



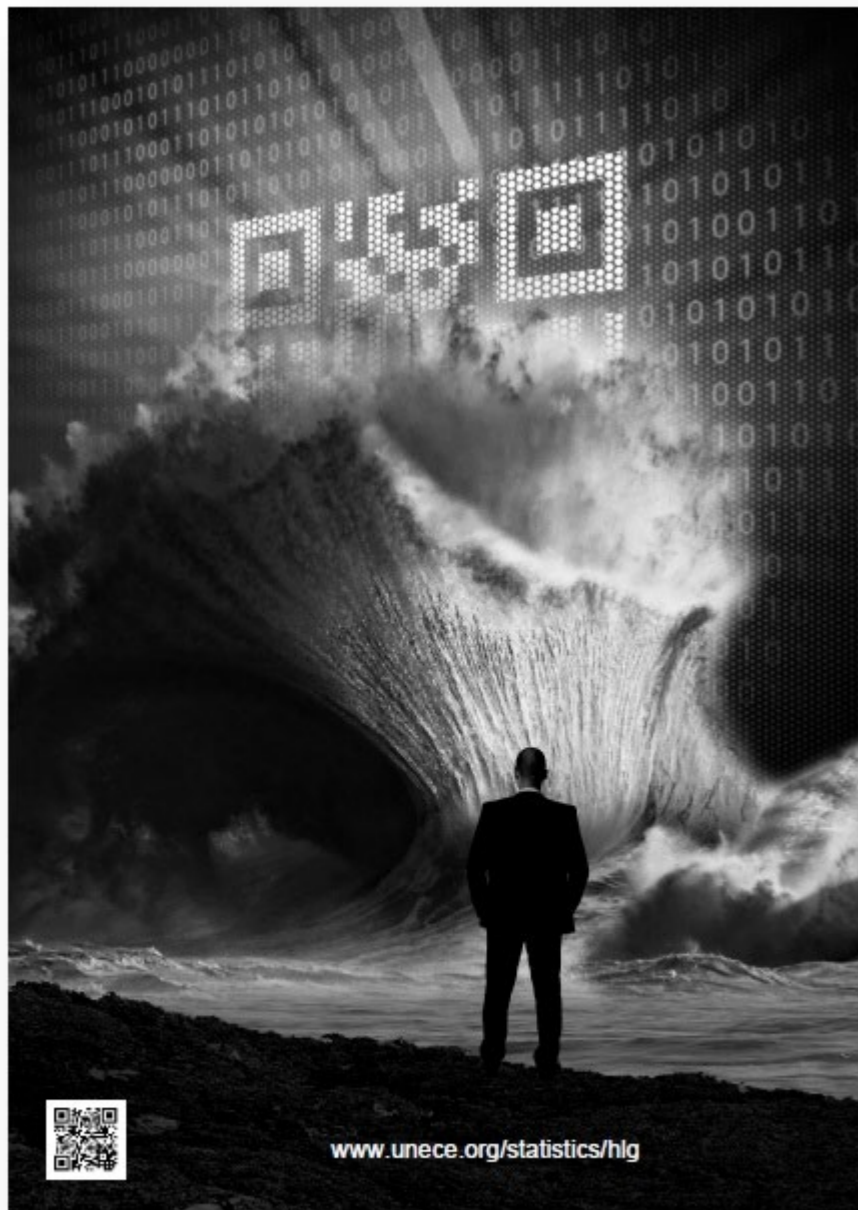
# MC on Production and Methods

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# Contents

- Who are we?
- Riding the wave
- New directions



# Members:

- Gillian Nicoll (Australia)
- Claude Poirier (Canada)
- Rob McLellan (Canada)
- Gergely Horvath (Hungary)
- Joe Treacy (Ireland)
- Alessio Cardacino (Italy)
- Alexandr Sokolov (Moldova)
- Marton Vuicsan (Netherlands)
- Matjaz Jug / Rosemary McGrath (New Zealand)
- Rune Gløersen (Norway)
- Janusz Dygaszewicz (Poland)
- Pedro Revilla Novella (Spain)
- Christine Wirtz (Eurostat)
- Valentin Todorov (UNIDO)

# Origin of Innovation:

- **SELDOM** from our institutes – no offense...
- **MOSTLY** from OUTSIDE
- **OFTEN** technology driven
  
- We do **applied** engineering:
  - In methods
  - In IT

# Our Mission:

- Apply external innovation to our trade
- Alert HLG to **external developments** in our field
- Nurture the Common Statistical Production Architecture (CSPA) into a success
- Capitalize on our information asset and our knowledge

# The direction (the wave)

- Lets make this a new beginning:
  - MSIS, Data Editing and SAB –discontinued--
- We ourselves have been too stable!
  - MSIS agenda
  - Data Editing Agenda
  - SAB work

Take the opportunity to  
make a change!

# Impact Thinking

- No Impact: don't do it
- Practical; LEAN
- Occams Razor (no purpose, no presence) YAGNI
- We need to make a difference



# Issues and Challenges

- CSPA implementation
- Big Data
- Open Data
- Methodology
- Collaboration
- Skills



# CSPA

(Common Statistical Production Architecture)

- This is a specific responsibility of the MC according to the terms of reference
- It may also be the subject of a HLG project in 2014
- The MC will need to have a substantial input
- Increasing re-use of systems, components and methods is a priority
- CSPA catalogues will need to be established

# Big Data

(IT+Methods=Data Science)

- Likely to be the subject of a HLG project in 2014
- Substantial input from the MC will be required in terms of methods and technology
- The project scope will need to be limited to be achievable in a year
- Items that fall out of scope (**leftovers?**) could be considered by the MC

# Open Data

(New products and new challenges)

- This is becoming increasingly important for statistical outputs
- The business case for metadata in statistics
- There is a link to Big Data through the application of semantic technologies
- Take stock on GSIM to provide for linked data

# We need symbiosis

IT+Methods = modern statistics

- Statistics is relying more and more on IT.
- New separation:
  - Design as multidisciplinary activity
  - Production as automated activity



IT and Methods or Methods and IT?

# Sharing, Collaborating

- Is essential
- We cannot do it alone
- Our customer is global
- We are in a value chain
- Collaboration must be agile
- Take a systematic approach to innovation



# Joining Forces

(New multidisciplinary meeting)

- Create a platform for change!
- Provide for sharing
- Breeding ground for ideas

Skills in IT and methodology are merging  
into data science

# Thank You!

