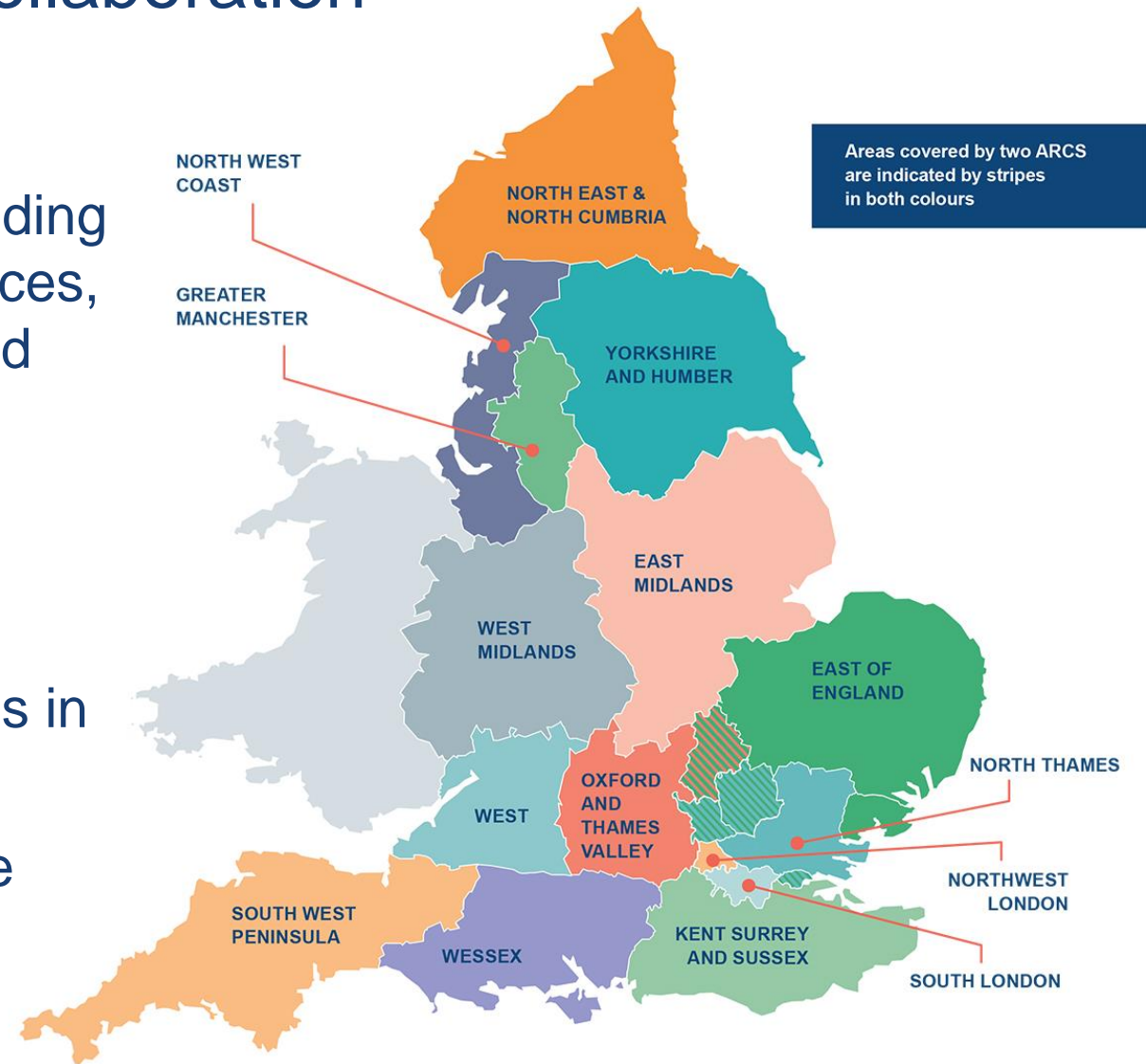# How to use our event platform

- Stage area for main sessions

- Use chat for questions – put a Q in front

- Go to helpdesk in the Sessions area for technical issues

- During breaks go to Expo area to find out more about ARC West and HDR UK or meet new people in Networking area

- Sessions area for parallel sessions this afternoon

NIHR | Applied Research Collaboration West

What is an Applied Research Collaboration or ARC?

- **Collaborations of local partners**, including providers of health and social care services, commissioners, universities, industry and third sector organisations

- We work together to conduct **excellent applied health research leading to implementation and evaluation of innovation** addressing the priority needs in our region

- **Co-produced** with our **partners** and the **public**

Areas covered by two ARCS are indicated by stripes in both colours

NORTH WEST COAST

NORTH EAST & NORTH CUMBRIA

GREATER MANCHESTER

YORKSHIRE AND HUMBER

EAST MIDLANDS

WEST MIDLANDS

EAST OF ENGLAND

NORTH THAMES

OXFORD AND THAMES VALLEY

WEST

NORTHWEST LONDON

SOUTH WEST PENINSULA

WESSEX

KENT SURREY AND SUSSEX

SOUTH LONDON

NIHR | Applied Research Collaboration West

Applied health and care informatics

- Using integrated routine data at scale to make health and care services better
  - Evaluation of implementation of novel interventions
  - Better understanding and prediction of service use and need
  - Better, quicker understanding of emerging threats

Particular challenges

- Information governance

- Integration across multiple information systems

- Data quality
  - Missingness and mis-classification
  - Important detail hidden in free text

- Evidence based culture nascent in social care compared to health care

Exceptional potential

- Real world, near real time evaluation of the value and impact of Integrated Care Systems

  - Care for vulnerable adults

    - Particularly those experiencing complex multi-morbidity

    - Particularly those in residential care settings

  - Care for vulnerable children and "troubled" families

    - Particularly those in or on the edge of the public care system

What's happening today?

- Exploring the potential

- Addressing the challenges

- Exemplar projects from Children's and Adult Social Care

Some closing thoughts

- Making the most of new platforms takes practice
  - Well done to our fantastic speakers for overcoming these!
- Covid has catalysed positive change at pace in accessibility and use of data relevant to social care
  - Still some way to go to "catch up" with "health" data
  - How will this momentum be maintained post-Covid?
- Focus inevitably mainly on adults – children, especially vulnerable children perhaps less of a focus
- Enhancing the potential of the D&C NCS national datasets through integration of social care data and social care relevant data

More….

- Every data point has meaning for an individual
- Routinely collected does not imply "routine"
- Just do it for PPIE

  Thanks
- Jan, Simon and the Autumn Events team
- All our speakers
- All our delegates and your patience and participation
- Zoe, Lara and Alice

Thank you

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