

# Mining Scientific Publications



(June 2015 – May 2018)



Horizon 2020  
European Union funding  
for Research & Innovation

## Text Mining

Uncover hidden knowledge in unstructured text

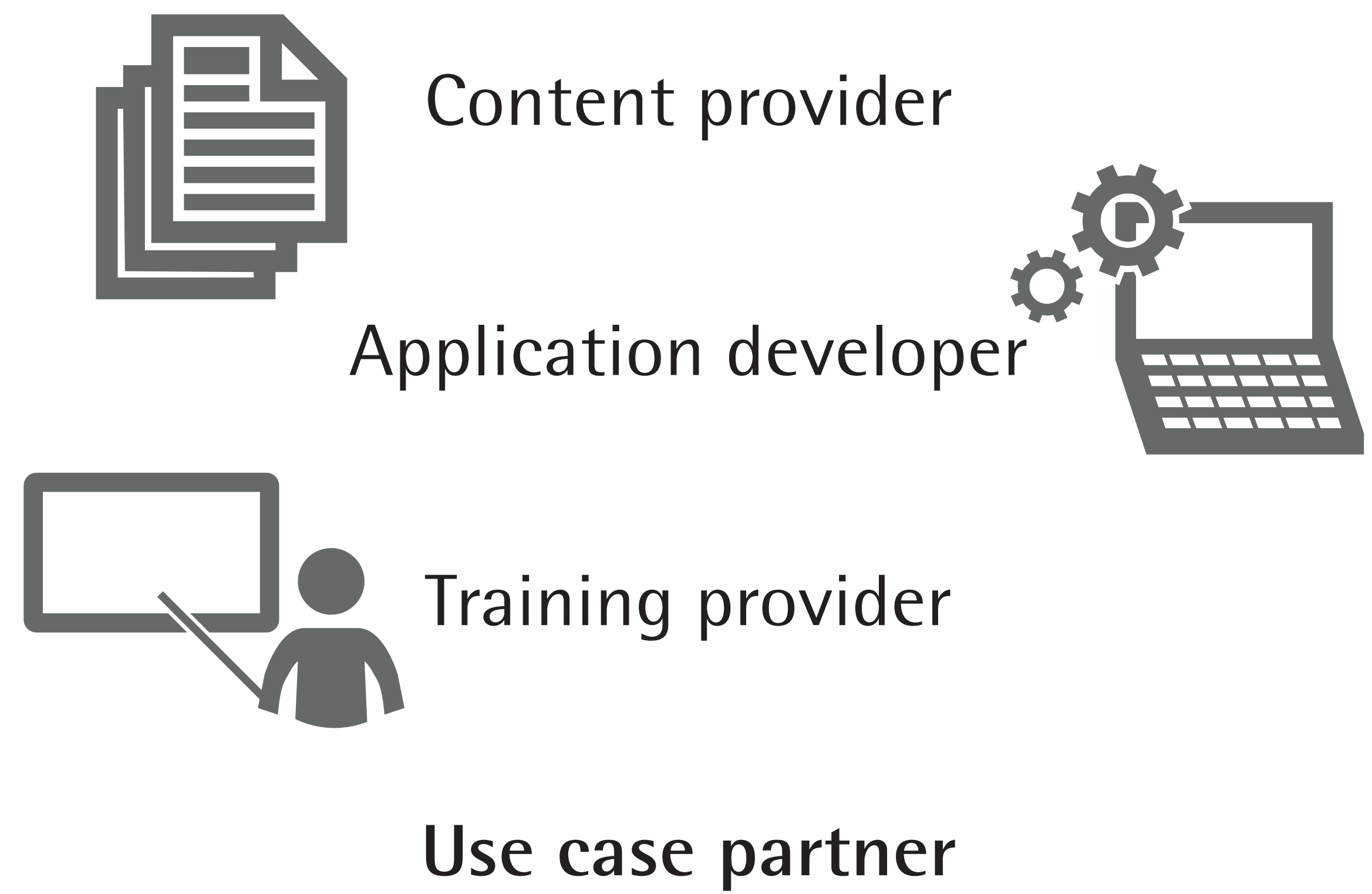
### OPENMINTED

Establish an open and sustainable Text Mining platform and infrastructure...

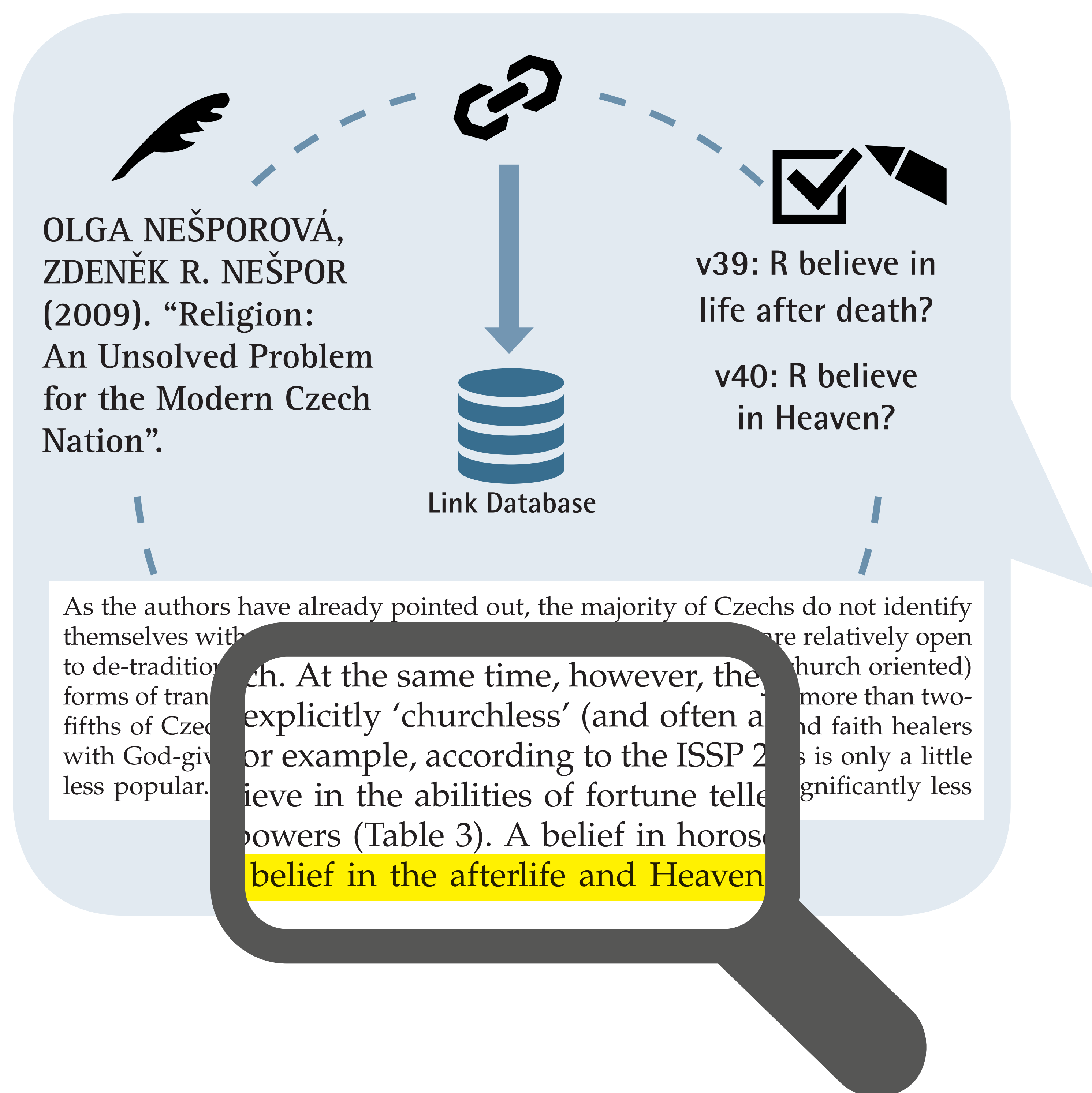


- ...to make Text Mining tools easily available
- ...to collaboratively create, discover, share and re-use knowledge from text based resources

## Our Role



## Our Use Case: Enhancing Search in Text and Data



### Main Problems in Information Search

- Topical and conceptual ambiguities
- Missing links between publications and research data

### Approach

- Named Entity Recognition (names, places, organizations), keyword detection
  - ➔ enhance automatic indexing
- Recognition of variable mentions
  - ➔ enhance linking of data and publications

### Benefits

- Facilitate the search for both text and data
- Enrich data with context information from text and vice versa
- Better search results with resolved ambiguities

### Our partners

