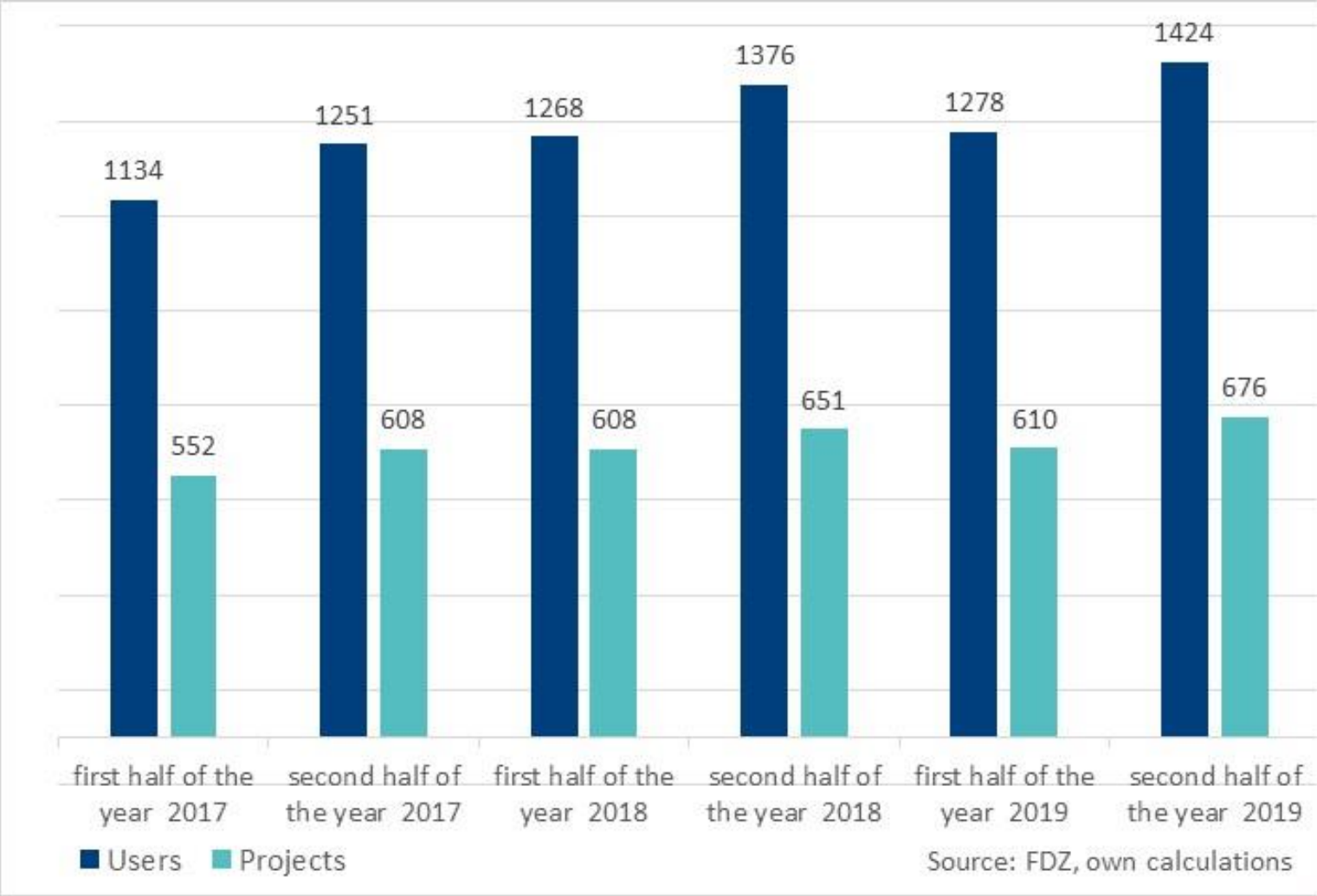# REMOTE ACCESS – A LOOK INTO THE FUTURE

8. KSWD

Session: Remote Access zu den amtlichen Mikrodaten – Europäische Einblicke

März 3, 2020

Dana Müller

NUMBER OF USERS AND USERS' RESEARCH PROJECTS

Source: FDZ, own calculations

|	first half of the year 2017	second half of the year 2017	first half of the year 2018	second half of the year 2018	first half of the year 2019	second half of the year 2019
Users	1134	1251	1268	1376	1278	1424
Projects	552	608	608	651	610	676

LEGAL BARRIER FOR REMOTE ACCESS (DESKTOP) UNTIL MAY 25, 2018

- §67 Abs. 6 Nr. 3b SGB X

- (6) Processing is the storage, modification, transmission, blocking and deletion of social data. In particular, regardless of the procedures used, …
  - No 3. communicate to a third party the disclosure of social data stored or obtained through data processing in such a way that
    - (b) the third party accesses or retrieves data held for inspection or retrieval
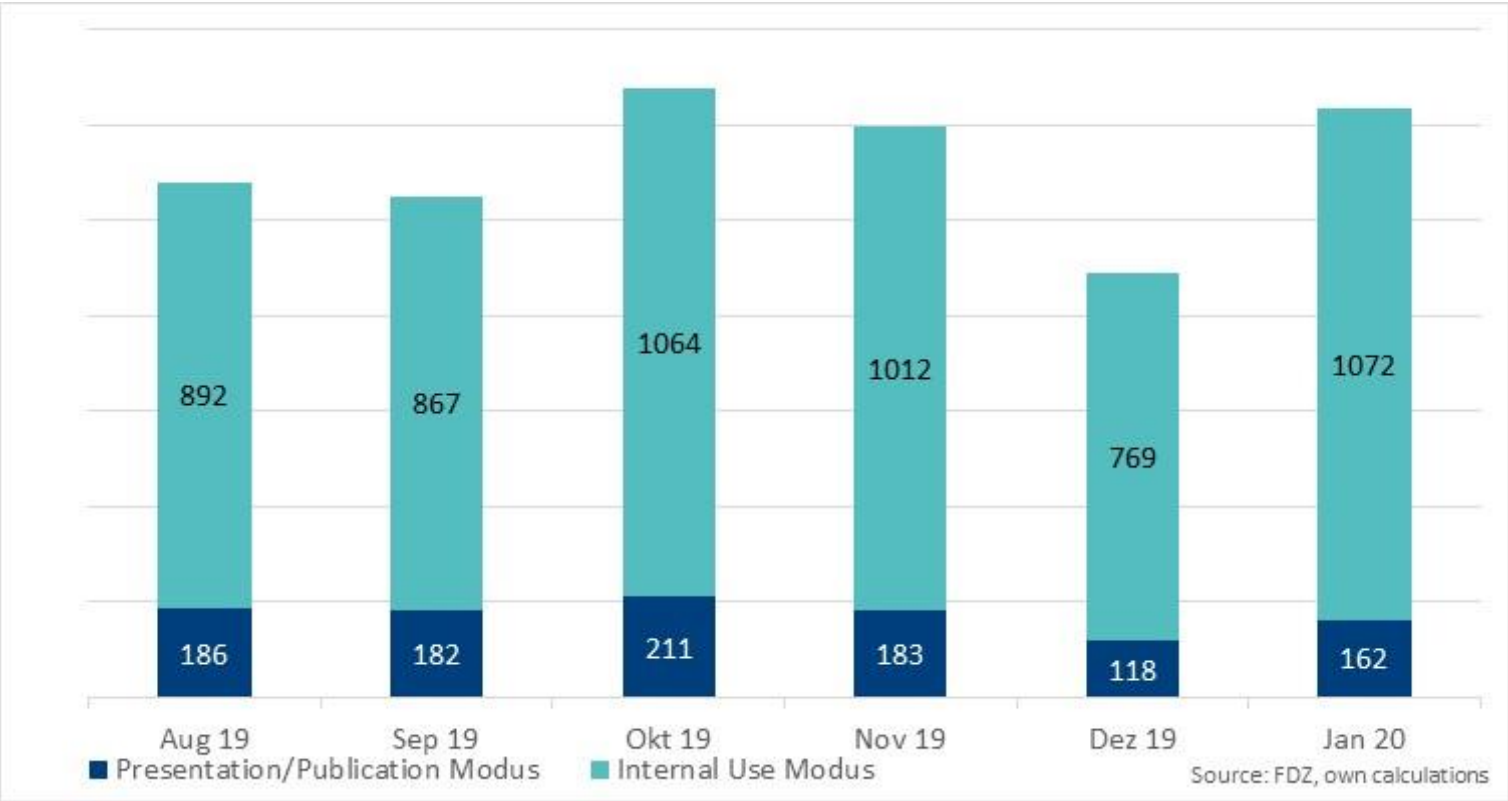
WHAT HAVE WE ACHIEVED SO FAR?

ON-SITE USE: REMOTE ACCESS CENTRES (SAFE ROOM)
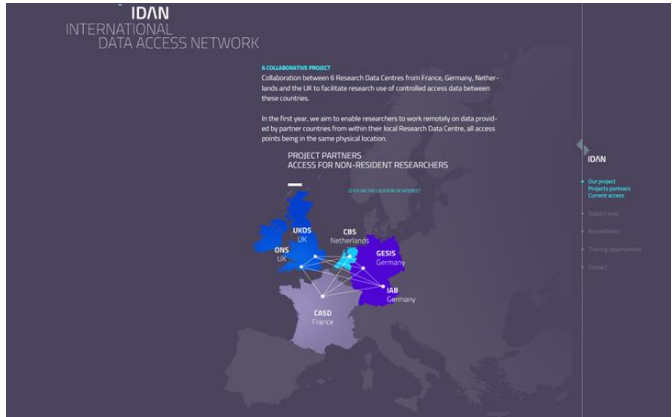
REMOTE EXECUTION: JOB SUBMISSION APPLICATION

Developed by the Institute for the Study of Labor (IZA)

REMOTE ACCESS - WOULD BE BETTER, BECAUSE

- From the researchers' point of view
  - Only one JoSuA job per user, per day (Update JoSuA coming soon, three internal jobs possible)
  - Using testdata to prepare program code
  - travel expenses for on-site use

- From the Research Data Centre point of view:
  - Organizational matters for on-site use
  - A lot of manual disclosure reviews

WHAT ARE WE PLANNING?

LEGAL BARRIER FOR REMOTE ACCESS (DESKTOP) UNTIL MAY 25, 2018

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IMPLEMENTATION OF REMOTE ACCESS

Legal Aspects	**Infrastructure**	**Users**

Timeline: 3 years expected

IMPLEMENTATION OF REMOTE ACCESS

- Legal Aspects
    - Discussion with data security officers
    - rules, adjustment of user agreements

- Infrastructure
    - Basically, prepared for remote access
    - Preparation for 24/7 remote access (more virtual server) vs. office hours
    - Secure authentication (biometrical, finger print, token)
    - Replication of do-files via JoSuA

- Users
    - (Video)Tutorials on data confidentiality, data preparation

Test balloon
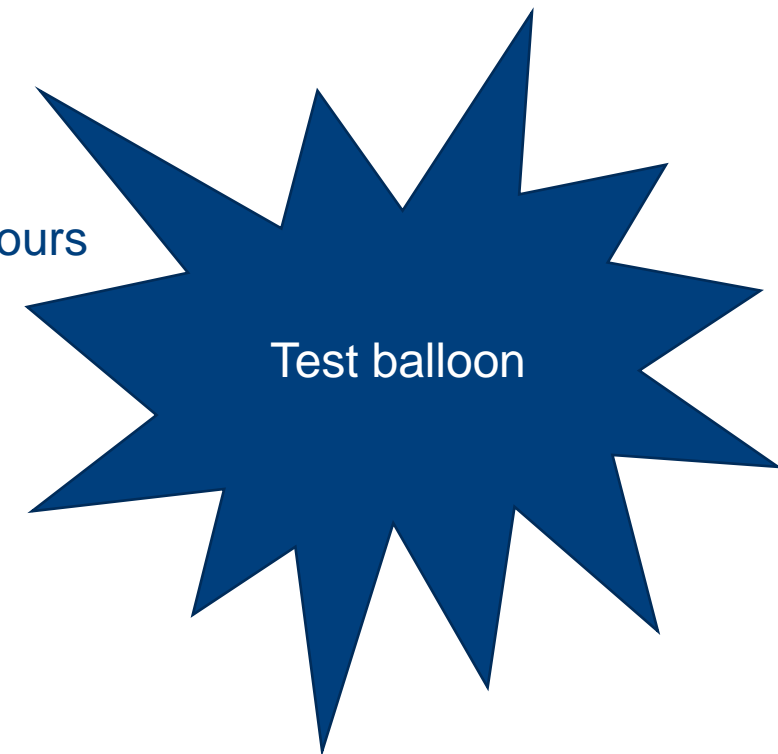
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