DATA SCIENCE FOR BETTER DECISIONS

One-day international conference
17 December 2019
Tour & Taxis, Brussels, Belgium

#dsdecisions
INTRODUCTION

Roeland Beerten
chief statistician
Statistics Flanders

Tjark Tjin-A-Tsoi
director-general CBS
Statistics Netherlands
Nearly 6.6 million inhabitants in Flanders
9 July 2019

Real economic growth in 2019 estimated at 1.5%
23 July 2019

Statistics Flanders is the network of Flemish government agencies that develop, produce and publish official statistics.

74.6% of Flemish population aged 20-64 in work

Nearly 7% of total energy consumption is renewable energy
STATISTICS FOR THE DIGITAL AGE

Diane Coyle
Bennett Professor of Public Policy
University of Cambridge
Copernicus meets Coca-Cola: what AI and big data mean for national statistics

Kenneth Cukier
Senior Editor at The Economist
PARALLEL SESSIONS

Session 1
Machine learning

Session 2
Natural language processing

Session 3
Images and visualisation

Session 4
Preconditions for effective data science deployment
#dsdecisions
DATA SCIENCE FOR BETTER DECISIONS

One-day international conference
17 December 2019
Tour & Taxis, Brussels, Belgium

#dsdecisions
# PANEL DISCUSSION

<table>
<thead>
<tr>
<th>Moderator</th>
<th>CEO, DigitYzer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Philippe Van Impe</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Experts</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Diego Kuonen</strong></td>
</tr>
<tr>
<td>CEO Statoo Consulting, Professor of Data Science University of Geneva, Principal Scientific and Strategic Big Data and Data Science Advisor for the Directorate and the Board of Management of the Swiss Federal Statistical Office (FSO)</td>
</tr>
<tr>
<td><strong>Martina Hahn</strong></td>
</tr>
<tr>
<td>Head of Methodology and Innovation in Official Statistics, Eurostat</td>
</tr>
<tr>
<td><strong>Sofie De Broe</strong></td>
</tr>
<tr>
<td>Scientific Director of the Center for Big Data Statistics, CBS, Statistics Netherlands</td>
</tr>
<tr>
<td><strong>Roeland Beerten</strong></td>
</tr>
<tr>
<td>Chief statistician Statistics Flanders, Belgium</td>
</tr>
</tbody>
</table>
Data science and big data will only ever supplement the statistical information within government, not replace it.
Commercial and privately owned data sources are the future of official statistics.
THANK YOU FOR COMING