



D2.2: Complete standardised data set containing all the information collected in all countries

SSH8-CT-2009-225368
INGINEUS
Impact of Networks, Globalisation
and their Interaction with EU Strategies

Type of funding scheme: Collaborative Project (large-scale integrating project)
Programme addressed: FP7 Theme 8 “Socio-economic Sciences and the Humanities” (SSH)

Deliverable 2.2
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Executive Summary

Due date of deliverable: Month 27
Actual submission date: Month 29

Start date of project: 1st January 2009

Duration: 36 months

Name of lead contractor for this deliverable:

University of Pretoria / Gordon Institute of Business Science (UP/GIBS, Participant no.12)

Revision:

Project co-funded by the European Commission within the Seventh Framework Programme (2007-2013)		
Dissemination Level		
PU	Public	PU
PP	Restricted to other programme participants (including Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CP	Confidential, only for members of the consortium (including the Commission Services)	



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Executive Summary

This deliverable includes the complete standardised data set of the results of the INGINEUS survey.

The survey aimed at determining the extent to which innovation is taking place in globally dispersed networks. It was conducted across ten countries, namely Brazil, China, Denmark, Estonia, Germany, India, Italy, Norway, South Africa, and Sweden. The survey was coordinated by the University of Pretoria / Gordon Institute of Business Science (UP, GIBS), partner in INGINEUS.

Each institute administering the survey across the ten countries chose a sector which was of economic importance within their national or regional context in either traditional low-tech sectors (e.g. agro-processing), medium-tech (e.g. automobile), or high-tech (e.g. ICT).

In order to adequately map the trend of outsourcing knowledge-intensive activities and the emerging phenomenon of knowledge creation in developing locations outside the EU, the design of the survey ensured coverage of each sector by a more developed and a less developed country, as indicated below:

- Agro-processing: **South Africa** and Denmark
- Automotive: **Brazil**, Germany, Italy¹ and a small sample from Sweden
- ICT: **India, China**, Sweden, Norway and Estonia.

To facilitate cross-country and cross-sectoral comparisons, each country partner provided the results of the national survey to the University of Pretoria / Gordon Institute of Business Science (UP, GIBS), coupled with a methodology report including information about:

- Database(s) used
- Observations about the database(s) (e.g. commercially purchased, regionally or focused)
- Information concerning data cleaning actions based on:
 1. Minimum size (number of employees) of firms contacted from database
 2. Size of initial and ultimate cleaned database
 3. Job title contacted
 4. Mode of contact (face to face visit, call, e-mail, survey monkey)
 5. Number of responses

The complete standardised data set of the survey consists in the following documents (all available on the home page of the project website, www.ingineus.eu, in the section *publications > project deliverables*):

¹ Past experiences of poor response rates in Italy resulted in a shift in the strategy for the Italian team. In Italy, specific INGINEUS questions were included as part of a larger survey managed by the Turin Chamber of Commerce. Therefore, a similar survey was conducted but the format differs.



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- **Raw data:** a standardised excel file containing the uncoded raw data gathered from each country participating in the survey (excepted Italy).
- **Coded data:** a comprehensive excel file with codified answers and the procedure to change the coding, if appropriate. This file is composed of three work sheets:
 1. coded data
 2. code sheet up to question 8
 3. code sheet after question 8. It further includes additional information in string format on the extent to which innovation is/is not taking place in globally dispersed networks by respondents²
- **Methodology report:** a document comprising a general survey background guide (i.e. samples' characteristics; novelty of the data; background survey design; matching survey questions) and individual detailed country methodology reports.
- **Italy – survey results:** an excel file including the answers to some of the questions of the INGINEUS survey, other questions related to the project and tables summarizing the main outputs. This survey was conducted on the automotive sector in Italy by the Turin Chamber of Commerce and have been provided subsequently.

² This evaluation has been conducted by Helena Barnard (UP/GIBS) and Cristina Chaminade (ULUND). To study the three GIN characteristics (Global, Innovative and Networked), a scoring system was devised and a formula specified which gave each instance in the dataset a continuous value greater than or equal to 0. A detail description of the methodology is provided in the methodology report (pp. 18-37).