

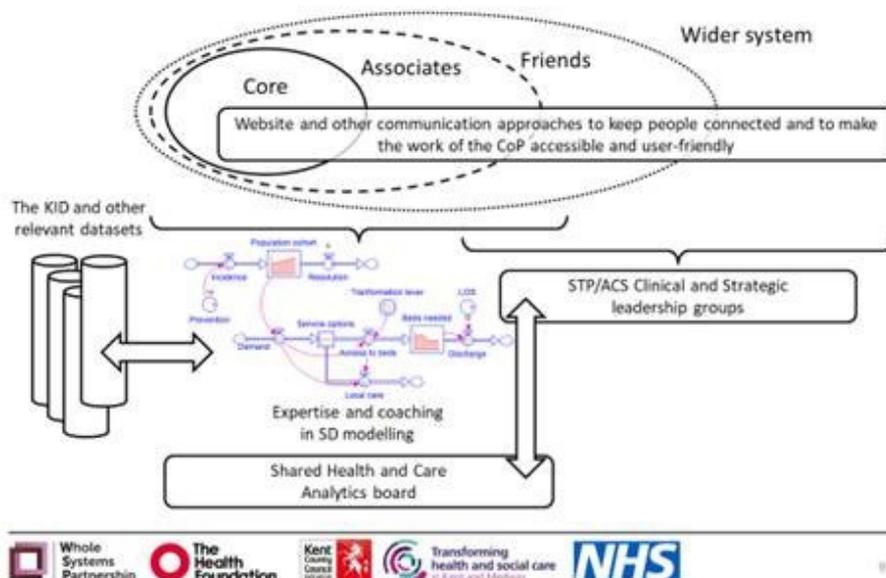
Developing a community of practice around capacity planning for the Kent and Medway STP

The Kent & Medway STP represents a £3.6 billion health and care economy with a population of over 1.8 million with 8 CCGs and 2 county councils responsible for much health, social care and public health commissioning across hundreds of local care providers. To date, the STP / ACO planning process has been largely carried out by successive external consultancies using different analytical methods and assumptions generating different results. This poses challenges in their adoption and application for future forward planning at a whole system level.

As part of the Health Foundation AAA programme, funding will be used to set up a local 'Community of Practice' (CoP) or peer learning group that will oversee the development, validation and use of a set of activity, finance and workforce planning models using a consistent set of assumptions and underpinned by a well established modelling methodology known as Systems Dynamics (SD). The CoP will heavily depend on 4 things:

1. Training and mentoring support from Whole Systems Partnership (WSP), a specialist consultancy in the field of SD, having already completed a variety of demand modelling projects in Kent over the last 2 years across a number of programme areas such as mental health, fuel poverty, healthy lifestyle, frailty and other integrated care initiatives. A new Darzi Fellow will be joining the CoP this year to provide additional project management.
2. Use of variety of national and local data sources, particularly Kent Integrated Dataset, a pilot programme which has been in existence for a number of years to link person level health and care administrative data for applied analytics. Such a dataset will help considerably in generating complex assumptions ie. Risk attributable fractions (for different risk factors, population groups & service contact rates) which will underpin model calibration, initialization and high level flow dynamics.
3. Regular engagement and participation from a select group of committed local health and care staff from different organizations and professional backgrounds – clinician, commissioner, senior analyst & finance. Staff have the option of participating at different levels – core, associate or as friend (see picture) depending of the level of expertise they wish to adopt.
4. Robust governance and leadership from the K&M STP to ensure the CoP are focused developing the right models to test complex commissioning scenarios.

The community and it's resources.....



The community in a snap-shot

Members of the CoP:	Core:	Associate:	Friends:
Approximate numbers	8-10	15-20	No limit
Key development opportunities	System conceptualisation Model building Defining and carrying out data queries – asking the right questions of the data	System conceptualisation Model use – asking the right questions of the model	Input to system conceptualisation Using model outputs to inform policy and strategy
Commitment	Involvement in CoP training and other workshops Leading on, or playing a significant role in, a modelling project Average commitment of c.4-6 days per month	Involvement in CoP workshops to socialise the approach and showcase outputs Advice and input to CoP programme Average commitment of c.2 days per month	Involvement in CoP workshops as appropriate to areas of interest Informing the questions that need to be explored by the CoP Part of people's day-job

While the lead organisation for project is Kent County Council Public Health, governance will be primarily through the STP Shared Health and Care Analytics Board (SHcAB) which reports to the STP Clinical and Professional Board. The project will be evaluated by an academic partner to ascertain how well the CoP has developed, including level of engagement, skills adoption, sustainability and whether each model has informed strategic decision making across the system.

Dr Abraham P George
Consultant in Public Health
Kent County Council