



# **An overview of the research program on globalization at Statistics Netherlands**

2<sup>nd</sup> meeting Committee of Experts on Business and Trade Statistics

Hank Hermans

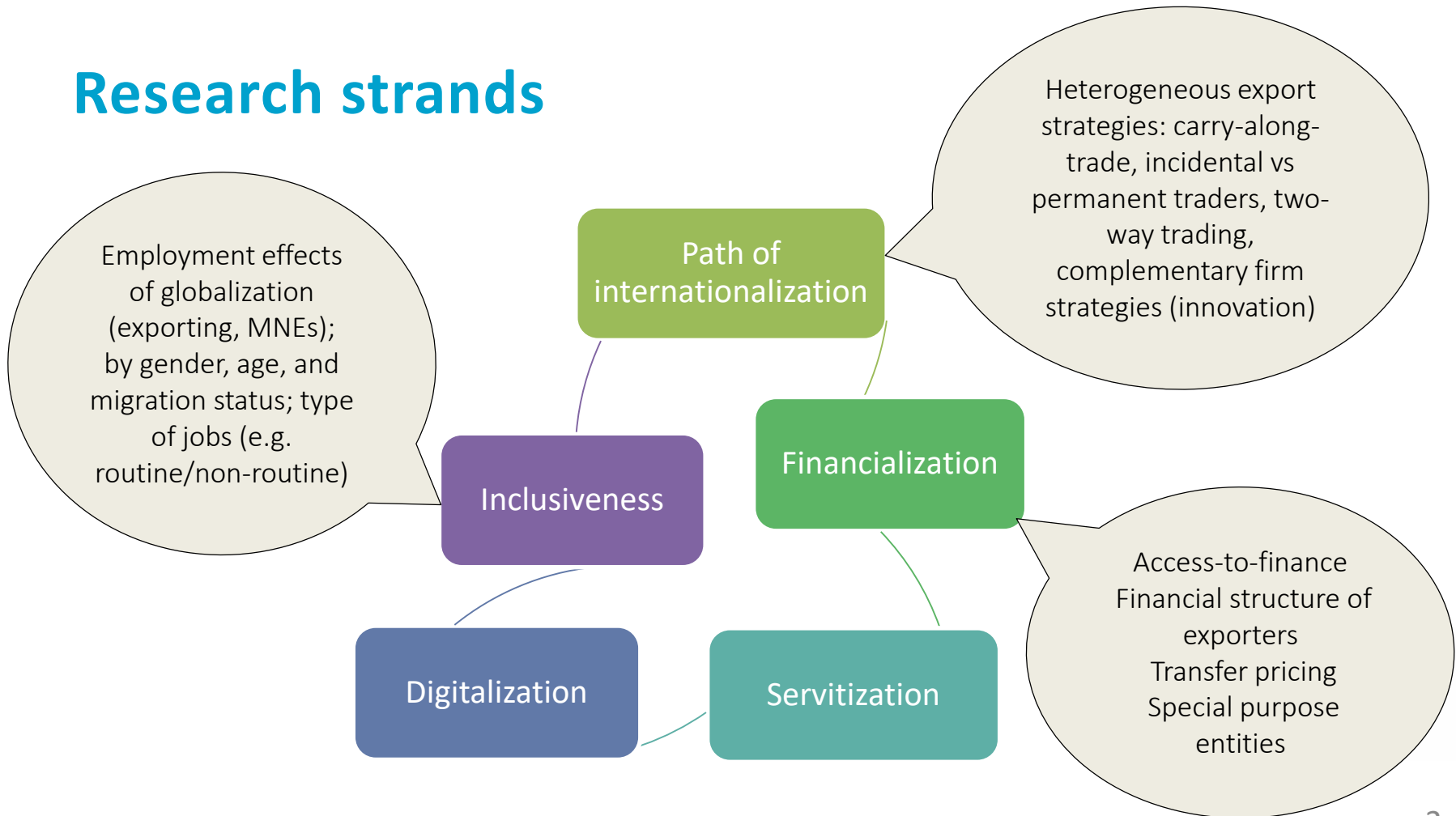
June 11-13 2019

# Globalization research program

- Covenant with Ministry of Foreign Affairs
- Research mostly based on Microdata Linking (MDL)
  - Firm and individual level data
  - Micro-level heterogeneity in macro-economic indicators and value chains
  - Econometric analyses of relations between variables
- Policy insights through innovative combinations of data and academic-level research
- Dissemination through the **Internationaliseringsmonitor**, news articles, discussion papers, conference presentations...



# Research strands



# Internationalization Monitor

set up as part of the statistical development program “International economic relations”

2014-present: quarterly publication in Dutch, (includes English executive summary; selected editions have been translated)

2007

2007-2013: annual publication in English

2014

2019

additional publication:  
State of Internationalization

Contents are determined in close contact with Min Foreign Affairs  
Broad thematic setting  
Information is timely and highly accessible  
Alignment with current events (e.g. Brexit, US import tariffs)





March 21 2019: Minister Kaag of Foreign Affairs receives first copy of the US monitor (Internationalization Monitor, 2019-Q1). Left-to-right: Tjark Tjin-A-Tsoi (DG StatsNL), Sandra Wilms (Head of Information and Output), Sigrid Kaag (Minister of Foreign Affairs), Hanneke Imbens (Director of Economic Statistics), Marjolijn Jaarsma (chief editor of Internationalization monitor)



Sigrid Kaag  
@SigridKaag

Terug uit Kansas, waar pre-event van @theGESummit was. De nieuwe internationaliseringsmonitor van @statistiekcbcs laat zien hoe belangrijk handel met de VS is. Lees hier het hele verhaal: [cbs.nl/nl-nl/nieuws/2...](https://cbs.nl/nl-nl/nieuws/2...)



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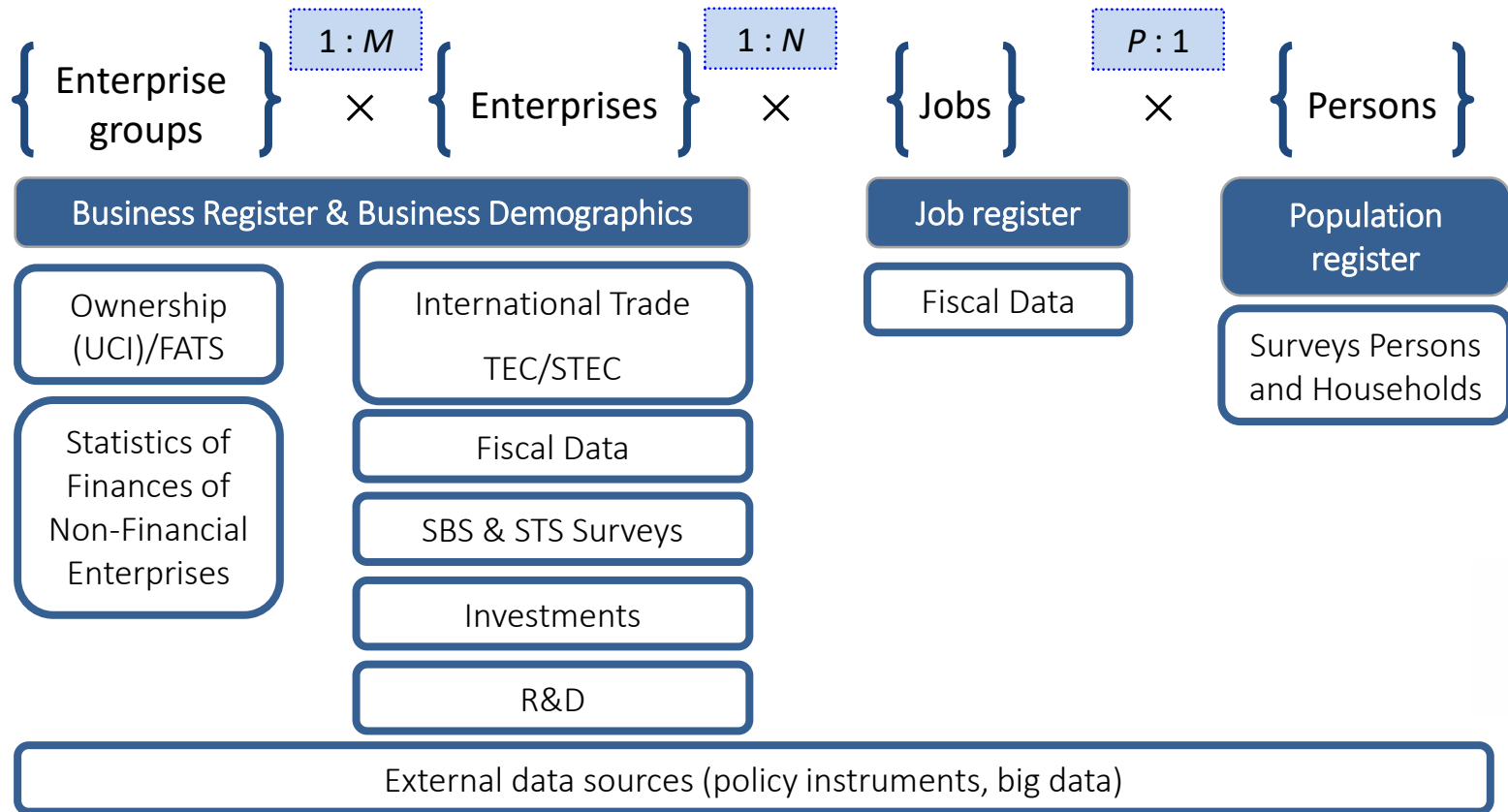
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5

# Linked Employer Employee Data (LEED)



# Some recent insights I

## International trade and global value chains

- Trade data...
- ... combined with business characteristics (MNEs, SMEs)
- ... combined with sectoral Input/Output information

## Access-to-finance

- Finance monitor (e.g. financial characteristics)
- Balance sheet and profit/loss statement information

1/3 GDP and employment can be attributed to exports (directly and/or indirectly)

Increasing import share in export (trade in value added)

(independent) SMEs: 25% of export, 43% of income

Foreign MNEs contribute 18% to employment, domestic MNEs 9%

Larger and more productive firms are less financially restricted

First-time exporters are relatively more financially restricted

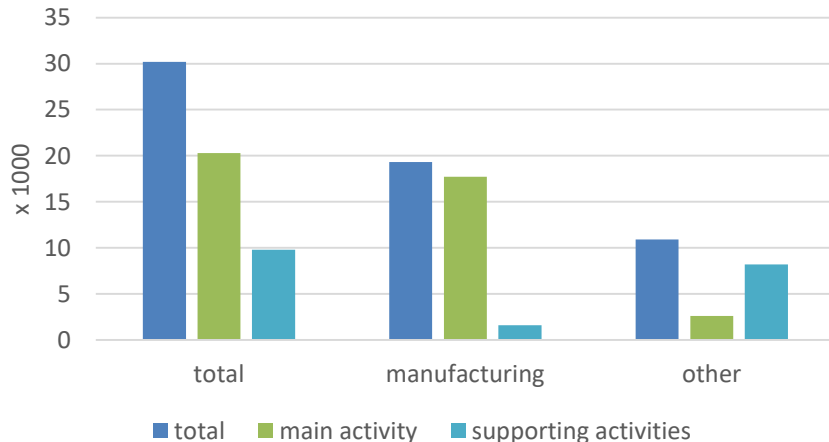
Internationalization is not additionally related to access to finance

# Some recent insights II

## Globalization and employment

- Employer info: ownership, MNEs, type of trader
- Employee info: demographic, type of job/affiliation

Job loss related to offshoring, 2016.



1/3 of employment of men is sustained by exports; for women this is 1/5

30 thousand jobs were lost as a consequence of offshoring, mostly in production activities, 3 out of 4 lower or middle educated workers

Foreign owned firms and international traders pay higher wages

Workers at foreign owned firms are on average higher educated, but wage differences are mainly explained by other demographic characteristics





# Other work

- International Sourcing and Global Value Chain pilot survey (ISGVC)
- Business demographics (SBS) and additional population characteristics (SME, MNE, high-growth, ownership/UCI)
- Global production
- Digital trade and cross-border e-commerce



# Selected links

Globalization dossier:

<https://www.cbs.nl/en-gb/dossier/dossier-globalisation>

Internationalization monitor:

<https://www.cbs.nl/en-gb/economy/international-trade/internationalisation-monitor>

<https://www.cbs.nl/en-gb/publication/2017/09/internationalisation-monitor-2017-first-quarter> (fully translated to English)

Papers:

<https://www.cbs.nl/nl-nl/reeksen/papers>





**Facts that matter**