



An
Phríomh-Oifig
Staidrimh

Central
Statistics
Office

24th London Group on Environmental Accounting Welcome Address

7-4 October 2018

Dublin, Ireland

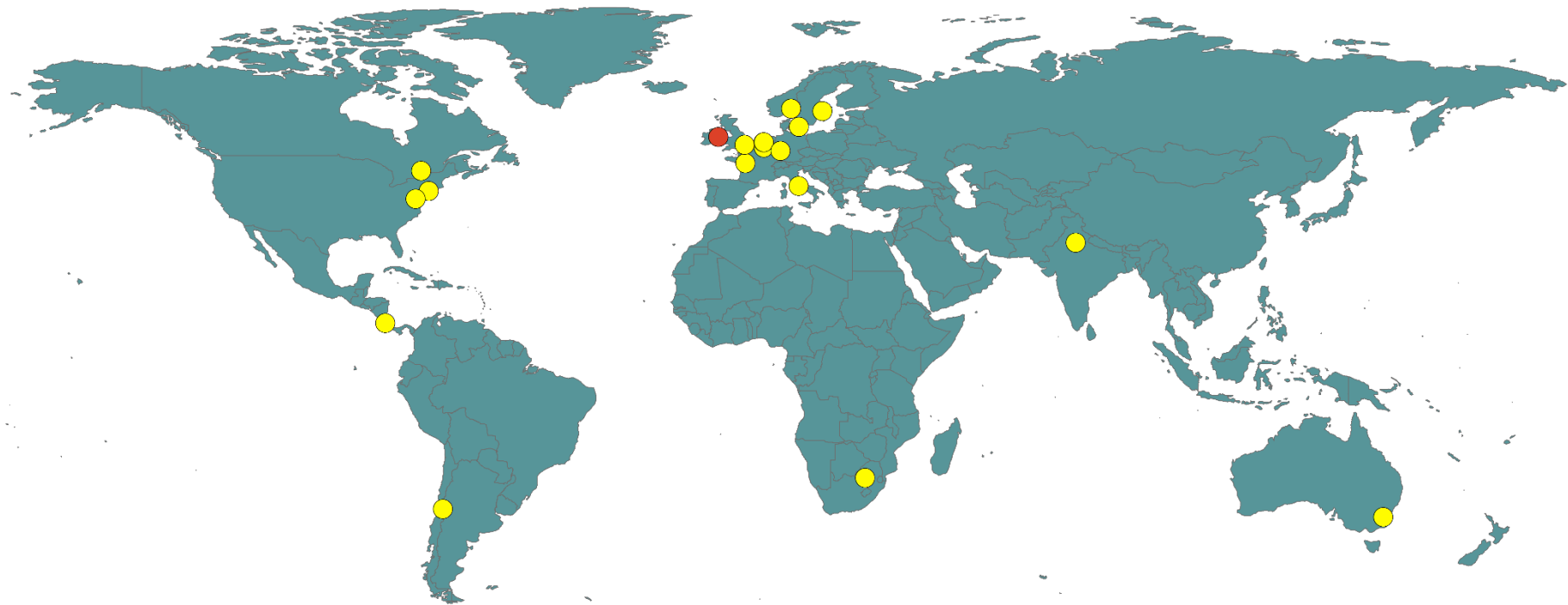
Paul Morrin

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Welcome to Dublin!

- CSO is honoured to host the 24th meeting of the London Group on Environmental Accounting
- This city group has a long history dating back to the first meeting in London in 1994 when it was known as the London Group on Natural Resource and Environmental Accounting
- 14 meetings in Europe; 6 in the Americas; and 4 in Asia/Australia/Africa
- Nearby attractions include Trinity college, St. Stephen's Green, National Gallery, National Museum, and Grafton street all within a few minutes





www.cso.ie

London Group meetings 1994-2018

1st	1994 London	9th	2004 Copenhagen	17th	2011 Stockholm
2nd	1995 Washington	10th	2006 New York	18th	2012 Ottawa
3rd	1996 Stockholm	11th	2007 Johannesburg	19th	2013 London
4th	1997 Ottawa	12th	2007 Rome	20th	2014 New Delhi
5th	1998 Fontevraud	13th	2008 Brussels	21st	2015 The Hague
6th	1999 Canberra	14th	2009 Canberra	22nd	2016 Oslo
7th	2000 Voorburg	15th	2009 Wiesbaden	23rd	2017 San Jose
8th	2003 Rome	16th	2010 Santiago	24th	2018 Dublin



CSO History and Staffing

- Irish statistics have a [long history \(Word 388KB\)](#).
- Following the establishment of the Irish Free State in 1922 a Statistics Branch was set up in the new Department of Industry and Commerce.
- This Statistics Branch was responsible for the compilation of the bulk of Irish official statistics up to June 1949 when it was transferred to form the Central Statistics Office as a separate office.
- Main locations for CSO are Cork (main office), Dublin 6 (Macroeconomics; Environment; Statistical coordination; and Trade), and Swords just north of Dublin airport (Census of Population).
- Around 885 staff including 6 Directors, 29 Senior Statisticians, and 146 Statisticians.
- We have statisticians located in around a dozen government departments to ensure that there is integration across the whole statistical system and that the statistical potential of administrative data is fully realised.



Environment and Climate Division

- Until 2011 there was one environment statistician working in a Trade and Environment division
- As the environmental accounts Regulation came into force, the number of statisticians increased to three and then to five
- In mid-2018 Climate was added and two new statisticians are working in this area
- The work is structured across three main areas:
 - - Environment accounts
 - - Environment statistics
 - - Climate statistics
- Much use is made of administrative microdata (e.g. water and gas meter readings)
- Three main surveys are undertaken



Statistical Surveys conducted by Environment and Climate Division

Business Energy Use	Annual survey covering most NACE sectors and collecting quantity and cost data by fuel product	https://eforms.cso.ie/public/beu.htm
Waste Generation	Biennial survey covering most NACE sectors and collecting data at list of waste code level	https://eforms.cso.ie/public/wgs.htm
Environmental Protection and Resource Management Expenditure	New annual survey to commence in mid-October 2018 collecting capital and operating expenditure by CEPA and CReMA domains	https://eforms.cso.ie/public/ees.htm
Miscellaneous EGSS	Specific sector surveys	



Environment Accounts Regulation Modules

Air Emission Accounts	Annual statistical release
Environmental Taxes	Annual statistical release
Material Flow Accounts	Annual statistical release
Environmental Protection Expenditure Accounts	Submitted to Eurostat
Environmental Goods and Services	Submitted to Eurostat
Physical Energy Flow Accounts	Submitted to Eurostat



Environment Accounts Voluntary Modules

Forest Accounts	Partial data to Eurostat
Water Accounts	Partial data to Eurostat
Environmental Subsidies	Annual statistical release
Resource Management Expenditure Accounts	
Land Cover and Land Use	Submitted to Eurostat



Regular Administrative Data Releases

- Quarterly domestic Building Energy Ratings
- Quarterly non-domestic Building Energy Ratings
- Annual networked gas consumption
- Annual domestic metered public water consumption
- Fish landings
- Biennial environmental indicators report
- Biennial sustainable development indicators report



Climate Statistics

- CSO and Met Éireann data rescue project started in March 2018 (pre-1960s daily data on temperature, rainfall, sunshine hours, wind force, air pressure, etc.)
- 1960s plus over 17 million computerised daily records and file added to each month
- - 1970s plus over 5 million hourly records
- - 1,850 weather stations of which over 200 have more than rainfall only data
- Timely, geographical, and can provide condition indicators (floods, early Spring resulting in more biomass growth, long dry spells with risk to crops and river life, etc.)
- Development of climate indicators
- Characterisation and possible financial measurement of exceptional weather events
- Extreme events are potential outcome indicators regarding climate change



Have a good meeting
and
Enjoy Dublin





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