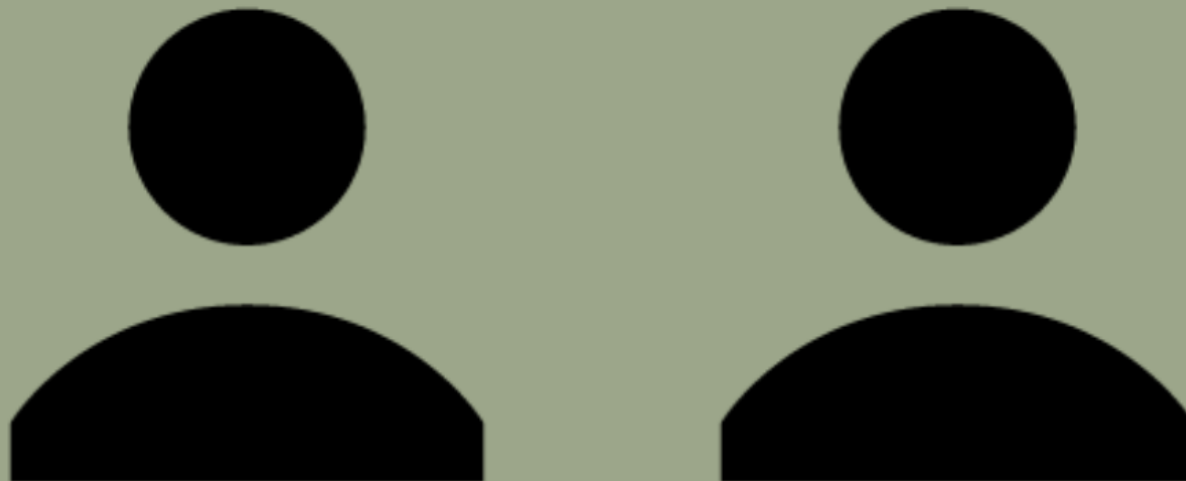
..... das Eichhörnchen



# User - Tests

*Was wollen die Forschenden ?*

- "Easy to use"
- Schnelles Upload
- Voreinstellungen
- Mehrwert
- Vernetzbarkeit

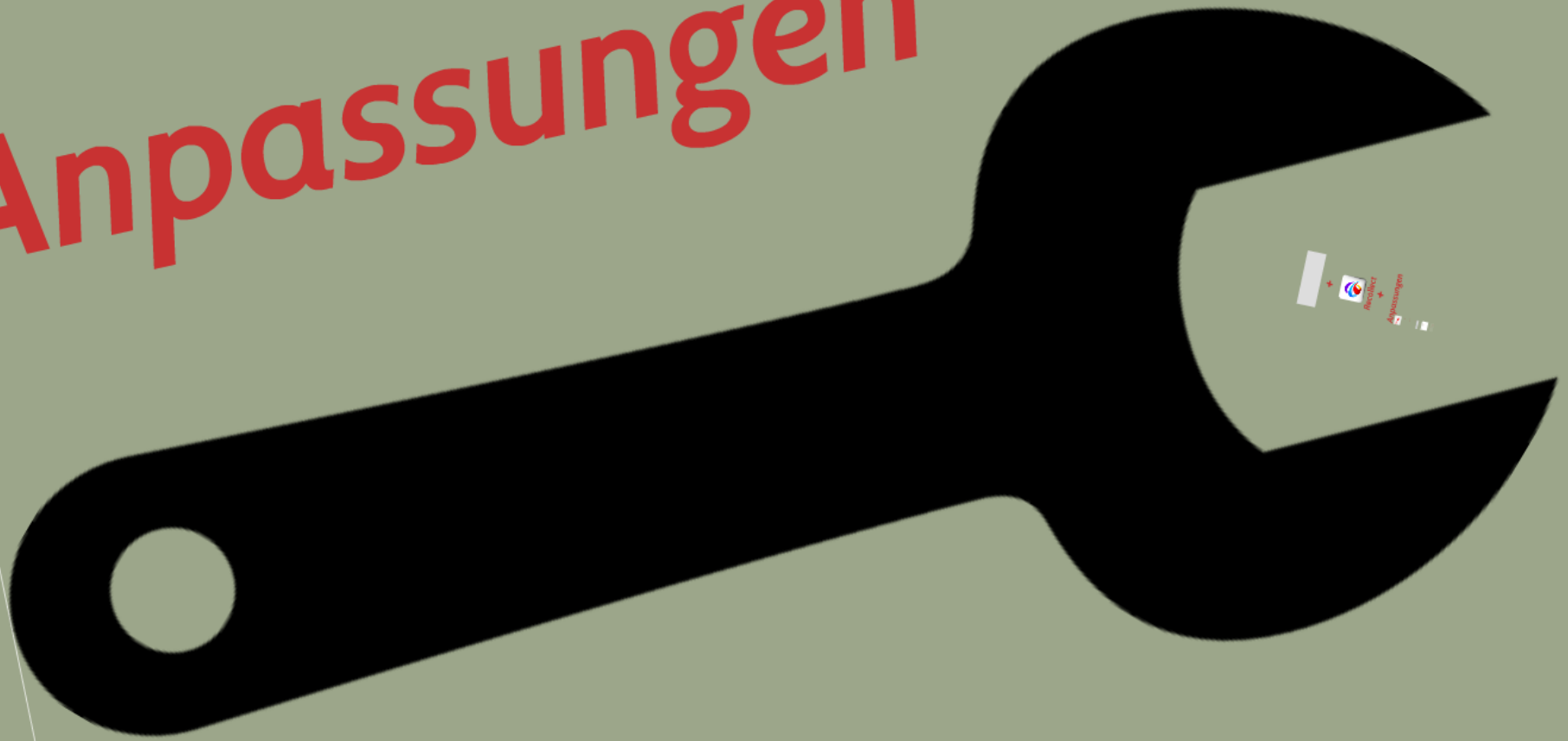




# *Was wollen die Forschenden ?*

- “Easy to use“
- Schnelles Upload
- Voreinstellungen
- Mehrwert
- Vernetzbarkeit

# Anpassungen





+



*Recollect*

+

*Anpassungen*



## Welcome to IST DataRep

Atom RSS 1.0 RSS 2.0

IST DataRep is an online digital repository of multi-disciplinary research datasets produced at IST Austria, hosted by the [Library](#).

IST Austria researchers who have produced research data associated with an existing or forthcoming publication, or which has potential use for other researches, are invited to upload their dataset for sharing and safekeeping. A persistent identifier and suggested citation will be provided.

[Add New Upload](#)

[I need help](#)

**Login**  
**Accountverwaltung über LDAP**

### Latest Uploads

1. Fellner, Andreas *Experimental part of CAV 2015 publication: Counterexample Explanation by Learning Small Strategies in Markov Decision Processes*. [Data Collection] (In Press)

IST DataRep supports [OAI 2.0](#) with a base URL of <https://datarep.app.ist.ac.at/cgi/oai2>


## Edit item: Data Collection #25

→  →  →

### Add a new file

**Browse** for your file and upload it to the repository.

You can also **drag the file** directly. This works only for the latest version of your browser.

The star  indicates a mandatory field.

*Hilfetext direkt am Eingabefeld*

File

From URL

Drop files here to begin uploading.

No file selected.

★ License:

Creative Commons: Public Domain Dedication – CC0 1.0 ▾

**Recommended licence**, which reduces legal and technical impediments to the reuse of data by waiving copyright and related rights to the extent permitted by law. Is used as **default standard by leading research data repositories**. [License summary](#)

*Voreinstellung + Empfehlung:  
Public Domain*

Creative Commons: Attribution 3.0 – CC BY 3.0 ▾

Enables sharing and adapting of data if the author is being attributed. [License summary](#)

Creative Commons: Attribution – Share Alike – CC BY SA 4.0 ▾

Enables sharing and adapting of data if the author is being attributed and altered, transformed or build upon data must be distributed under the same licence. [License summary](#)

*Texte gekürzt*

Creative Commons: Attribution – Share Alike – CC BY SA 4.0 ▾

Enables sharing and adapting of data if the author is being attributed and altered, transformed or build upon data must be distributed under the same licence. [License summary](#)

## ★ Creators

Enter names and details of creators (or authors) in the format indicated below. If this data collection has been published, all authors should be listed here.

Example: [Smith] [John] [john.smith@ist.ac.at]

Example: [Jessica Brittany] [Smith] [jbrittany.smith@ist.ac.at]

	Family Name	Given Name / Initials	Email	Research Group
1.	<input type="text" value="Chester"/>	<input type="text" value="Willard"/>	<input type="text" value="chester.willard@ist.ac.at"/>	<input type="text" value="Lemeshko Group"/>

## ★ Contact Email Address

The contact email address for this item. If the full-text is not available to the public, then requests to view the full-text will be sent to this email. The email address will not be made public.

## ★ Resource Language

Enter language of any written material in the data collection.

Please enter any language code according to [http://en.wikipedia.org/wiki/ISO\\_639-1](http://en.wikipedia.org/wiki/ISO_639-1)

## ★ Publisher

1.

## ★ Type:

Please select the type of file format.

Dataset/Table  
Image  
Video  
Archive  
Text  
Slideshow  
Other

## ★ Subjects

Select one or multiple categories that this research best correlates with.

Please note that there may not be a perfect fit for your particular subject area - select the closest match or a high level term.

- 000 Computer science, knowledge & general works
- 500 Science
- 600 Technology

*Fachgebiete am IST Austria*

## ★ Subjects

Select one or multiple categories that this research best correlates with.

Please note that there may not be a perfect fit for your particular subject area - select the closest match or a high level term.

- 000 Computer science, knowledge & general works
  - 000 Computer science, knowledge & systems
  - 010 Bibliographies
  - 020 Library and information sciences
  - 070 News media, journalism and publishing
- 500 Science
  - 500 Sciences
  - 510 Mathematics
  - 520 Astronomy
  - 530 Physics
  - 540 Chemistry
  - 550 Earth sciences and geology
  - 560 Fossils and prehistoric life
  - 570 Life sciences; biology
  - 580 Plants
  - 590 Animals (zoology)
- 600 Technology
  - 600 Technology
  - 610 Medicine and health
  - 620 Engineering
  - 630 Agriculture
  - 640 Home and family management
  - 650 Management and public relations
  - 660 Chemical engineering
  - 670 Manufacturing
  - 680 Manufacture for specific uses

*3. Ebene manuell hinzugefügt*



## ★ Original Publication Details

★ Status:

Please select the current status of related publication.

- Published
- In Press
- Submitted
- Unpublished

DOI:

Related publication DOI

*DOI Feld für zugehörige Publikation*

URL:

Related publication URL

## ☰ Data DOI

DOI of this Data Collection

*DOI Feld für Daten*

*Marketing*



IST

DataRep

# Want to speeeeeeed up your science?



Do you have **research data** related to publications?

- 🚀 **Get credit** for them through citation.
- 🚀 **Share** them with the world and **enable reuse**.
- 🚀 Get secure **back-up**.
- 🚀 **Fulfill funding requirements** for the publication of research data.

Take this opportunity and participate in a pilot for a new research data institutional repository at IST Austria.  
**Individual support** will be provided.

Further information and registration under [jana.porsche@ist.ac.at](mailto:jana.porsche@ist.ac.at) or ext. 1080

# IST AUSTRIA DataRep



?

What is IST Austria DataRep?

It is an online repository, maintained by IST Austria, which you can use to store and share your research data.

?

Why should I publish my research data?

To meet the demands of many funders, it is necessary to make your data freely accessible by uploading it to a data repository. It also supports OA, research efficiency and verification of the search results.

?

Who can access my data?

The data stored in the IST Austria repository will be accessible for everyone, unless you decide to restrict the access.

?

How can I protect and preserve my research data?

The IST Austria repository offers you a local and secure backup of your data. This minimizes the risk of data loss and helps to save and discover research data fast and easily.

?

Who helps me to manage my research data?

An online guide will lead you through the uploading process of your data and the IST Austria library staff will support you if you have questions.

## BENEFITS



Many funders (ERC, FWF, DFG,...) demand open access to research results. By providing your data through the IST Austria repository, you will be able to fulfill their requirements and enable verification of data.



The repository is especially tailored to your needs. The upload is fast, easy and user-friendly.



The IST Austria data repository provides your uploaded data with a permanent identifier which ensures easy citation for others.



Secure backup facilities minimize the risk of your personal data loss.



Uploading your data to the repository will help other researchers to discover your results fast and easily. It enhances your reputation among the scientific community and supports the progress of research.

## SERVICES

The IST Austria library staff will be happy to support you with the uploading process of your results, if needed.



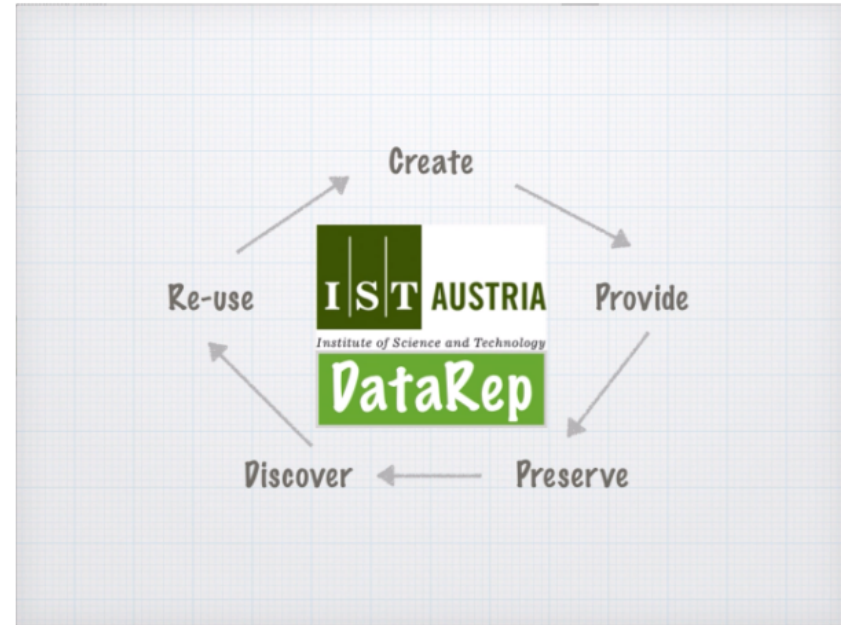
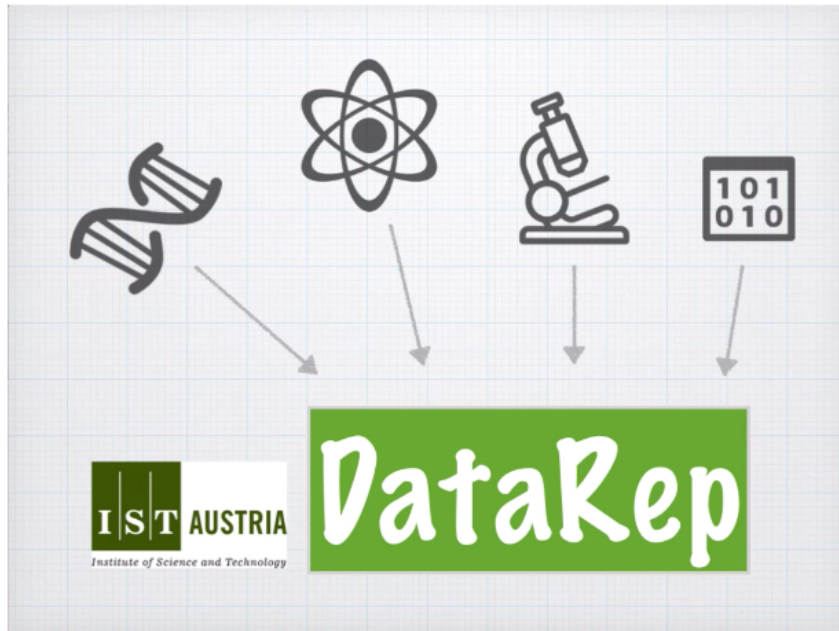
You will be provided with a user-friendly online guide and an overview of the policies.



The library staff will help you with legal and ethical questions concerning your data.



# 60" Spot



## What about your data?



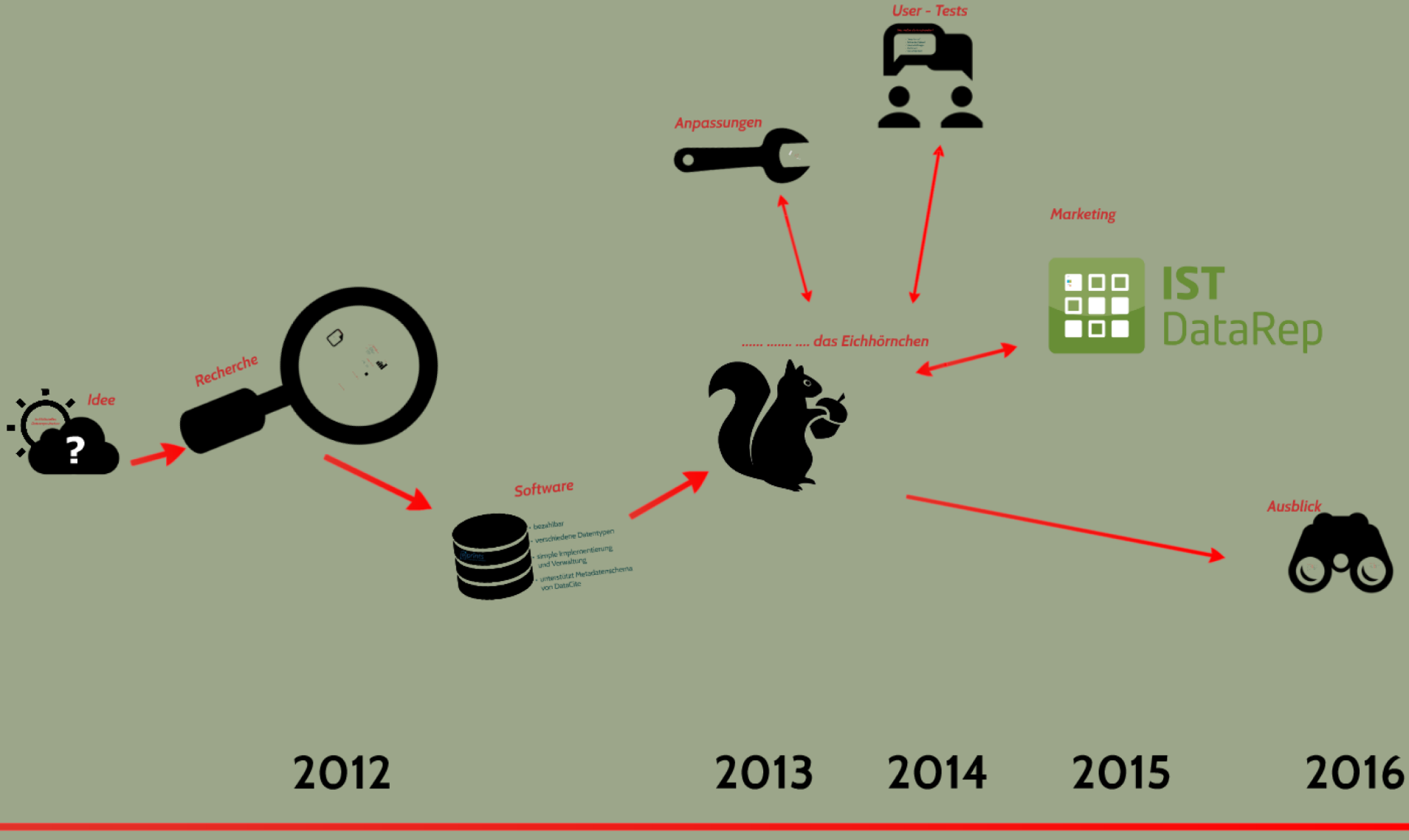
## Your data has to be...

Easily accessible

Recognized by funding organizations

Secured by backup facilities

Ready for easy citation and re-use



Ausblick

# DataRep Pilot

- DataCite  
manuelle DOI Registrierung



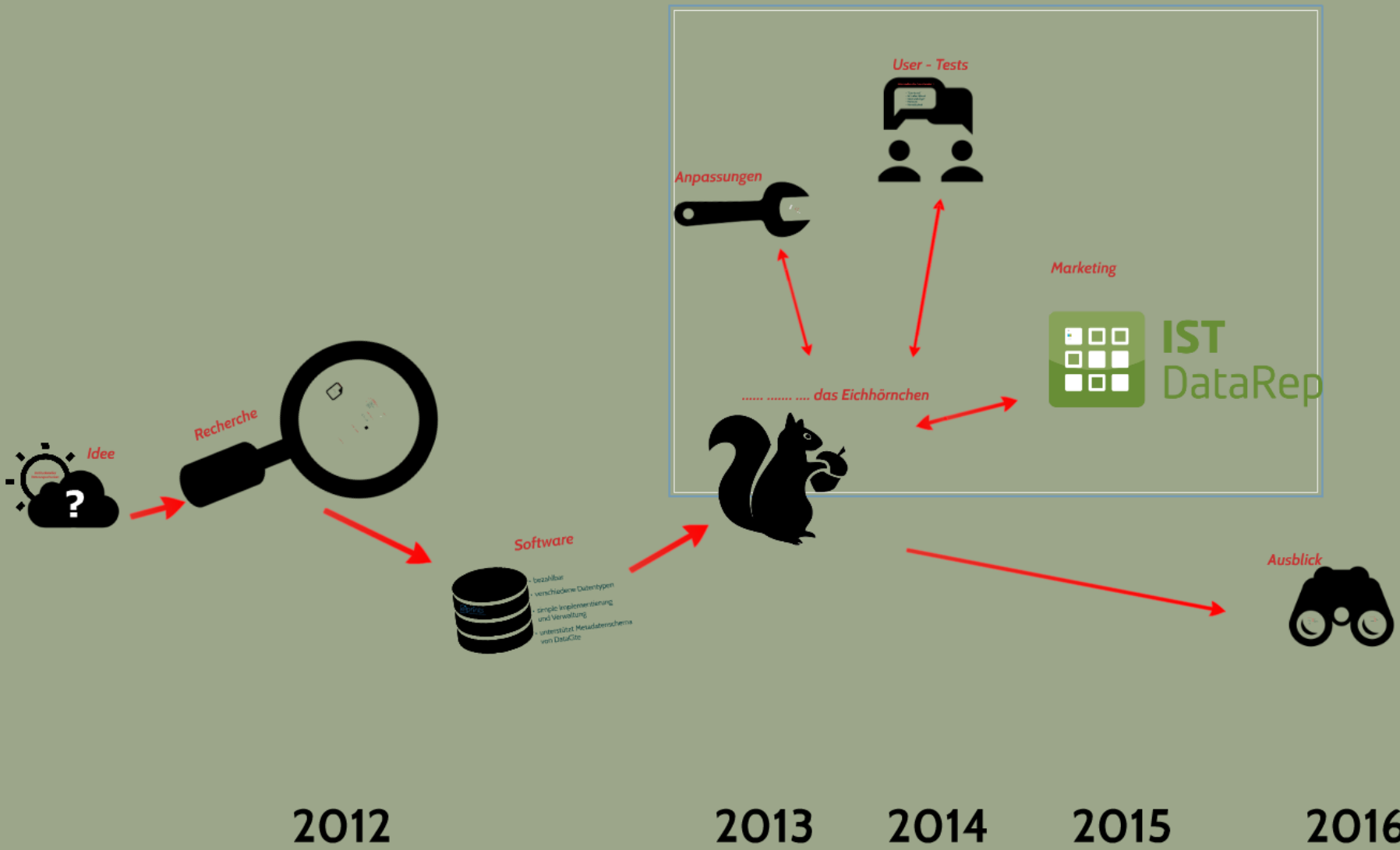
Registrierung automatisiert  
über API

- EUDAT  
DataPilot Antrag



API Schnittstelle für B2Safe  
und B2Find  
Backup, Langzeit-  
archivierung + vermehrte  
Sichtbarkeit

- Repository Policy
- Dokumentation
- Checkliste
- RDM - Guide



Vorbereitung

Einführung

Ausblick





**AUSTRIA**

[ist.ac.at/library](http://ist.ac.at/library)

Library

[barbara.petritsch@ist.ac.at](mailto:barbara.petritsch@ist.ac.at)  
[repository.manager@ist.ac.at](mailto:repository.manager@ist.ac.at)