

# MÉRA

## Introduction & Status

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Met Éireann, The Irish Meteorological Service



# #mera2019

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# Introduction



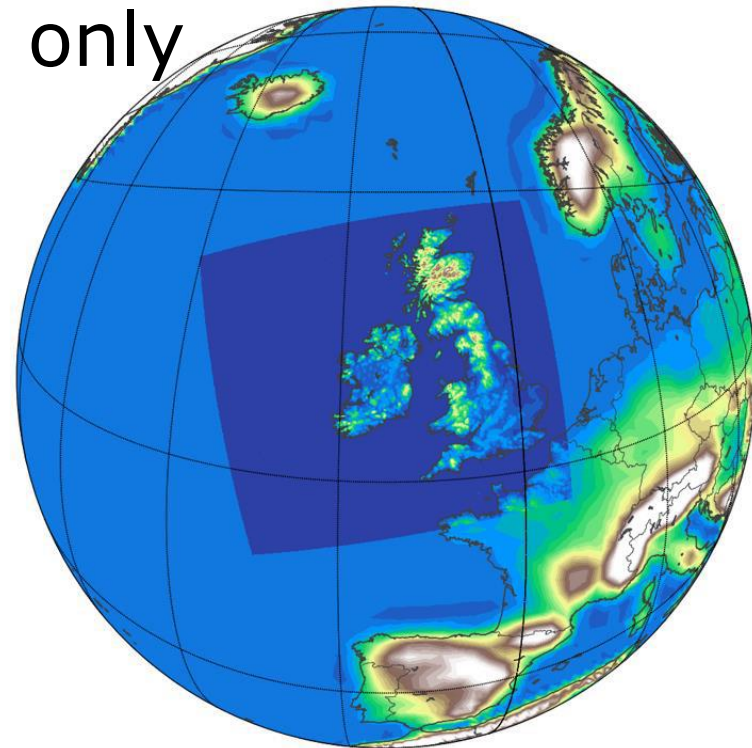
# MÉRA

- High-resolution reanalysis for Ireland
- Launch May 2017
- Project completed June 2018
- <https://www.met.ie/climate/available-data/mera>
  
- Second User Workshop
- Over 100 registered attendees
- 3 sessions - 16 presentations



# MÉRA

- Met Éireann ReAnalysis (MÉRA)
- HARMONIE-AROME NWP System cycle 38
- Conventional observations only
- 3D-Var data assimilation
- 2.5 km grid-spacing
- 65 vertical levels
- 1981 – 2015



# Status



# MÉRA status

- 1981-2015 completed in 2017
- Nearly keeping pace with ERA-Interim
  - Ends August 2019
- Data transfers and end-user engagement
- Plans for MÉRA-2



# Data



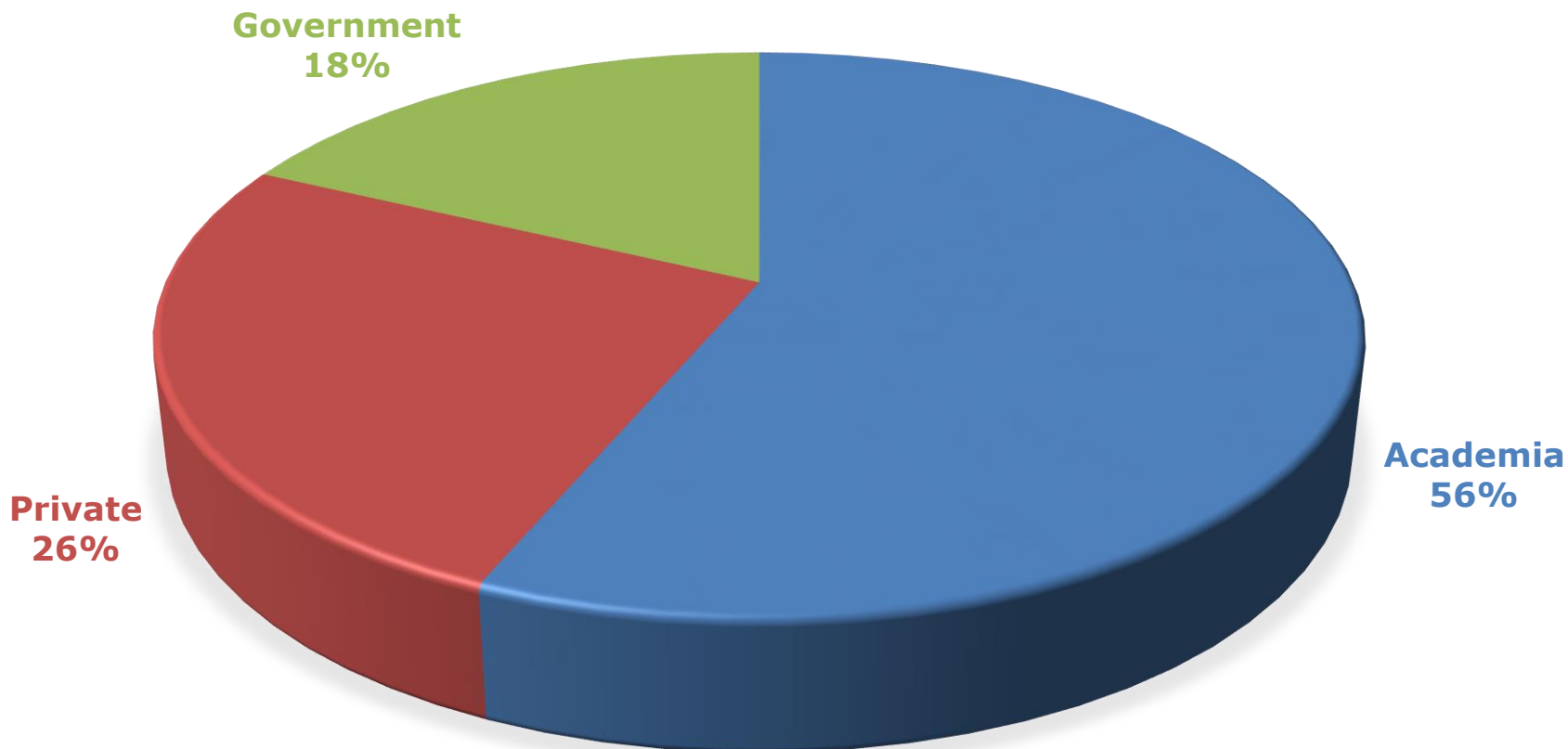
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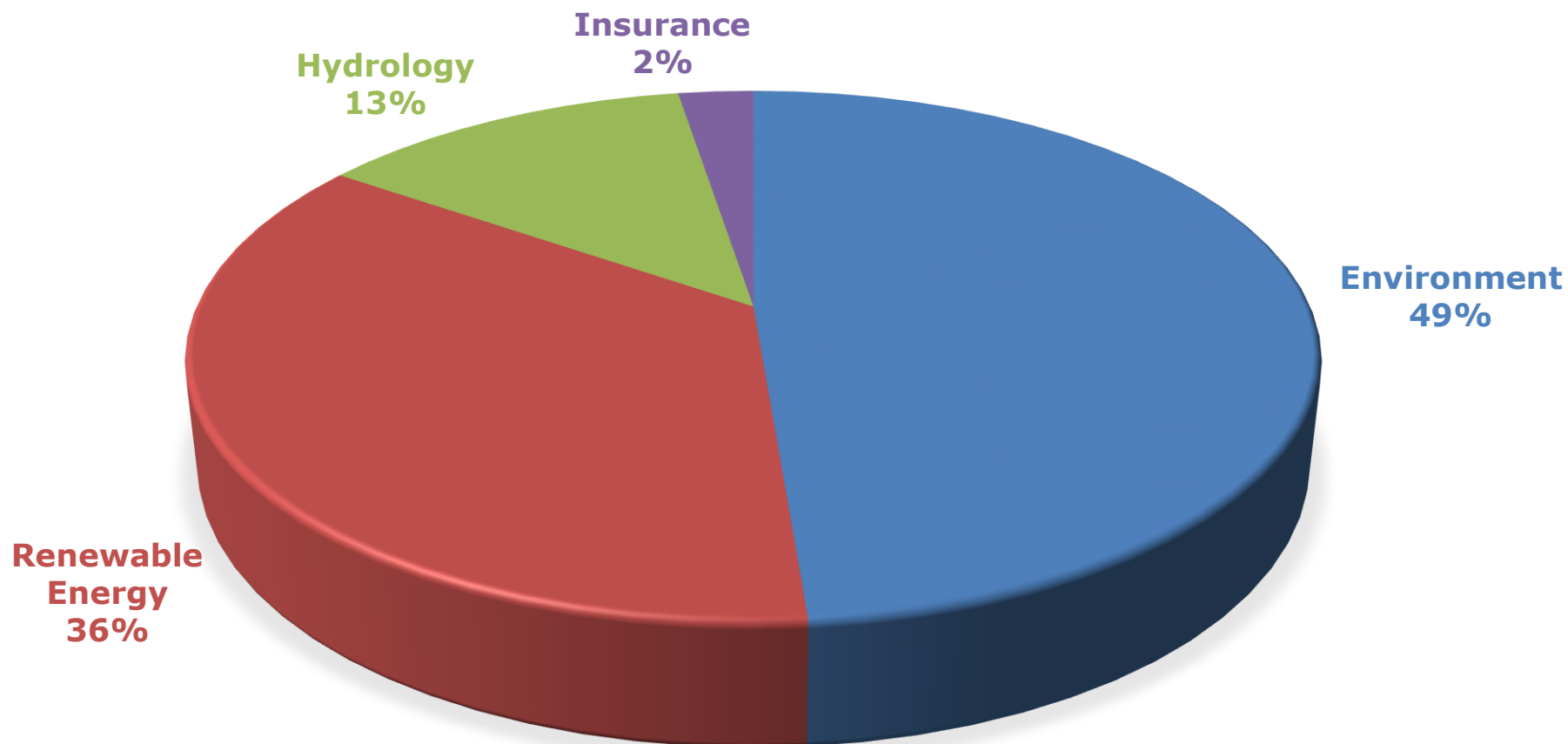
# Users - sectoral

## SECTORAL

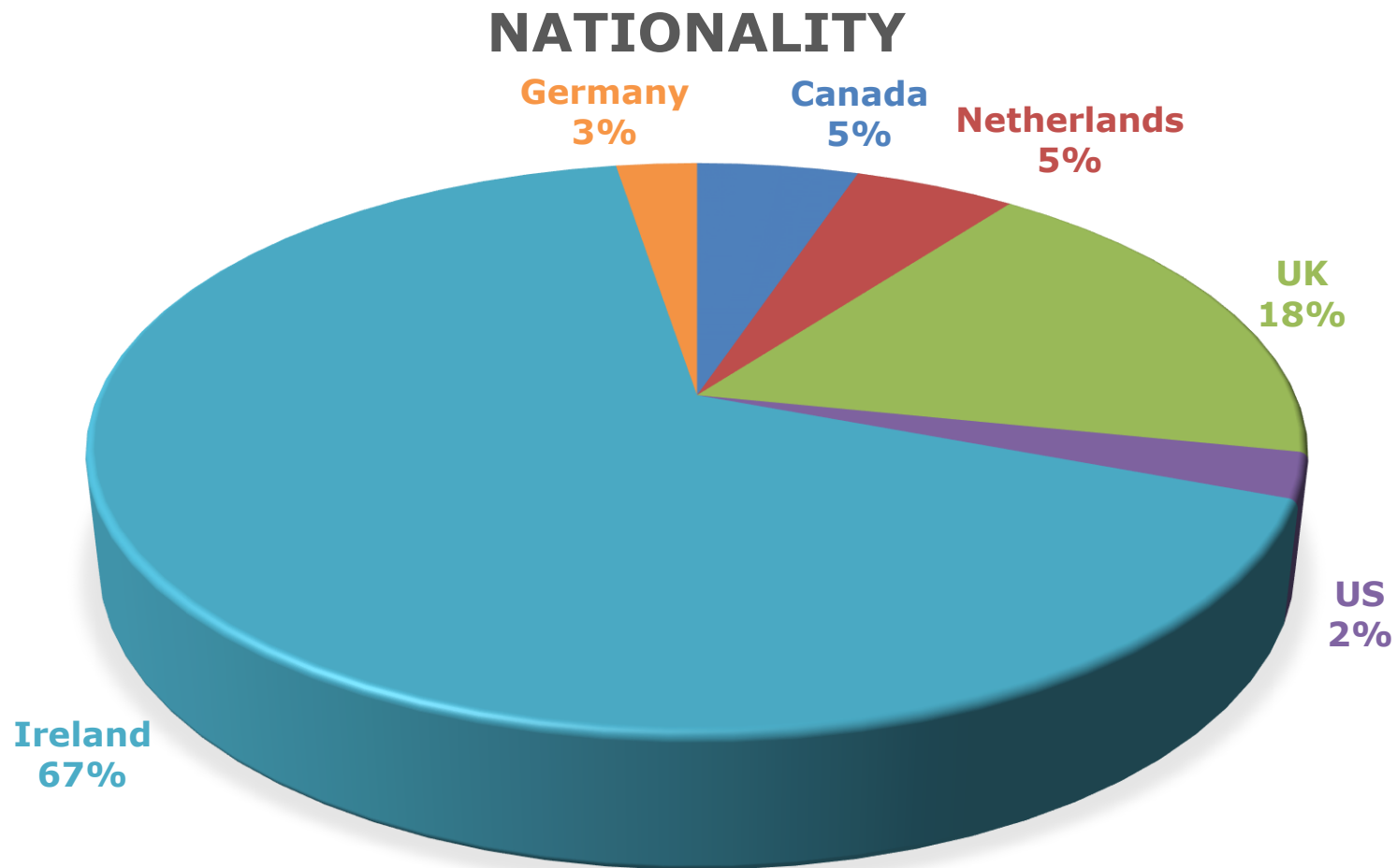


# Users - themes

## THEMES



# Users - nationality



# Plans

- Plans for new Irish reanalysis
  - Learn from MÉRA experiences
  - Learn from Copernicus C3S High-resolution Regional Reanalysis projects
  - Decide how much we want to achieve
- Watch this space!





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#mera2019 #reanalysis