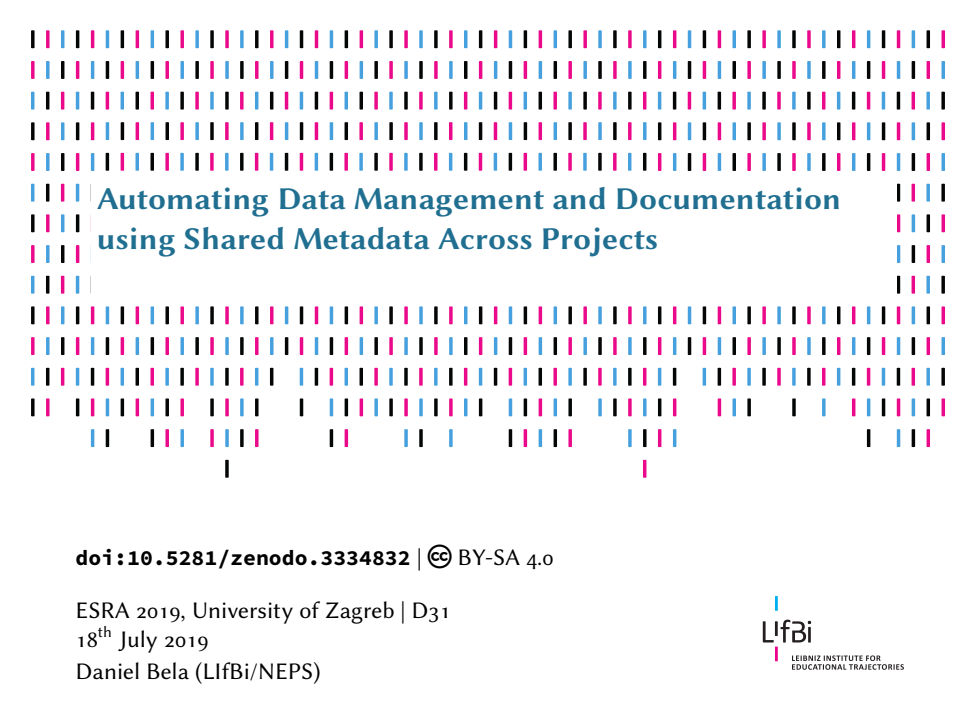




# Automating Data Management and Documentation using Shared Metadata Across Projects

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ESRA 2019, University of Zagreb | D31

18<sup>th</sup> July 2019

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## 1 Background

## 2 New Developments

## 3 Discussion

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# About NEPS

## LifBi's main task:

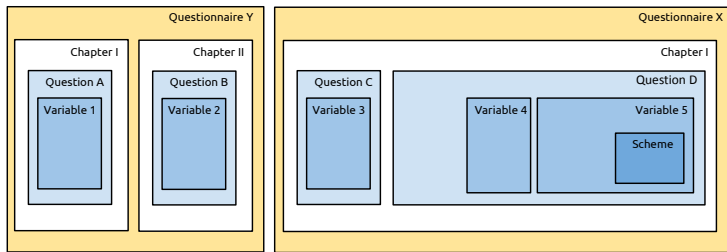
- provide infrastructure and data for longitudinal educational research
- ... primarily by conducting surveys, producing useable data, and providing it to the Scientific Community
- continue to conduct the German National Educational Panel Study (NEPS), a former project of the Federal Ministry of Education and Research at the University of Bamberg



- started 2008, first field work 2009, first Scientific Use File late 2011
- large scale panel study, running in six panel cohorts with (at least) one survey per year, with a total of 100 000 respondents

to date: 64 Scientific Use Files published, spanning 57 survey waves from 221 survey instruments

# NEPS' Integrated Metadata System (simplified)





# NEPS' (Meta)Data Management Lifecycle

(metadata system is covering **alert** parts)

- 1 conceptuation phase
- 2 item development
- 3 instrument compilation
- 4 field work
- 5 data delivery from field
- 6 **instrument documentation**
- 7 **instrument translation**
- 8 internal distribution
- 9 **data processing**
- 10 **data edition**
- 11 data anonymisation
- 12 dissemination

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# Incorporating Additional Studies into the System

## After foundation of LIfBi,...

- ... NEPS was no longer the only study we conduct
- ... expectations to handle metadata for other studies had arisen
- ... it was clear that our metadata structures had to adapt to new challenges

# Incorporating Additional Studies into the System

Lifecycle Adaptations: (*emphasized* entries have changed)

- 1 **conceptuation phase**
- 2 item development
- 3 instrument compilation
- 4 field work
- 5 data delivery from field
- 6 **instrument documentation**
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# Educational Landscape of Upper Franconia

## BiLO

### Study at a Glance:

- spatial study in Upper Franconia (northern Bavaria)
- surveying educational institutions as well as population
- aim: get insights into the interplay between local “supply” and “demand” with regards to educational decisions
- requirement: additional CAWI questionnaire to be administered in house

# Educational Landscape of Upper Franconia

## BiLO

Lifecycle Adaptations: (*emphasized* entries have changed)

- 1 conceptuation phase
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- 3 *instrument compilation*
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# Refugees in the German Educational System

## ReGES

### Study at a Glance:

- panel study of refugees
- aim: better understanding of integration processes into the educational system
- requirement: multi-lingual survey instruments in eight different languages

# Refugees in the German Educational System

## ReGES

Lifecycle Adaptations: (*emphasized* entries have changed)

- 1 conceptuation phase
- 2 item development
- 3 *instrument compilation*
- 4 *instrument translation*
- 5 field work
- 6 data delivery from field
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- 8 internal distribution
- 9 *data processing*
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- 12 dissemination

## 1 Background

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# Things to Come, and Discussion Topics

Further steps for our metadata system:

- *item development*

Discussion topics:

- What's the use of opening the system to other studies? And for whom?
- What's the use of sharing metadata between studies? And for whom?

# Questions?

## Please discuss!



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