



## **PARALLEL SESSION 2.2**

**INTELLIGENCE SYSTEMS AND INSTITUTIONAL CAPACITIES IN RESPONSE TO  
NCDS**



## | BACKGROUND

The burden of non-communicable diseases is expected to increase tremendously in the coming decade, driven in part by the confluence of rising obesity and rapidly ageing societies. National surveys on health and behavior offer valuable insights into the scale of the NCD burden, and the intelligence system underpinning a country can be further extended to evaluate the success of national programmes in prevention, screening, and disease management.

## | OBJECTIVES

This session focuses on the importance of strategies that are data-guided and evidence-based, to highlight the importance of strengthening institutional and community-based capabilities in the use of intelligence systems to address the systemic and long-term challenges that lead to the rise of NCDs.





Panelist

## Julian Flowers

*Head of Public Health Data Science*

Public Health England  
United Kingdom

Julian Flowers is a Consultant in Public Health Medicine at Public Health England and Honorary Professor at University College London, where he is helping develop the Centre for Public Health Data Science as part of the Institute for Health Informatics. At Public Health England he leads the recently established Public Health Data Science team. He has a long standing interest in health intelligence, having established one of the regional public health observatories in England and an equivalent NHS observatory. He now leads part of PHE's work on developing precision public health combining data science, marketing and digital inputs to make best use of routine and digital data to devise interventions to improve population health.

