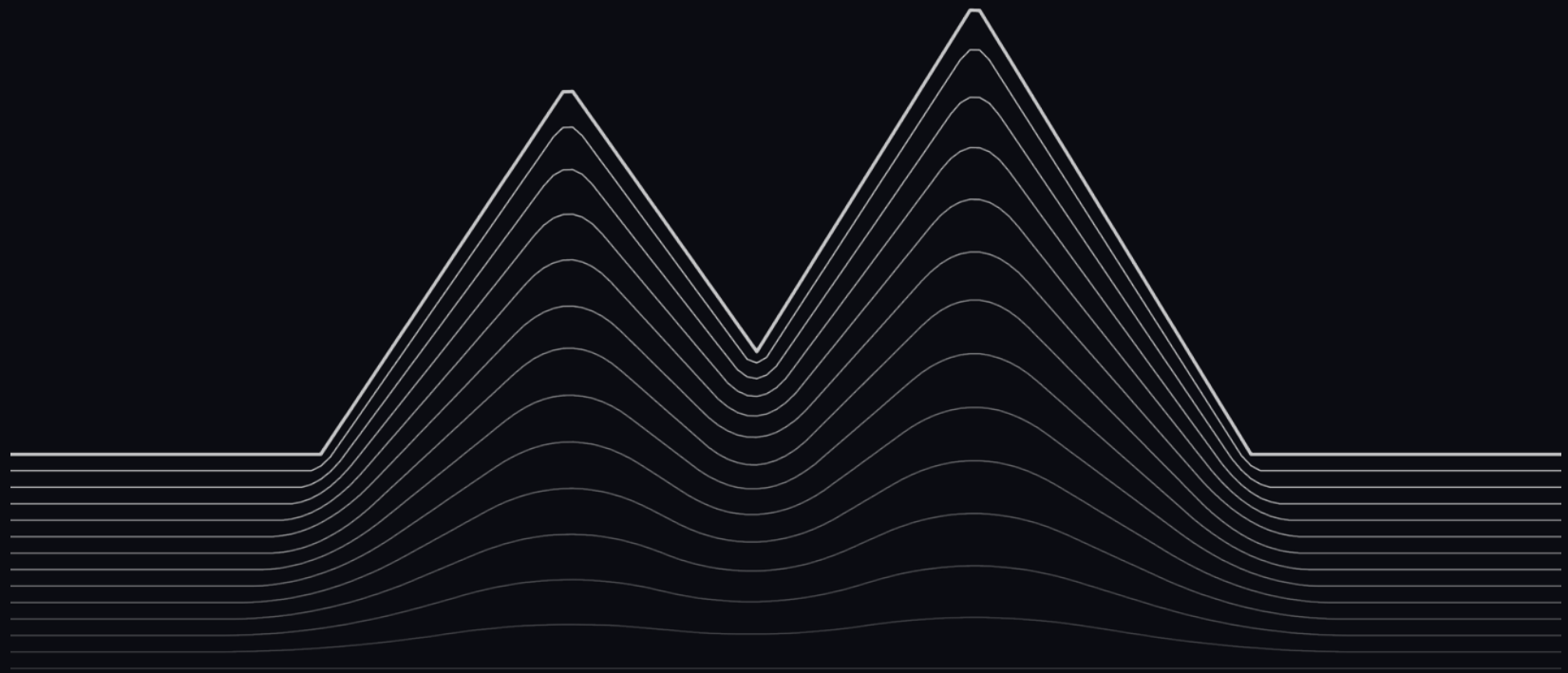
Mental Health Goals

NATIONAL PROGRAMME



Meet the Data & Digital Industry Alliance Team (DIGIT)

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Database Lead

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AMT, co-lead

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C–FIT

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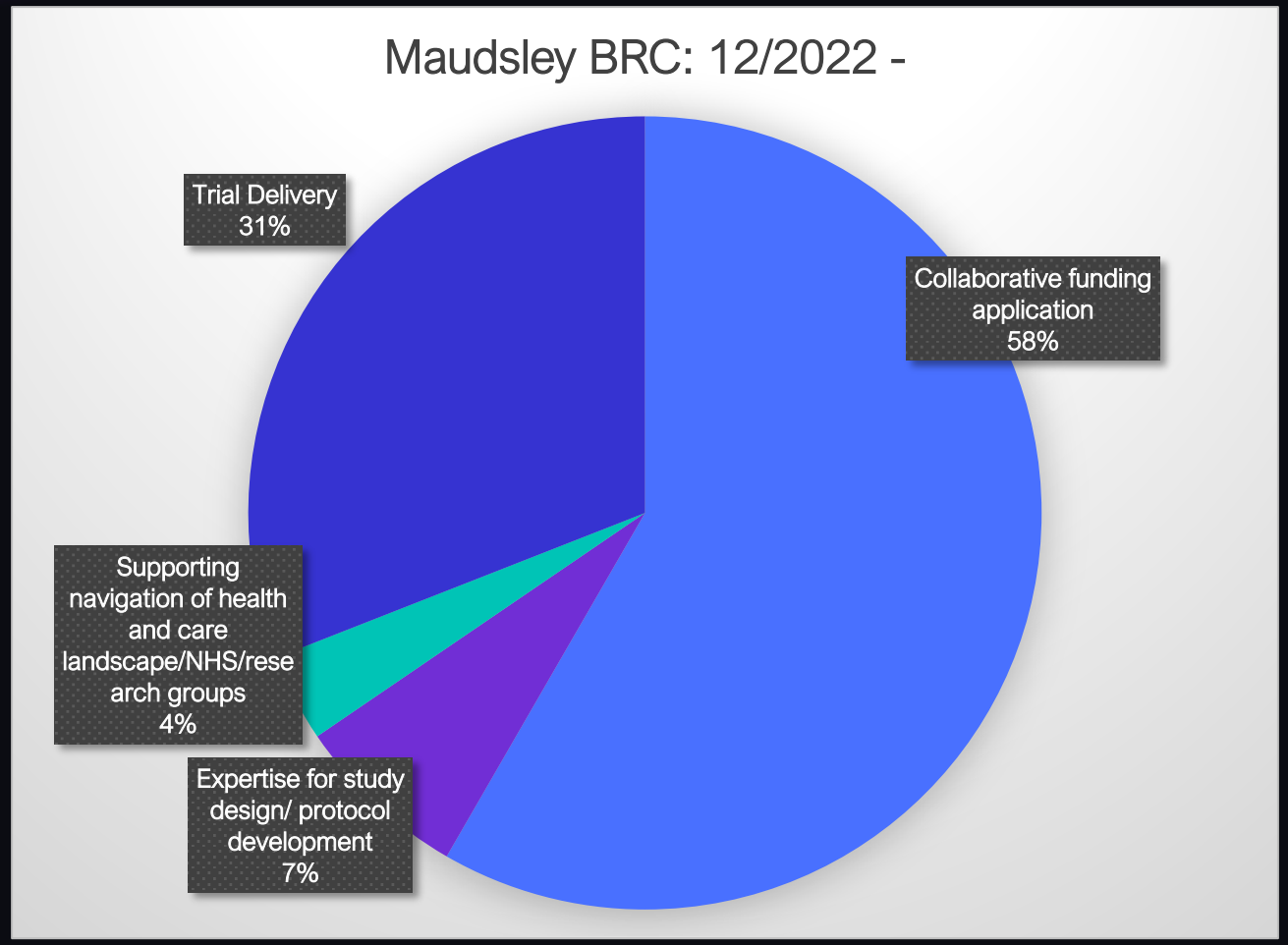


neurocentrx

COMPASS THERAPEUTICS

FISIC Medimate

NEUROCRINE® BIOSCIENCES

karavela

Boehringer Ingelheim

SEEK

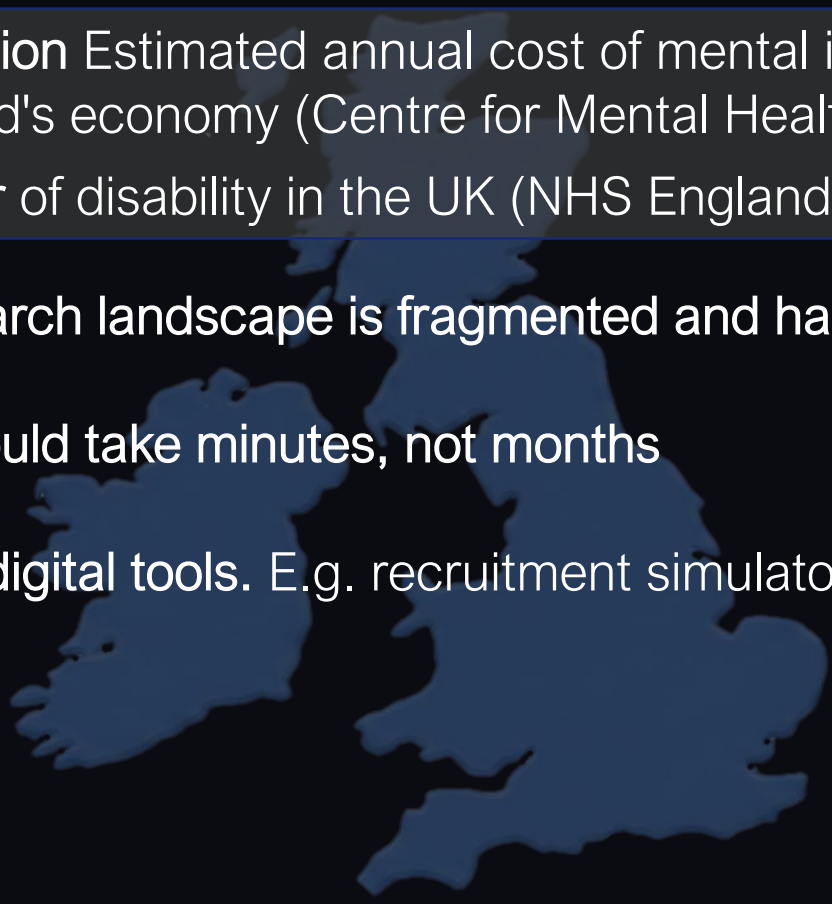
Why DIGIT is needed

DIGIT
Capabilities Database

£300 billion Estimated annual cost of mental ill health to England's economy (Centre for Mental Health, 2024)

#1 driver of disability in the UK (NHS England, 2023/24)

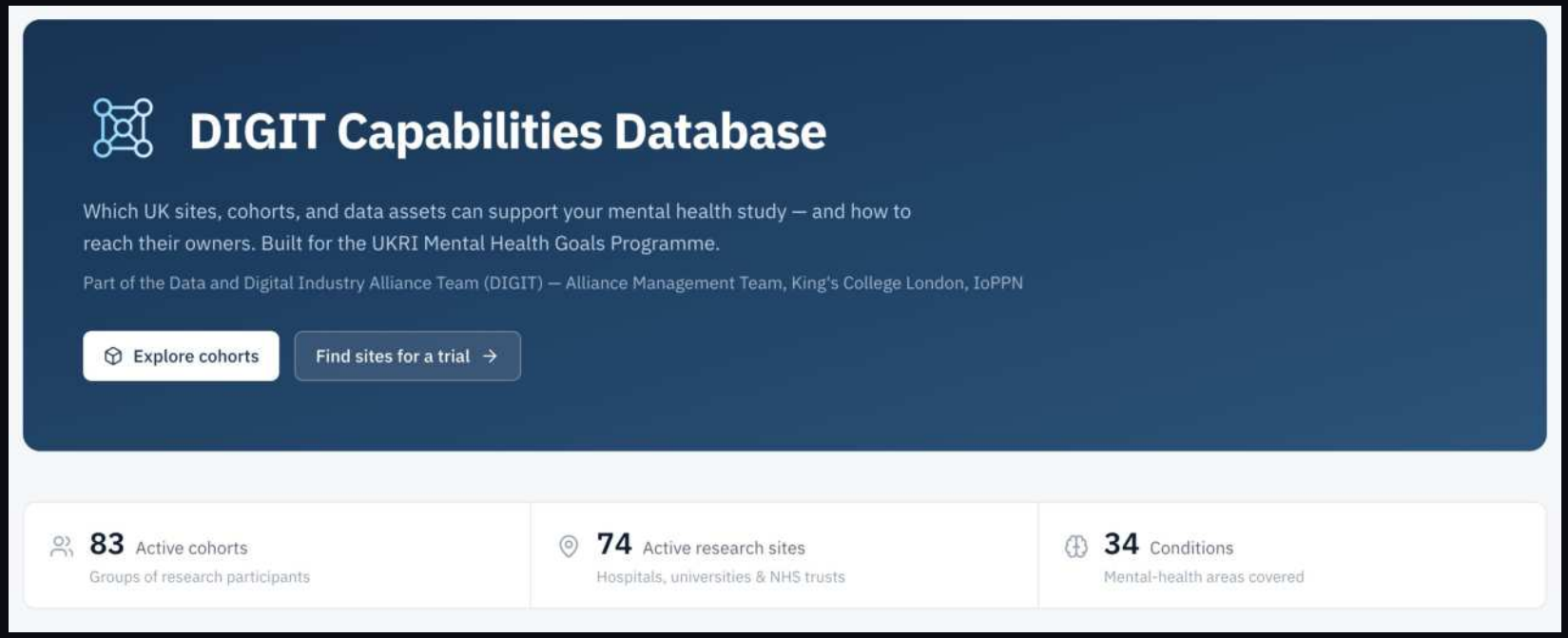
- The UK mental health research landscape is fragmented and hard to navigate
- Finding the right cohort should take minutes, not months
- **We are also building other digital tools.** E.g. recruitment simulator and resource allocation tool



Our scope extends across the full spectrum of neuropsychiatry

DIGIT Capabilities Database

A **single searchable platform** giving industry and researchers an instant window into the UK's mental health research landscape: **metadata information on cohorts, data availability, site capabilities & access**



https://capabilities.mentalhealthgoals.co.uk/

Current stage: Validating Cohorts and Sites

End Goal – Establish **Automated Validation** process with most cohorts and sites

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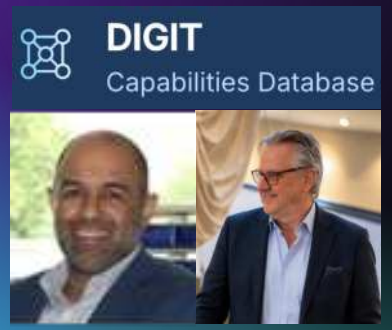

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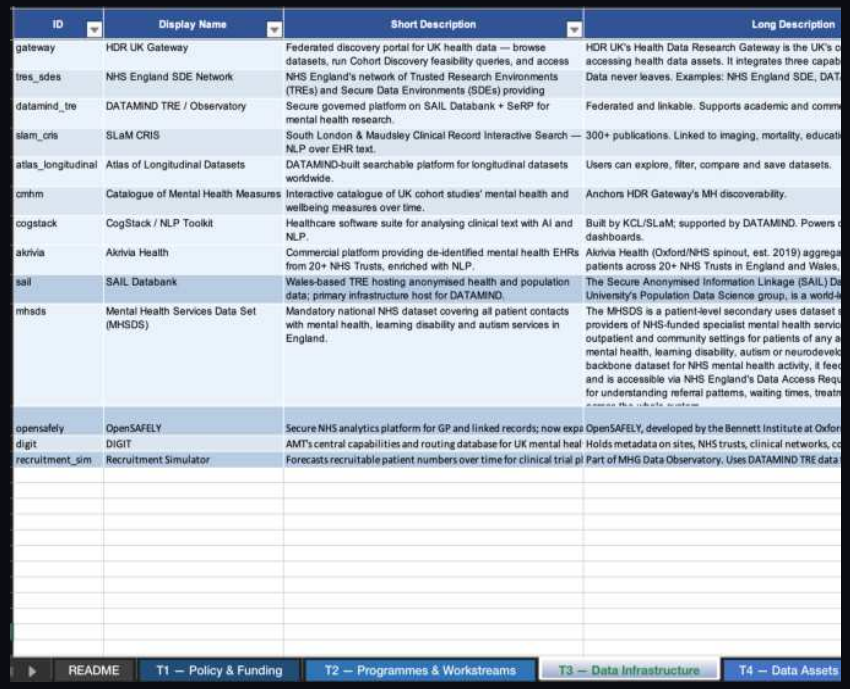
The MHG Ecosystem: Mental Health Research Landscape

DIGIT Capabilities Database

A live interactive **knowledge graph** of the UK mental health research ecosystem - showing who funds, who leads, and how every programme, workstream, data asset and person connects

Master sheet

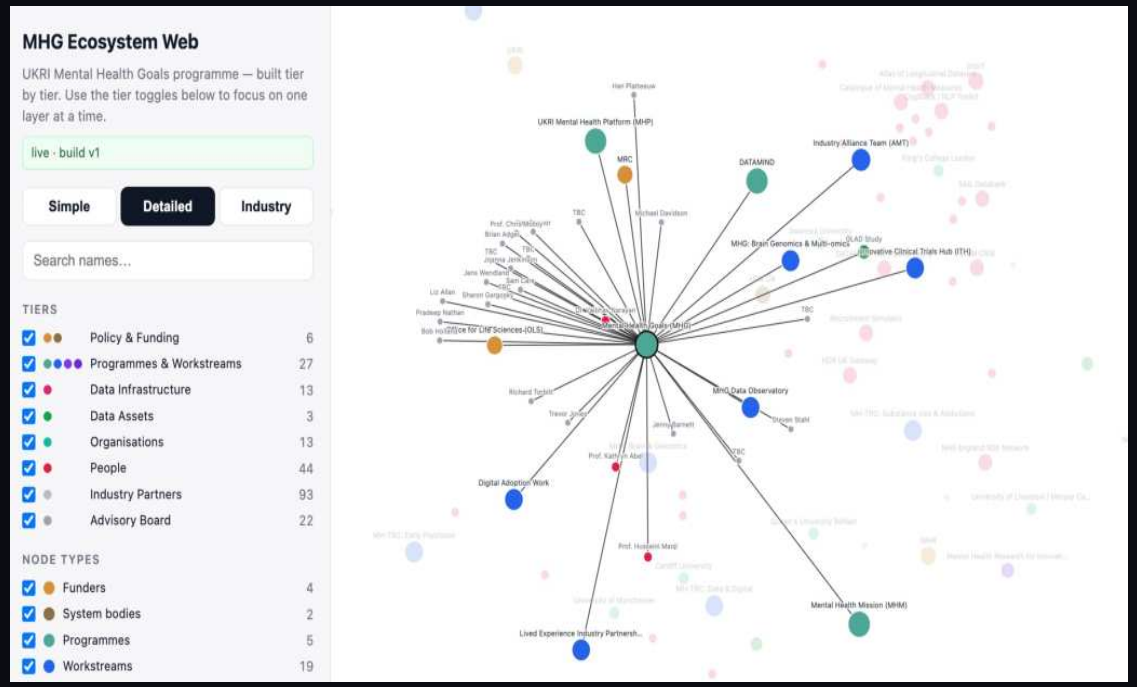
MHG Ecosystem Tiers
T1 — Policy & Funding
T2 — Programmes & Workstreams
T3 — Data Infrastructure
T4 — Data Assets
T5 — Organisations
T6 — People
T7 — Industry Partners
T8 — Industry Advisory Board
Edges



ID	Display Name	Short Description	Long Description
gateway	HDR UK Gateway	Federated discovery portal for UK health data — browse datasets, run Cohort Discovery feasibility queries, and access	HDR UK's Health Data Research Gateway is the UK's c accessing health data assets. It integrates three capab
tres_sdes	NHS England SDE Network	NHS England's network of Trusted Research Environments (TREs) and Secure Data Environments (SDEs) providing	Data never leaves. Examples: NHS England SDE, DAT
datamind_tre	DATAMIND TRE / Observatory	Secure governed platform on SAIL Databank + SeRP for mental health research.	Federated and linkable. Supports academic and comm
slam_cris	SLaM CRIS	South London & Maudsley Clinical Record Interactive Search — NLP over EHR text.	300+ publications. Linked to imaging, mortality, educati
atlas_longitudinal	Atlas of Longitudinal Datasets	DATAMIND-built searchable platform for longitudinal datasets worldwide.	Users can explore, filter, compare and save datasets.
cmhm	Catalogue of Mental Health Measures	Interactive catalogue of UK cohort studies' mental health and wellbeing measures over time.	Anchors HDR Gateway's MH discoverability.
cogstack	CogStack / NLP Toolkit	Healthcare software suite for analysing clinical text with AI and NLP.	Built by KCL/SLaM; supported by DATAMIND. Powers c dashboards.
akrivia	Akrivia Health	Commercial platform providing de-identified mental health EHRs from 20+ NHS Trusts, enriched with NLP.	Akrivia Health (Oxford/NHS spinout, est. 2019) aggrega patients across 20+ NHS Trusts in England and Wales,
sail	SAIL Databank	Wales-based TRE hosting anonymised health and population data; primary infrastructure host for DATAMIND.	The Secure Anonymised Information Linkage (SAIL) Da University's Population Data Science group, is a world-l
mhsds	Mental Health Services Data Set (MHSDS)	Mandatory national NHS dataset covering all patient contacts with mental health, learning disability and autism services in England.	The MHSDS is a patient-level secondary uses dataset providers of NHS-funded specialist mental health servic outpatient and community settings for patients of any a mental health, learning disability, autism or neurodevelo backbone dataset for NHS mental health activity, it feed and is accessible via NHS England's Data Access Requ for understanding referral patterns, waiting times, treatm
opensafely	OpenSAFELY	Secure NHS analytics platform for GP and linked records; now expa	OpenSAFELY, developed by the Bennett Institute at Oxfor
digit	DIGIT	AMT's central capabilities and routing database for UK mental heal	Holds metadata on sites, NHS trusts, clinical networks, c
recruitment_sim	Recruitment Simulator	Forecasts recruitable patient numbers over time for clinical trial pl	Part of MHG Data Observatory. Uses DATAMIND TRE data

README | T1 — Policy & Funding | T2 — Programmes & Workstreams | T3 — Data Infrastructure | T4 — Data Assets

Visualisation



223 nodes: every distinct entity in the ecosystem
197 edges: every meaningful relationship between those entities