



European foundations - global perspectives

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welcometrust



Wellcome Trust

Our **vision** is to achieve extraordinary improvements in human and animal health

Our **mission** is to support the brightest minds in biomedical research and the medical humanities

- an independent research-funding charity
- established 1936
- spend around £600m pa - funded from private endowment
- three focus areas:
 - supporting outstanding researchers
 - accelerating the application of research
 - exploring medicine in historical and cultural contexts



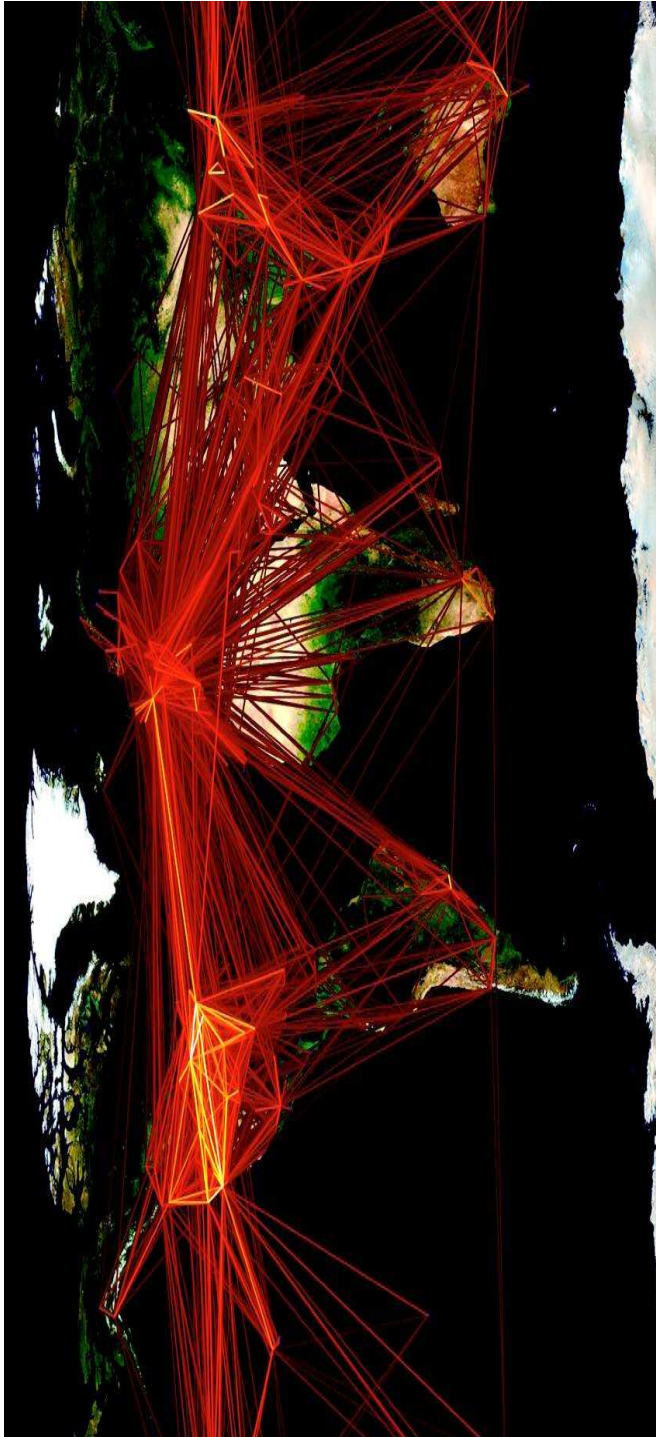
The difficult art of giving...

“I am in trouble Mr Gates... The pressure of these appeals for gifts has become too great for endurance....I am so constituted as to be unable to give away money with any satisfaction until I have made the most careful enquiry as to the worthiness of the cause. These investigations are now taking more of my time than Standard Oil itself.”

Letter from John D Rockefeller writing to Frederick T Gates, secretary of the American Baptist Education Society, 1892 (in *The Difficult Art of Giving*, Wilder Penfield, Little Brown and Co, 1967)

John D Rockefeller in 1895
The Rockefeller Archive Centre

welcome trust



The global context...

- globalization
- unstable economic markets:
 - poverty
 - debt
 - trade imbalance
- sustainability:
 - climate
 - population
 - water
 - energy
 - food
- security



Making a difference...

- poverty:
 - health
 - economic development
 - political and social development
- sustainability:
 - energy
 - infrastructure
 - people
- security:
 - all of the above



Foundations & Europe

Partnership not
substitution

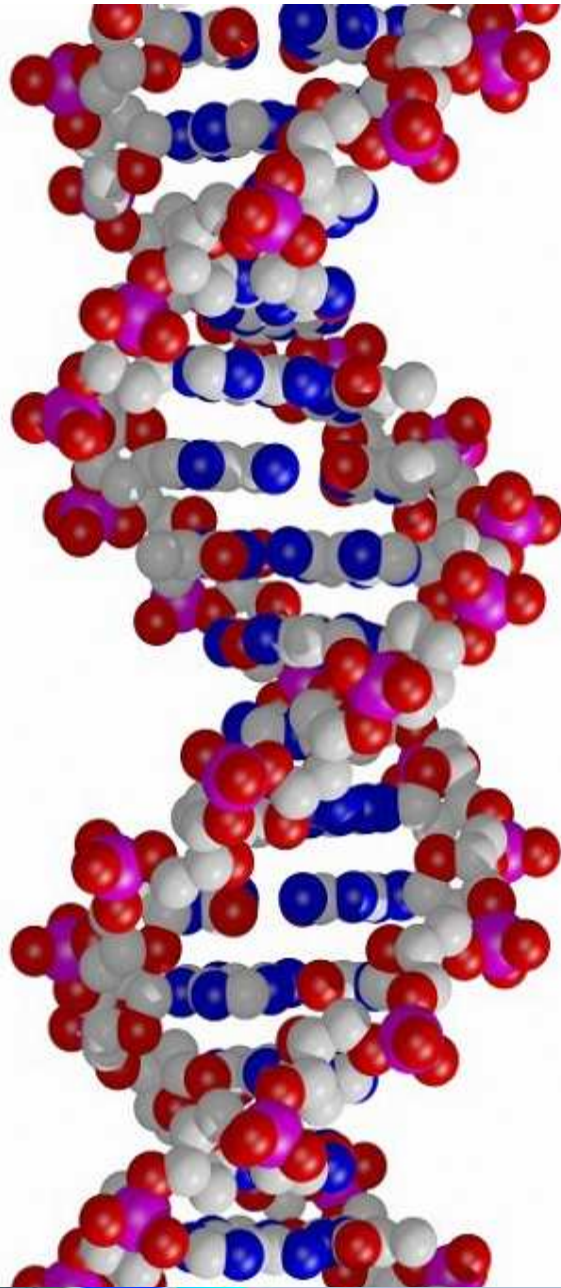


Excellence

Examples from the Wellcome Trust

- global medical science
- partnerships
- sustainability and capacity



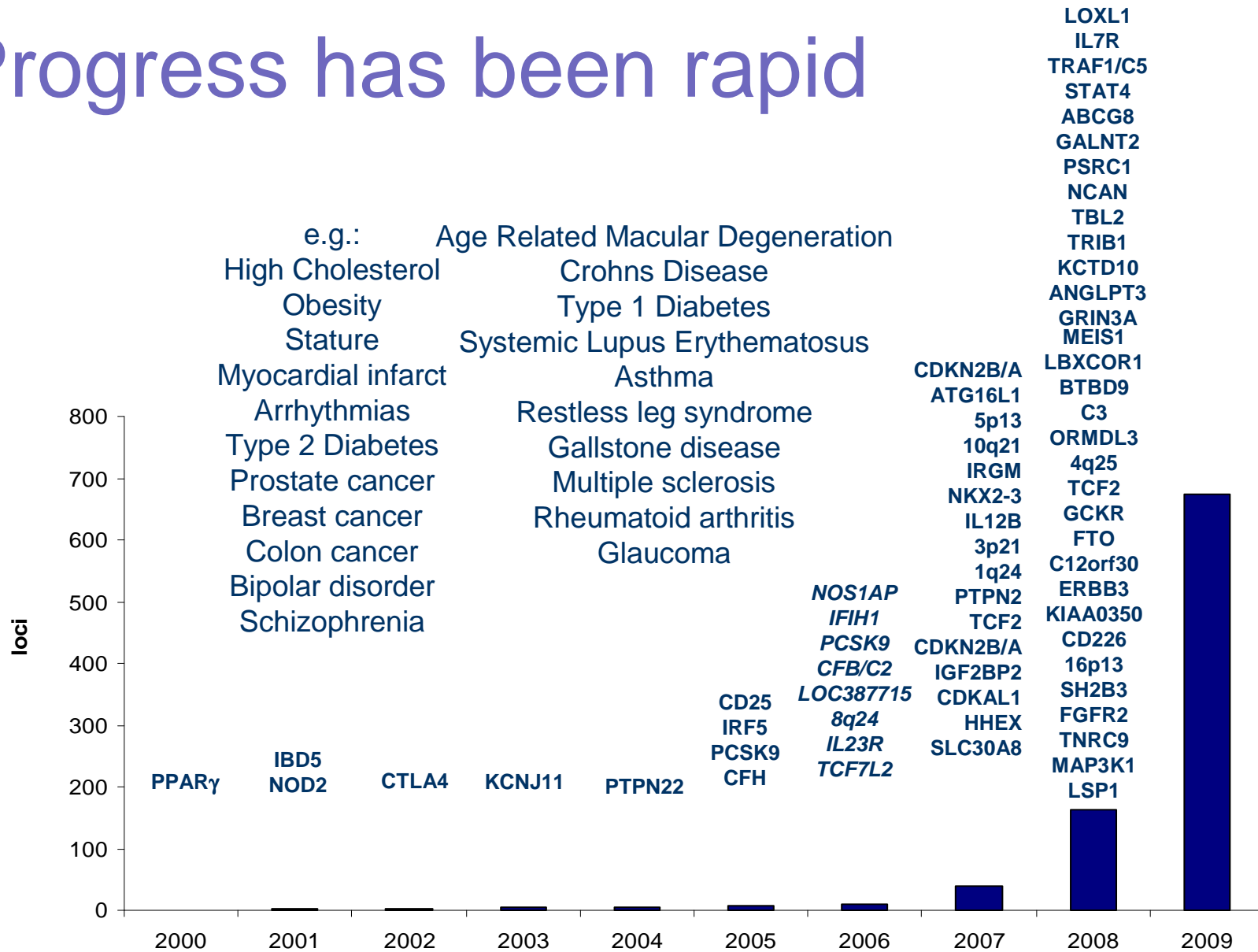


Global medical science

The human genome...

- Human Genome Project - international consortium
- gold standard sequence
- provides the foundations of genome sequence and genomic variation
- freely available to all
 - ◆ European Bioinformatics Institute

Progress has been rapid



Increasing number of QTLs and disease trait components

Courtesy of Leena Peltonen

year



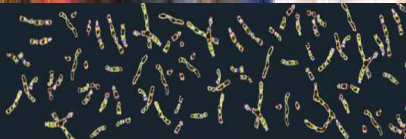
Global medical science

1000 Genomes Project

- create the most detailed and medically useful picture to date of human genetic variation
- receiving major support from:
 - Wellcome Trust Sanger Institute
 - Beijing Genomics Institute
 - NIH's National Human Genome Research
- data will be made swiftly available to the worldwide scientific community through freely accessible public databases

1000 Genomes

A Deep Catalog of Human Genetic Variation



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A satellite night view of India, showing the country's outline and internal city lights. The background is dark blue, representing the night sky. The text is overlaid on the image in white boxes with black text.

Partnerships India

WT-DBT India alliance: Fellowships
(£80 million over 5 years)

Srinath Reddy (£5 million)
Public Health Foundation of India

R&D for affordable healthcare
(£30 million over 5 years)

Anthony Costello (£5.5 million)
Maternal health and child survival

Training Fellowships in Public Health
and Tropical Health

Shah Ebrahim (£4.5 million)
South Asia Centre – Chronic diseases

MSD WT Hilleman
Laboratory



Partnership

MSD WT Hilleman Laboratories

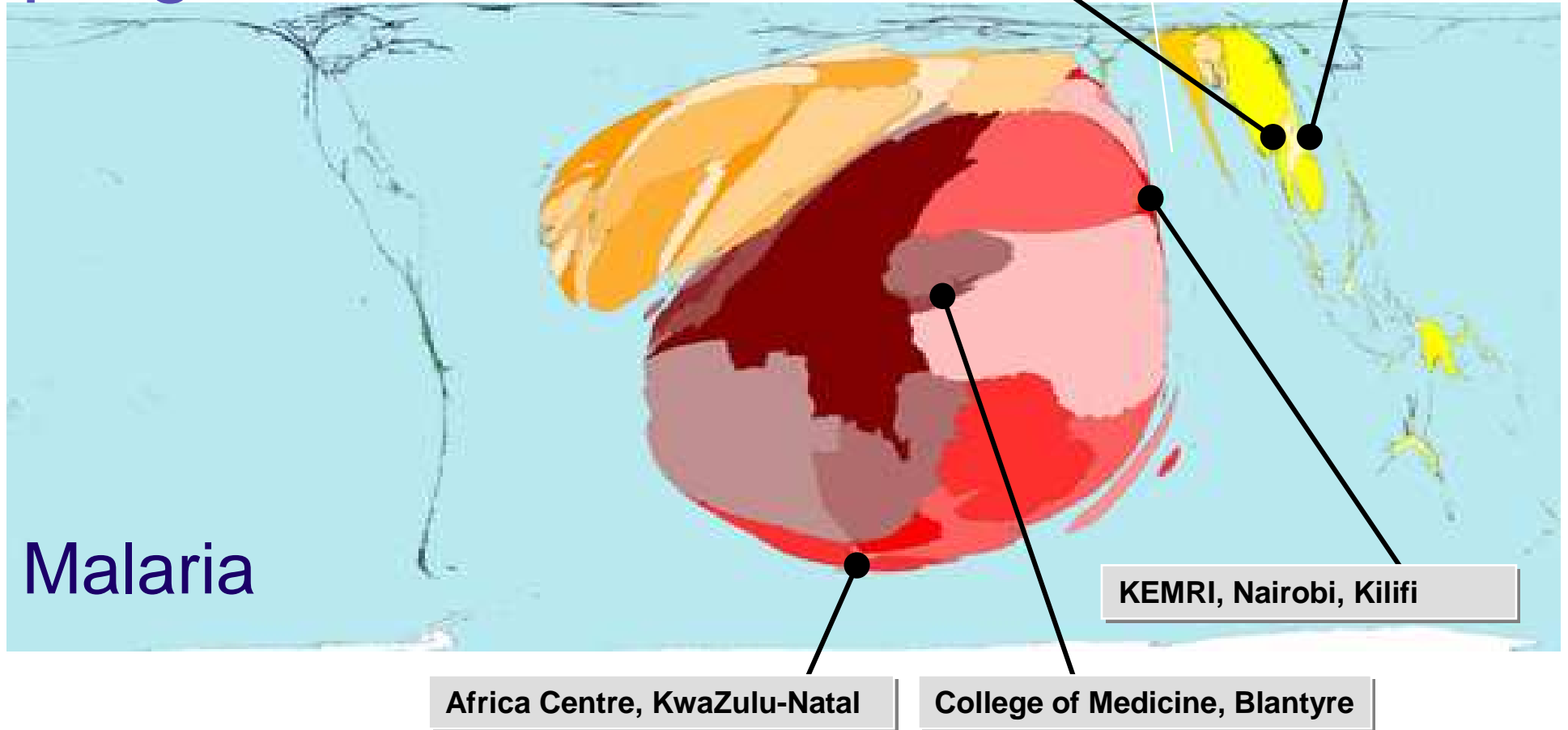
- Vision: A sustainable, not-for-profit operating model to turn innovative science into practical solutions for those in greatest need
- £90 million joint venture between Merck & Co and WT
- turning innovative basic science into practical and affordable vaccines
- new vaccines in areas of unmet need and optimization of existing vaccines
- range of business models to ensure fair results for all



MSD • Wellcome Trust
Hilleman Laboratories

Sustainability

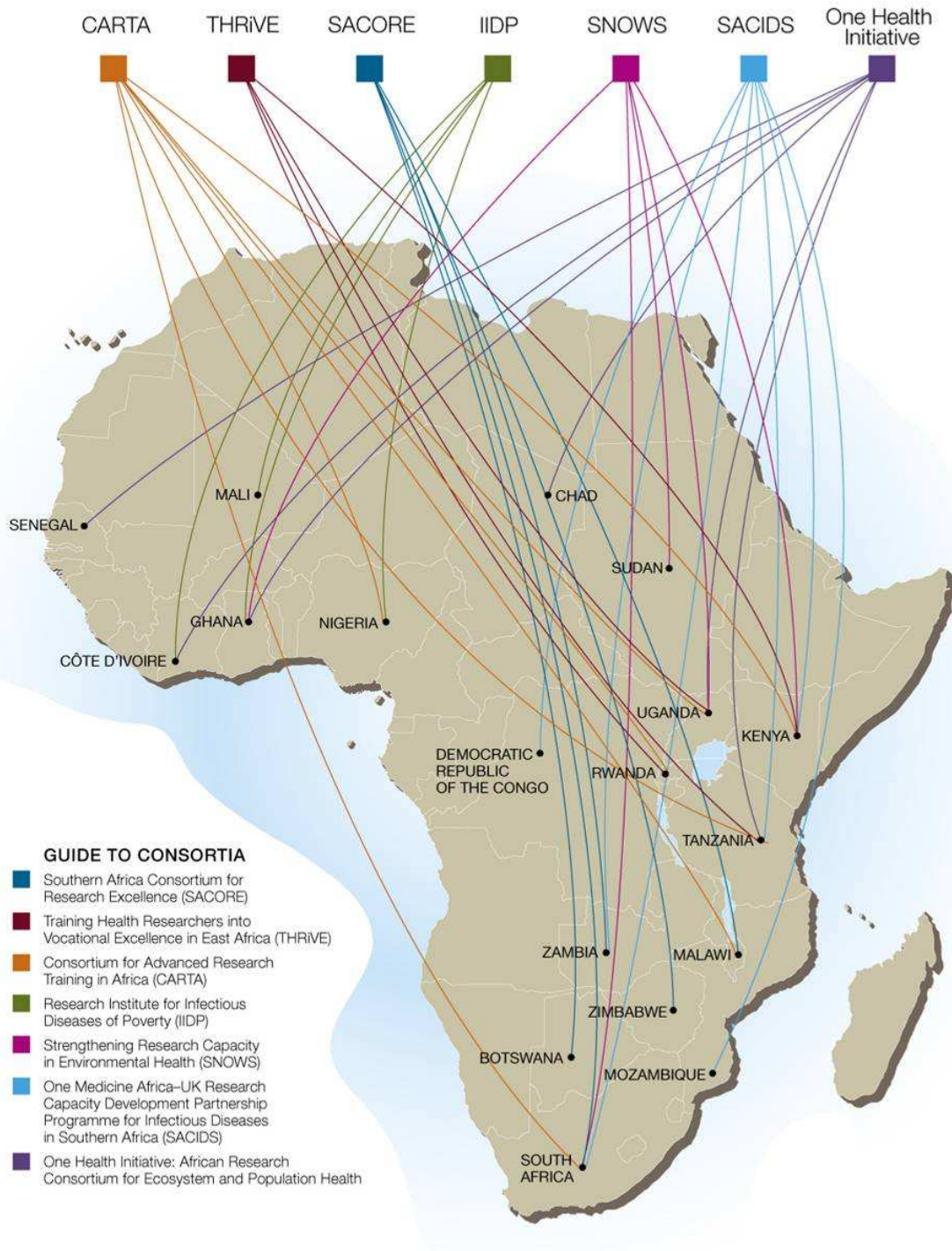
Major overseas programmes



Malaria

Building capacity African Institutions Initiative

- 7 awards made to consortia involving 70 institutions
- 5 year period starting August 2009
- £28m in total



LOWER CARBON
SAVES
LIVES



Health impacts of climate change mitigation

Electricity generation

- change to renewables would reduce particulate air pollution
- reduced deaths from heart and lung disease, especially in China and India

Transport

- reduced green house gases from vehicles
- reduced levels of cardiovascular disease, depression, diabetes and dementia

Household energy

- low-income countries: shift to low-emission stoves would avert millions of premature deaths
- high-income countries: improvements to ventilation and insulation would reduce cold-related deaths



Wipeout

A European game plan

EU/EC as an enabler first and regulator second

- **financial:** increasing the availability of funding and financing
 - ◆ Provide strong fiscal and tax environment in which endowments and fund raising charities can operate
- **skills-based:** developing the current and future workforce
- **regulatory:** creating tax incentives and removing regulatory barriers
- **cultural:** developing a culture that celebrates, rewards and enables innovation
- **market-driven:** building demand for innovative products and processes





The challenge to foundations

Creative institutions

“I believe that, after the first generation, inherited wealth loses the spirit and values of the people that earned that wealth.....The culture of those in charge becomes not too dissimilar from the culture of the government bureaucracies who dispense funds confiscated from the taxpayer.”

Joseph J Jacobs, The Compassionate Conservative (1996)

“I think it is inevitable that as trustees and officers of perpetuities grow old they become more concerned to conserve the funds in their care than to wring from these funds the greatest possible usefulness.....The cure for this disease is a radical operation. If the funds must exhaust themselves within a generation, no bureaucracy is likely to develop around them.”

Julius Rosenwald, Principles of Public Giving (1929)



Key features of Foundations

- Independence
- Financial assets
- Intellectual assets
- Fleet of foot
- Leverage

Underpinned by:

- Strong vision and mission
- Impeccable integrity and values
- Excellent governance
- Brand





What foundations cannot do...

- substitute for Government
- enter into open-ended funding commitments
- work without financial commitment from other partners
- work without consent
- everything