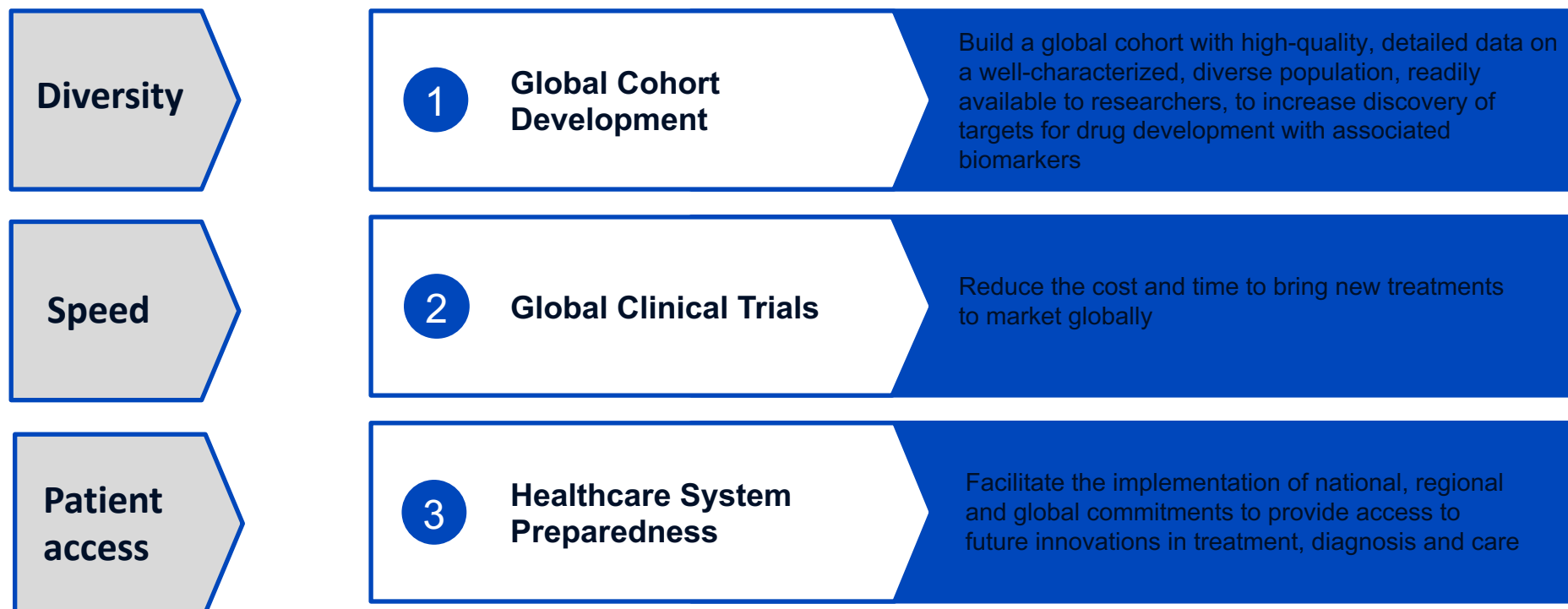


An Initiative for Speeding Innovation

2023

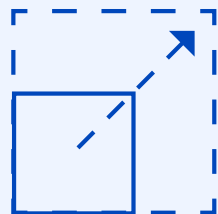
A Comprehensive Global Response to a Growing Threat

Our Focus on Driving Alzheimer's Innovations



A Comprehensive Global Response

Our Approach to Speeding Innovation



**1. Achieving
Global Scale**



**2. Linking
Regional and
Sectoral
Efforts**



3. Engaging LMIC



Addressing Global Unmet Needs A Track Record of Spurring Innovation



Funds increased access to immunizations

\$900M launch
\$19B to date



Funds vaccines research for emerging infectious diseases

\$750M launch
\$2B to date



Funds innovation in Alzheimer's disease

\$750M goal at launch



The Davos Alzheimer's Collaborative

Taking the Next Step to Respond to Global Commitments

2013



Ministers from each of the G7 countries committed to a 12-point plan to set an ambition goal to speed innovation.

2017



Set a global action plan at the World Health Assembly aimed at making a difference to the lives of people affected by dementia.

2019



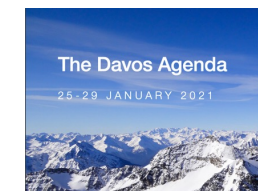
G20 commits to promote healthy and active ageing and implement comprehensive set of policies to address dementia.

2020



Presentation during the 2020 Annual Meeting in Davos charges WEF and CEOi to develop a multi-year collaborative to change the pace of innovation in Alzheimer's disease research and care

2021



A \$700+M collaboration announced

Link:
http://www3.weforum.org/docs/WEF_The_Davos_Agenda_Overview_2021.pdf

A Comprehensive Global Response

Approximate Expense Budget for Programs

		Foundational Phase (2021-2022)	2023-2026	Total	
1	Global Cohort Development	<p>Goal</p> <p>Build a global cohort with high-quality, detailed data on a well-characterized, diverse population to increase discovery of targets for drug development and identify associated biomarkers</p>	\$10M	\$355M	\$365M
2	Global Clinical Trials	<p>Goal</p> <p>Build a global platform and network to reduce the cost and time to bring new treatments to market globally</p>	\$3M	\$242M	\$245M
3	Healthcare System Preparedness	<p>Goal</p> <p>Facilitate the implementation of global commitments to provide access to future innovations in treatment, diagnosis and care</p>	\$10M	\$90M	\$100M
				\$710M	



Global Cohort Development

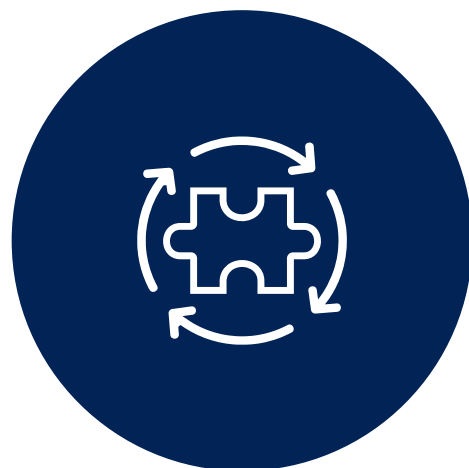


Global Cohort Development Program



The Issues We Face

- Incomplete global understanding of the heterogeneity and the variability of Alzheimer's etiology
- Need for new targets and biomarkers for drug development



Our Commitment

- Build a global cohort of 1 million people with high-quality, detailed data on a well-characterized, diverse population, readily available to researchers, to increase discovery of targets for drug development with associated biomarkers

Global Cohort Development Program

Select Accomplishments to Date

Scale



Enrich Cohorts Around the World

Secured participation from **23 cohorts** representing over **130,000** people and partnership with **22+ cohorts** in a network in Europe and South America.

Completed trans-ethnic AD **Polygenic Risk Score** pilot.

Diversity



Prioritize Low to Middle Income Countries

Initiated digital phenotyping in **Malaysia** and **Argentina**.

Broad Data Access



Decentralize Data Access

Partnership with Gates Ventures'-funded **ADDI**.

New Tools



Increase Data Collection Methods

Reviewing potential leap-frog technologies (e.g., eye scanning, breath analysis, etc.).

Healthcare System Preparedness

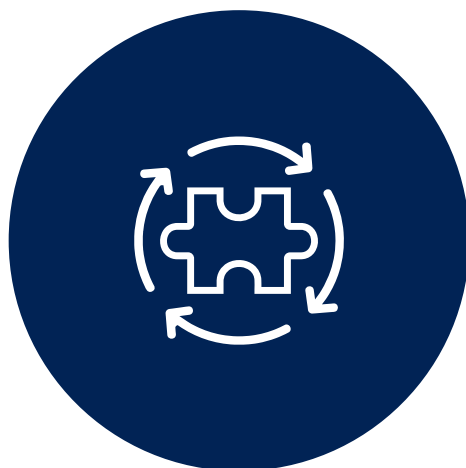


Healthcare System Preparedness



The Issues We Face

- The aging global population, which increases the number of families with Alzheimer's, has a dramatic impact on national budgets, global economic growth and monetary policy
- Healthcare systems are not prepared to detect cognitive change, diagnose accurately, identify the right intervention or deliver future treatment

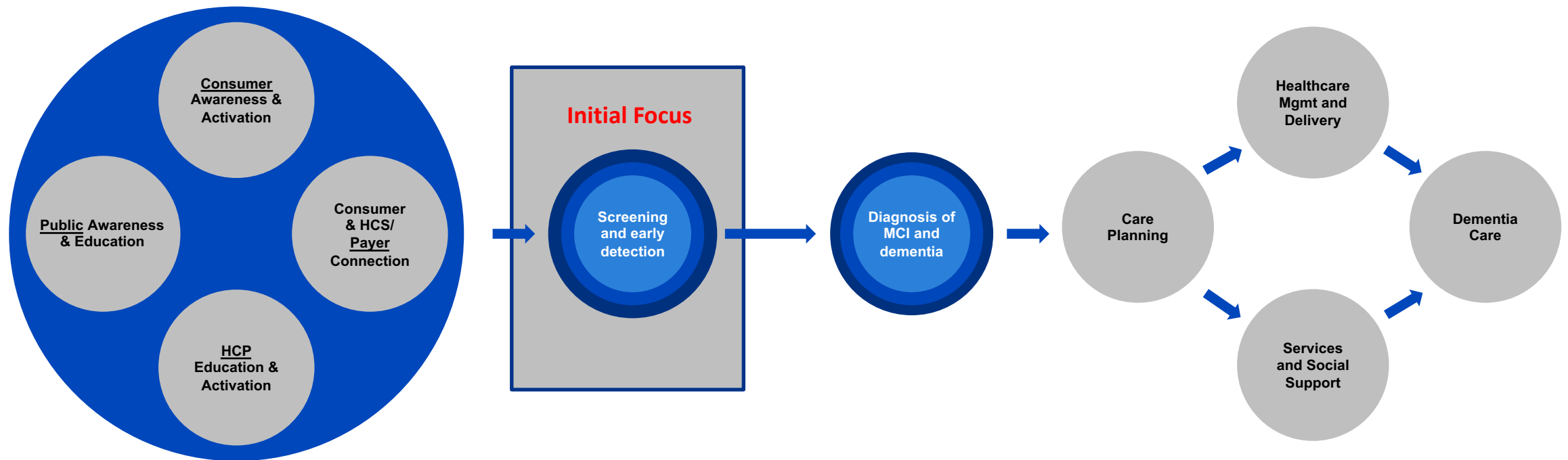
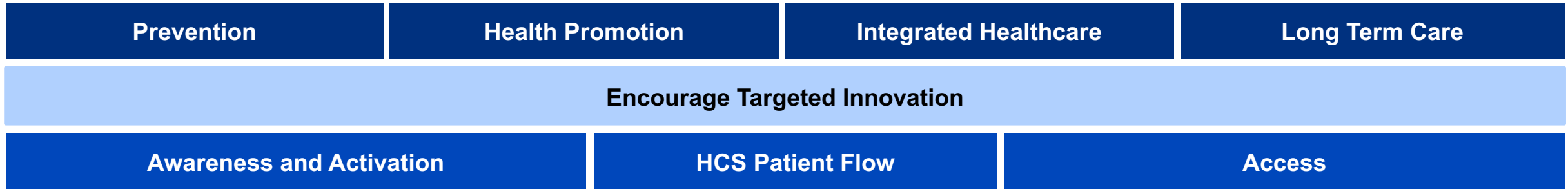


Our Commitment

- Facilitate the implementation of national, regional and global commitments to provide access to future innovations in treatment, diagnosis and care

Patient Pathway

DAC Intends to Catalyze and Scale Innovation Across the Individual and Family Journey



Healthcare System Preparedness Program

Select Accomplishments to Date

Flagship Projects



Design and Implement Pilots

7 pilots in 6 countries created – focused on disease **detection**.

Japan, Jamaica, UK, Mexico, Brazil and the US (2).

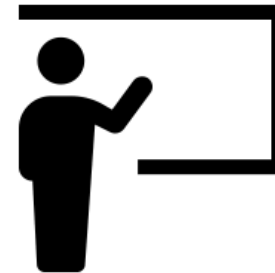
Locally Driven Pilots



Crowdsource Innovation

\$4.5M RFP issued – focused on **detection** – which is funding 12 programs across the globe.

Communities of Practice



Facilitate and Embed Change

Monthly meetings held with flagship sites to share learnings and problem solve ultimately develop a durable tool kit for agile scaling.

Learning Labs



Drive Adoption of Best Practices

Bi-annual meeting of governments and healthcare system executives initiated and metrics established to drive accountability.



Global Clinical Trials Support Platform

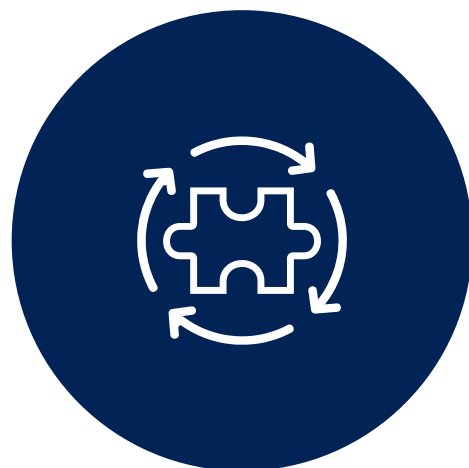


Global Clinical Trial Network Program



The Issues We Face

- Clinical trials for Alzheimer's disease therapies are long, slow and expensive – delaying getting treatments to patients and providing care for those impacted by the disease.



Our Commitment

- Build and activate regional and global clinical trial networks and design advanced clinical trials that reduce the time, cost and improve the quality of AD clinical trials.
- Work with the other DAC initiatives to catalyze recruitment for clinical trials and development of reliable digital and blood biomarkers.

Clinical Trials Program

Select Accomplishments to Date

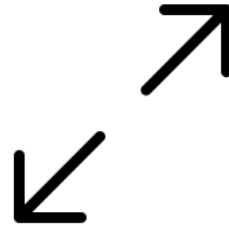
GAP European Network



Design and Engage Sites

30 sites committed

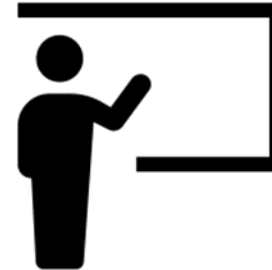
Scale w/Scottish NHS



Design Clinical Trial Referral System w/Scottish NHS

Currently negotiating MOU with Scottish NHS, Scottish memory clinics and Scottish/EUR trial network

Transatlantic Trials



Design Transatlantic Trials with Sponsors

Secured 1 Therapeutic study and Biomarker study for use of NA/EUR Network

ROW Trials



Mapping additional countries to add to CT Network

In discussions with Site Networks in Australia, China, Japan, Singapore, South Korea



COMMITTED TO
IMPROVING THE STATE
OF THE WORLD

Thank You

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