




FIRST EUROPEAN DATA ACCESS FORUM
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**Decentralised and Remote Access to
Confidential Data in the ESS
(ESSnet DARA)**

Overview and State of the Art


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Outline

- 1. Introduction**
- 2. ESSnet DARA - Implementation of a pilot**
- 3. Current State of Play / Future Work**
- 4. Outlook**

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1. Introduction

- **by now: increasing demand for microdata**
 - **access to national datasets in MS**
 - **access to 12 community statistics via Eurostat**
 - ECHP (European Community Household Panel)
 - LFS (Labour Force Survey)
 - CIS (Community Innovation Surveys), ...
- **request for original microdata (without direct identifiers)**
 - **for community statistics: access only via safe-centre in Luxembourg**
 - **barrier due to local constraint**
 - **idea: network of national safe-centres**


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1. Feasibility study „Decentralised Access to EU microdata sets“



- Feasibility study of setting up a network of safe-centres for decentralised access to community statistics
- ways of access to microdata throughout EU-countries
 - is an implementation possible?
 - framework requirements
- international Partners
 - Office for National Statistics, UK
 - Centraal Bureau voor de Statistiek, Netherlands
 - Istituto Nazionale di Statistica, Italy
 - Hungarian Central Statistical Office, Hungary
 - Statistical State Office, German Federal State NRW
 - Federal Statistical Office, Germany
- start: 1st February 2009; end: 31st January 2010


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“Pilot Recommendation”

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2. Implementation of a pilot: ESSNET “DARA”




ESSNET on “Decentralised And Remote Access to confidential data in the ESS” (DARA)

- Goal: Implementation of a remote access pilot from NSI Safe Centres to the community statistics at Eurostat
- Project has started in October 2011, Duration: 24 months
- Partners
 - National Institute of Statistics and Economic Studies, France
 - Hungarian Central Statistical Office, Hungary
 - Office for National Statistics, United Kingdom
 - Instituto Nacional de Estatística, Portugal
 - State Statistical Institute Berlin-Brandenburg, Germany
 - Federal Statistical Office, Destatis, Germany (co-ordinator)

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2. Overview WPs



WP 1	Documentation and workflow
WP 2	Concept of technical implementation and safety requirements
WP 3	Cost benefit analysis
WP 4	Implementation of remote access - case study
WP 5	Communication and dissemination to the ESS
WP 6	Project management

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2. Tasks




- **WP 1) Documentation and Workflow**
 - Define rules and standards for data access
 - Draft of a request form for data access
 - Compile a manual for NSI regarding workflow when data access is requested
 - Documentation and communication

- **WP 2) Concept of technical implementation and safety requirements for remote access**
 - Define client requirements, authentication process and accreditation
 - Clarify role of NSI (workflow and process)
 - Define input/output checking process (who, where ...)
 - Possible operability of different systems and interfaces
 - Integration of existing systems
 - Test procedure: check-list of security verification (from client to host)
 - First testing phase for the connection from NSI to SICON

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2. Tasks




- **WP 3) Cost benefit analysis**
 - Based on the cost template of the former project
 - staff planning (rates each qualification/grade)
 - breakdown on strategy and operational costs
 - breakdown on fixed and variable costs
 - number of projects, IT costs

- **WP 4) Implementation of remote access - case study**
 - Define all the necessary elements needed to implement a pilot (hardware, software, organisation, use-cases)
 - Implementing a pilot in one country and evaluate it
 - Extend the pilot to 2 or 3 other countries for evaluation purpose (double-output checking, workflows...)
 - Organise a security audit of each process

- **WP 5) Communication and dissemination to ESS**
 - Upgrading and update of project website
 - Presentation of results on project website and conferences


- **WP 6) Project management**


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3. Current State of Play / Future work 


- 1st and 2nd project meeting in Wiesbaden and Paris
- List of user requirements for remote access system drafted by the DARA project team
- Discussion of details for connection to SICON System
- **Right now:** Testing the connection via sTESTA in NSIs
- **Right now:** → Preparation of first testing phase
- **Right now:** First successful connection from NSI to CITRIX system in EC

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3. Current State of Play / Future work 



Step 1
Login




Step 2
Choose your application

3. Current State of Play / **Future work** 

- Finalizing the list of user requirements during the first testing phase
- Development of a testing plan to evaluate the usability of SICON System
- ✓ Presentation of the DARA project at the 1st European Data Access Forum in Luxembourg by the end of march
- Harmonizing goals and developments with DwB
 - Both projects do not aim at developing single, competitive or non compatible solutions for RA in Europe


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4. Outlook 

- **Implementation of „pilot“ needs to be linked with other ESSnets and Projects**

- 🔗 [VIP-SICON project](#)
- 🔗 [§ Revision of EC Regulation 831/2002 §](#)
- 🔗 [Data without Boundaries \(DwB\)](#)
- 🔗 [EuroGroups Register \(EGR\)](#)
- 🔗 [ESSnet on SDMX](#)
- 🔗 [OECD Working Group „Microdata Access“](#)
- 🔗 [Workshop on Data Access \(WDA\)](#)

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Home of DARA 

Thank you for your attention

Decentralised and Remote access to Confidential Data in the ESS:
<http://www.safe-centre.eu>

Eurostat ESSnet Projects:
<http://www.essnet-portal.eu>

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