



# Towards a Common Infrastructure for Online Job Vacancy Data

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# Online Labour Market Information

**EC priority on jobs, growth and employment**  
**A new skills agenda for Europe**

## **Cedefop:**

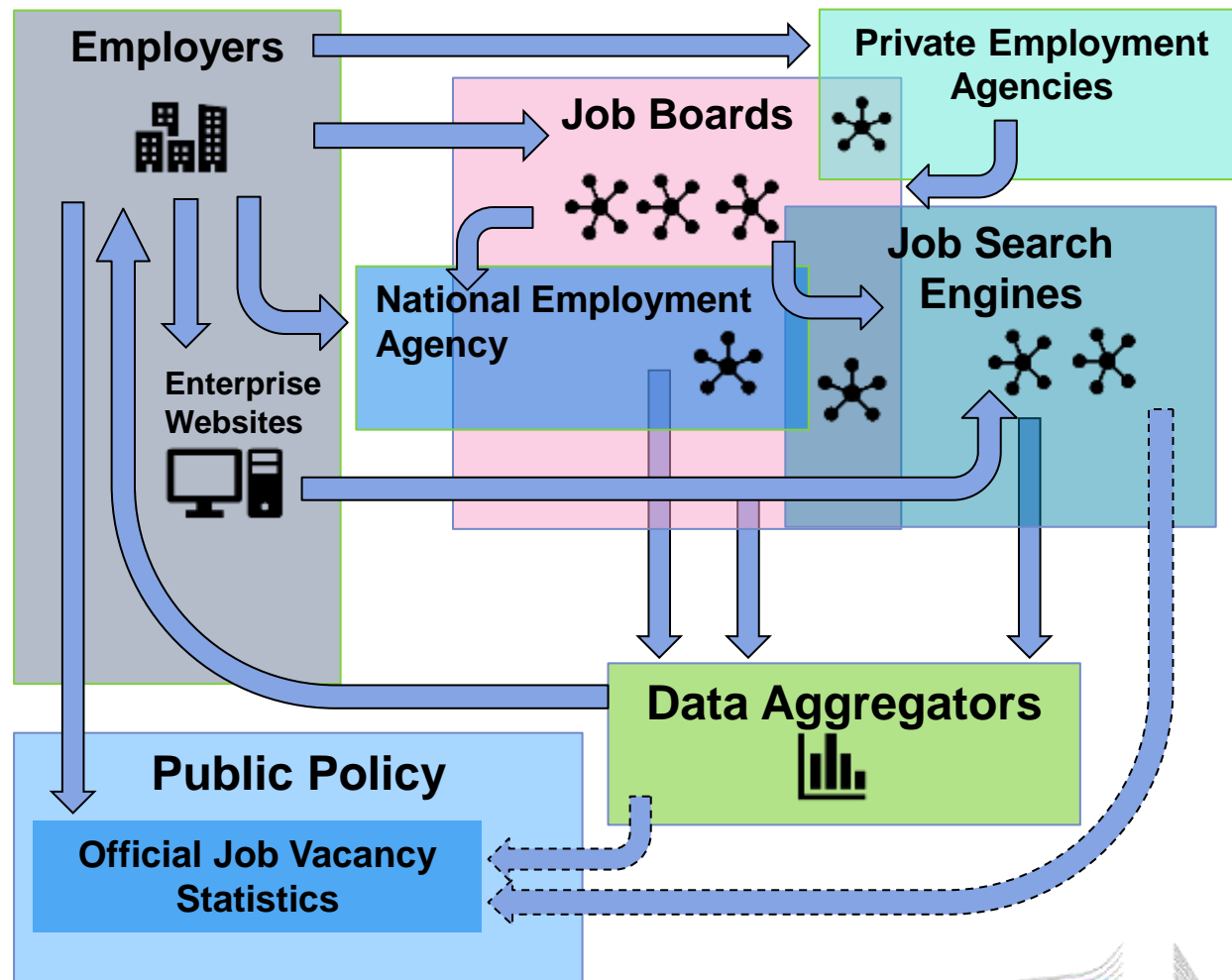
- Successful feasibility study
- Early data release in spring 2019
- Fully fledged system in 2020

## **ESS:**

- Proof of concept 2016-2018
- Preparing implementation until 2020

Joint workshops at technical level

# Online job vacancy data landscape



# Collected data



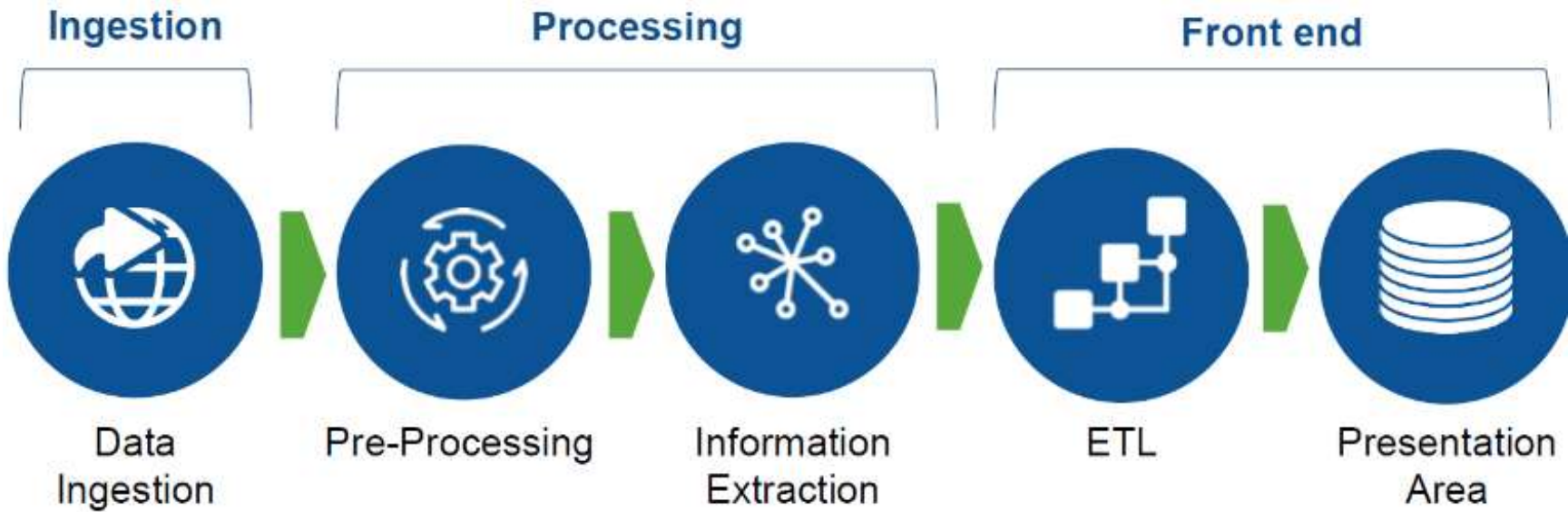
- Occupations
- Geo-location of jobs
- **Skills and other job requirements**
- Time dimension
- Other (e.g. sector, wage)

# Potential of online job vacancy data

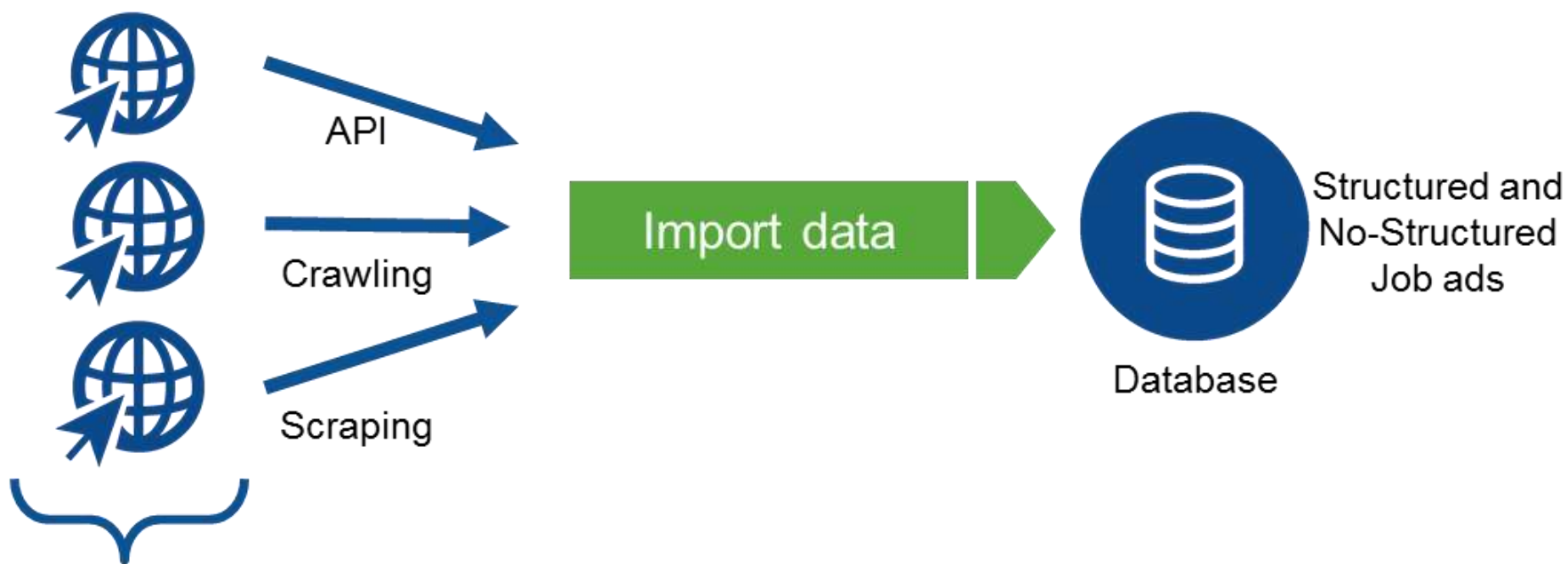
	Current Official Estimates (Survey)	Online data
Frequency	Quarterly	Monthly, or more frequent
Economic activity	✓ <b>More frequent</b>	(✓)
Enterprise Size	✓ <b>More timely</b>	x
Job title / occupation & skills	x <b>More granular</b>	✓
Detailed geography	x <b>Less burden</b>	✓
National Totals	✓ <b>Cheaper ???</b>	x
		✓ when combined

# Workflow

Landscaping

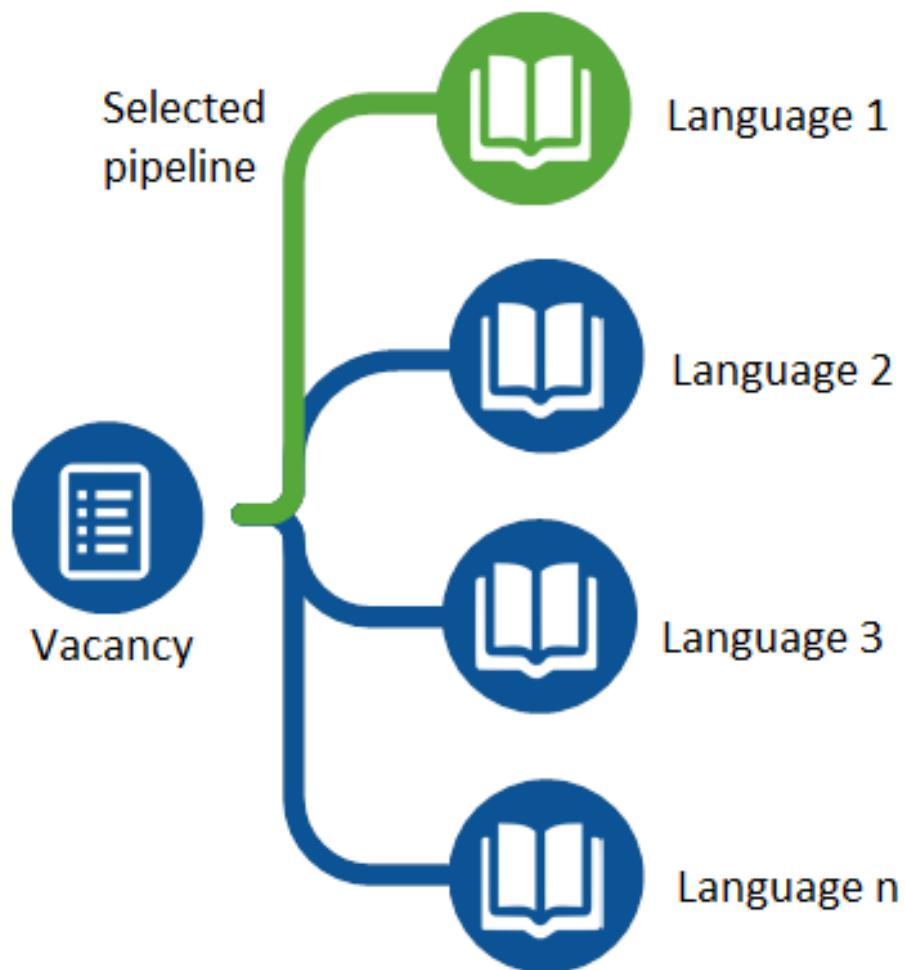


# Data ingestion



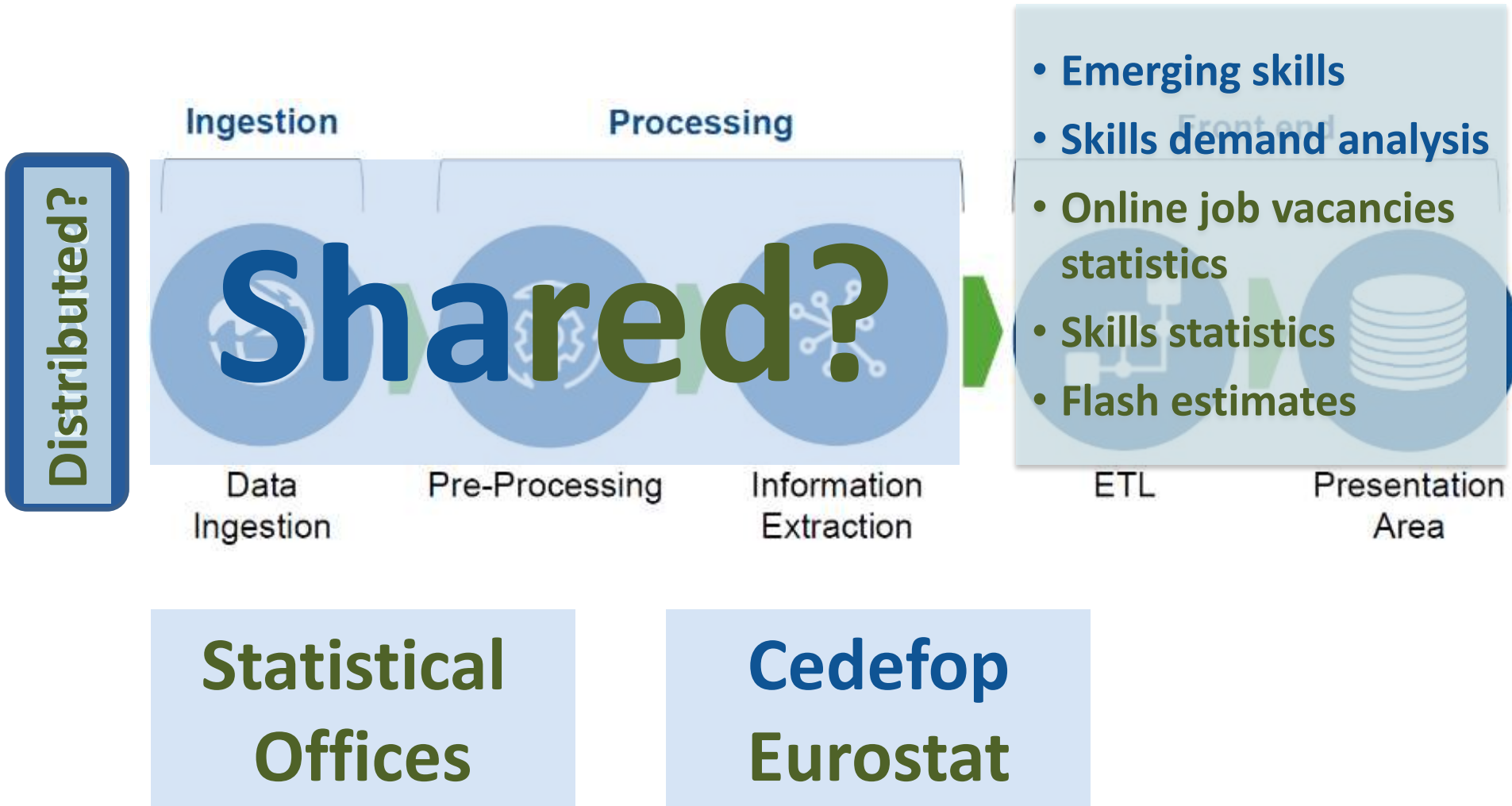
Agreement with  
web portal

# Language pipeline (processing)





# Multi-purpose system



# Conclusions

## Synergies

- Understanding demand for skills
- Complementing existing statistics
- Combined knowledge (statistics & labour market)

## Opportunity for partnerships

- Economies of scale
- Coordination and administration
- Serving national/regional and European needs

## Business case by Eurostat

- Input from Cedefop and ESSnet Big Data
- Different scenarios related to integration
- Base for decision on implementation