

A modern office interior featuring a lounge area with yellow armchairs and patterned ottomans. The space is divided by glass partitions, some of which have decorative graphics and the text 'Kaiser Permanente'. The ceiling has exposed ductwork and modern lighting fixtures.

# PIONEERING THE PRESENT

## Learning Lessons from Kaiser Permanente

---



**Tony Burley ARB, RIBA, Intl. Assoc. AIA**  
Director, Sector Lead – Buildings UK&I  
TEL +44 7917 528856  
EMAIL [Tony.Burley@IBIGroup.com](mailto:Tony.Burley@IBIGroup.com)

# AGENDA

1. Setting the scene
2. From Health To Whole Health
  - Settings
  - Quality
  - Disruptions & Transformation

# A CHANGE OF SCENE

IBI GROUP

CANADA  
CALGARY  
EDMONTON  
PORT MCMURRAY  
HALFAX  
MONTREAL  
OTTAWA  
TORONTO  
VANCOUVER  
WATERLOO

UNITED KINGDOM /  
IRELAND  
BIRMINGHAM  
BRIGHTON  
CARDIFF  
DUBLIN  
GLASGOW  
LONDON  
MANCHESTER  
NEWARK  
ROCHDALE

UNITED STATES  
ALBANY  
ALBUQUERQUE  
BIRMINGHAM  
BOSTON  
CANTON  
CHICAGO  
COLUMBUS  
HOUSTON  
INDIANAPOLIS  
LOS ANGELES  
NEW LEON  
NEW YORK CITY  
PORTLAND  
PORTLAND  
RICHMOND  
SALT LAKE CITY  
SAN DIEGO  
SAN FRANCISCO  
SAN JOSE  
SAN JOSE  
SEATTLE  
SOUTHFIELD

INTERNATIONAL  
ABU DHABI  
ATHENS  
BANGALORE  
DUBAI  
HONG KONG  
HYDERABAD  
MEXICO CITY  
MUMBAI  
NEW DELHI  
PUNE  
TEL AVIV  
TRABZON

90+ GLOBAL OFFICES

5,000+ OFFICIALS, MANAGERS  
AND CONSULTANTS



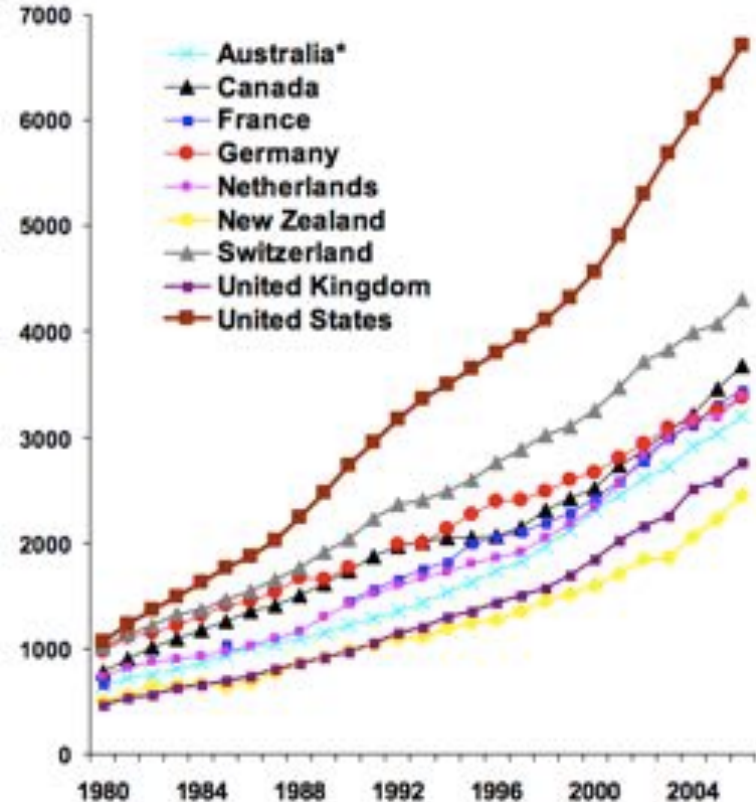


## HEALTHCARE IN THE US

The US healthcare system is the world's most expensive, consuming over 17% of GDP.

It is responsible for the deaths of 90,000 people annually due to medical error and another 99,000 due to healthcare-associated infections.

Average spending on health per capita (\$US PPP)



## SIZE

California is **75%** larger in land area than the UK. It has a GDP which is **85%** of the UK which it delivers by a population which is almost **40%** less population.

2 of the USA's 9 cities with +1m population are within California with 2 more approaching 1m.

Los Angeles is the USA's 2<sup>nd</sup> largest city at 3.9m and is the 2<sup>nd</sup> fastest growing by number of inhabitants added. **2 Million more people are predicted to live in LA by 2035.** This is approx twice the population growth rate of London, UK.







# KEY STATISTICS

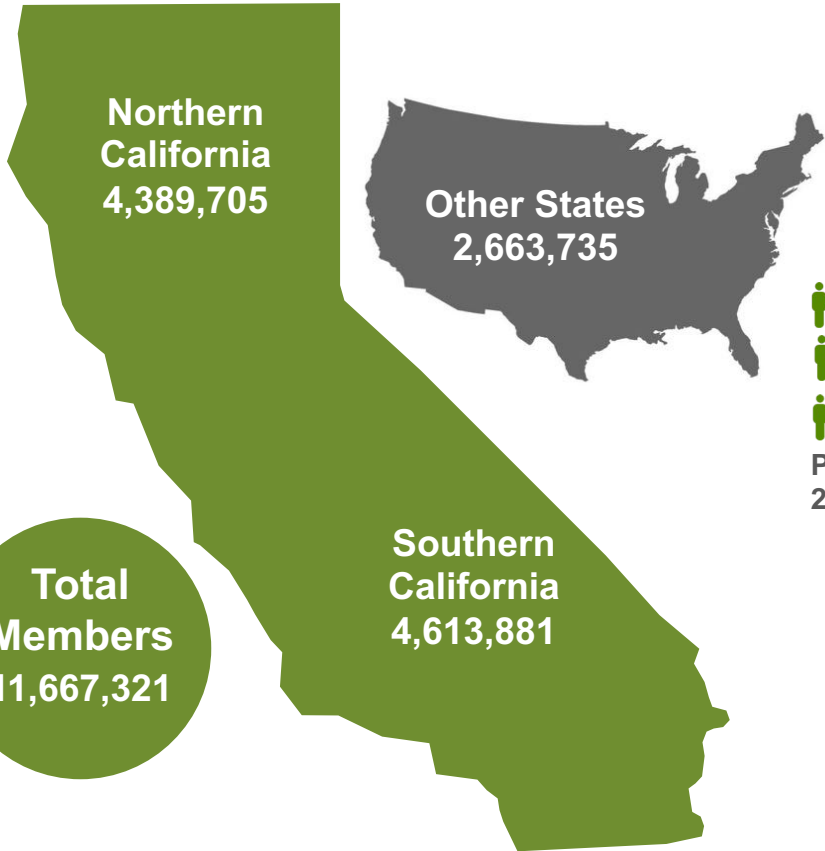
IBI GROUP



39 Hospitals



695 MOBs



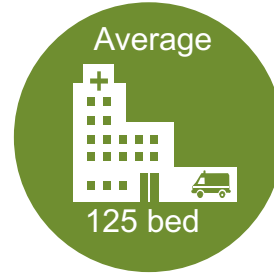
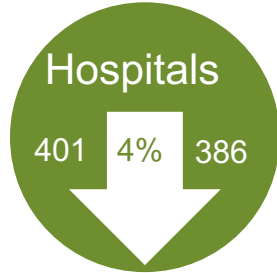
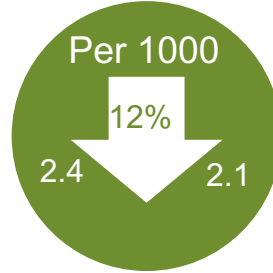
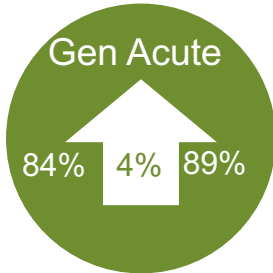
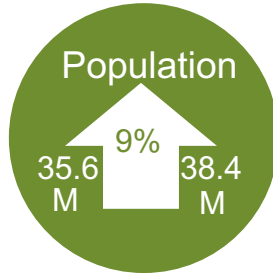
Physicians  
23,000



Nurses  
59,000

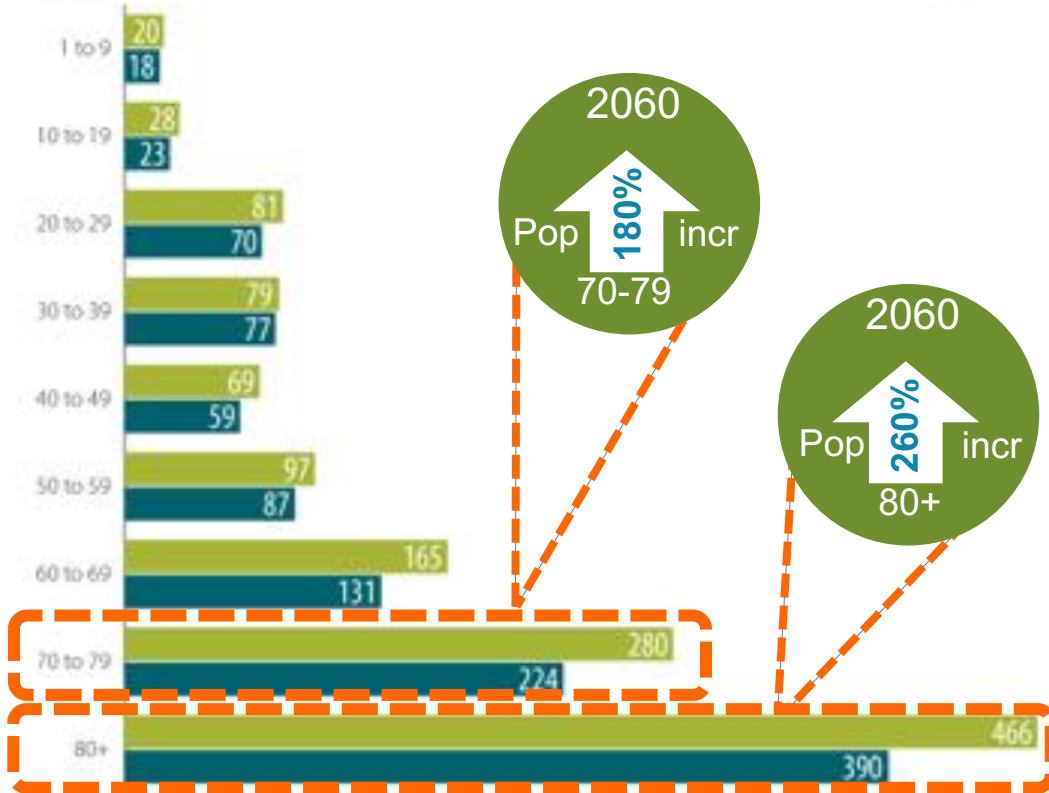


Employees  
218,000





Age | Discharges per 1000 population



Discharges have decreased across all age groups, consistent with the trend towards ambulatory care.

Populations on the most intensive use age groups are the most rapidly expanding



# THE PROVIDER LANDSCAPE

## California Hospitals and Beds

## 8 Largest Health Systems



## SUBTOTAL

Hospitals		Beds	
384	100.00%	81,729	100.00%
Hospitals		Beds	
36	9.40%	8,378	10.30%
29	7.60%	7,348	9.00%
27	7.00%	4,709	5.80%
15	3.90%	2,103	2.60%
15	3.90%	2,103	2.60%
12	3.10%	2,272	2.80%
10	2.60%	3,852	4.70%
10	2.60%	1,955	2.40%
<b>154</b>	<b>40%</b>	<b>32,720</b>	<b>40%</b>

IBI GROUP

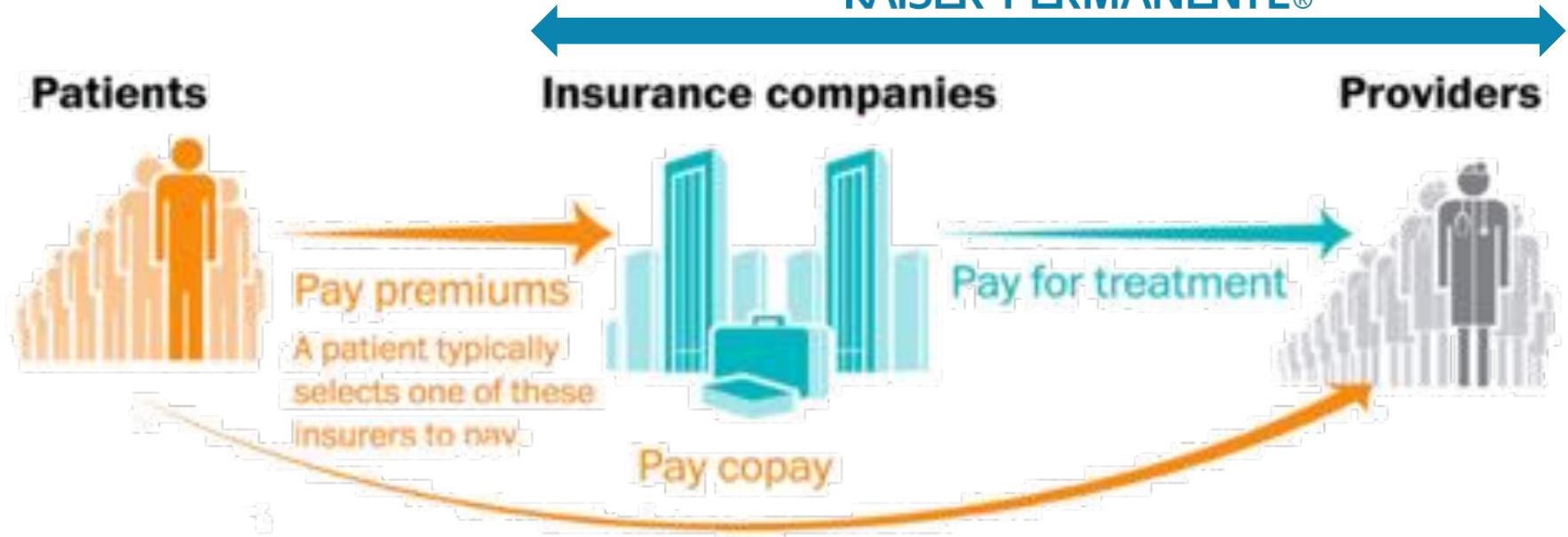


# FROM HEALTH TO WHOLE HEALTH

IBI GROUP



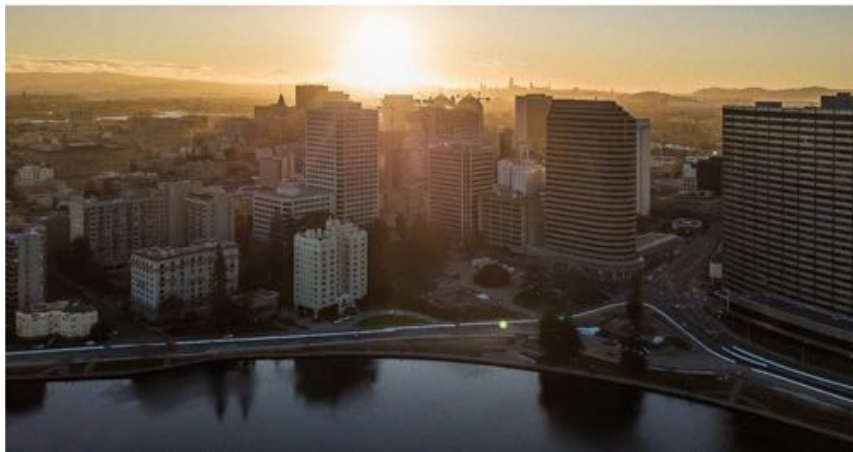
# KAISER PERMANENTE®





## This healthcare giant invests millions in affordable housing to keep people healthy

Kaiser Permanente realized that investment in housing is an investment in health, and so it's offering funds to help keep apartment buildings affordable and finding housing for homeless residents.



### Featured Articles



What you need to know about celiac disease and gluten sensitivity. If you and gluten just don't "jive," you can r

[Read Article >](#)

Here are some common terms that can help you understand your deductible plan.

[Read Article >](#)

Exercise is good for you and your family, but you can injure yourself, and more than half of all sports injuries occur...

[Read Article >](#)



# SETTINGS

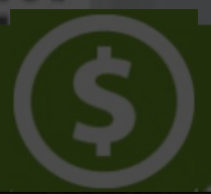
3.5m  
Lives lost

Physical inactivity has an economic impact of £7.4 billion

19%  
of children aged 10-11 were obese in 2014/15

Today only 21%  
of children play outdoors

Public and Private sector collaboration



# FROM HEALTH TO WELLNESS

ULI – Health Leaders Network  
UK NHS Healthy New Towns

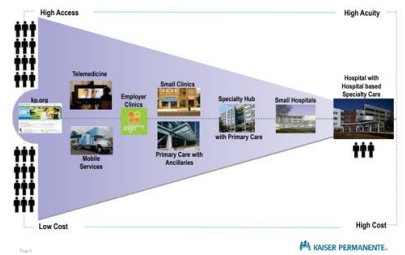
IBI GROUP



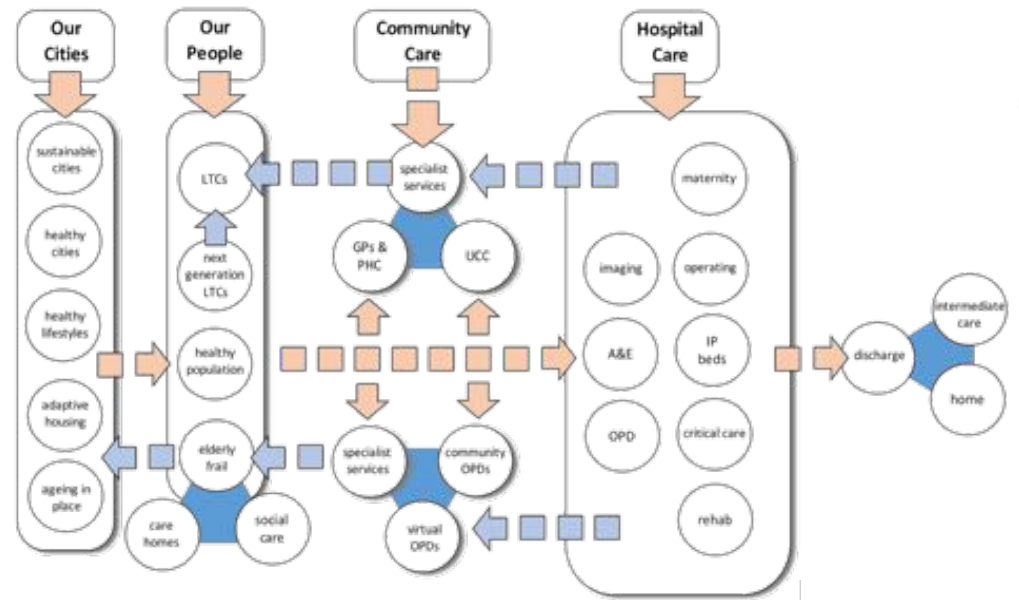
# THE CONTINUUM OF CARE



**Don Orndoff**  
SVP Kaiser Permanente  
National Facilities Service



KP Spectrum of Access to care from 2011





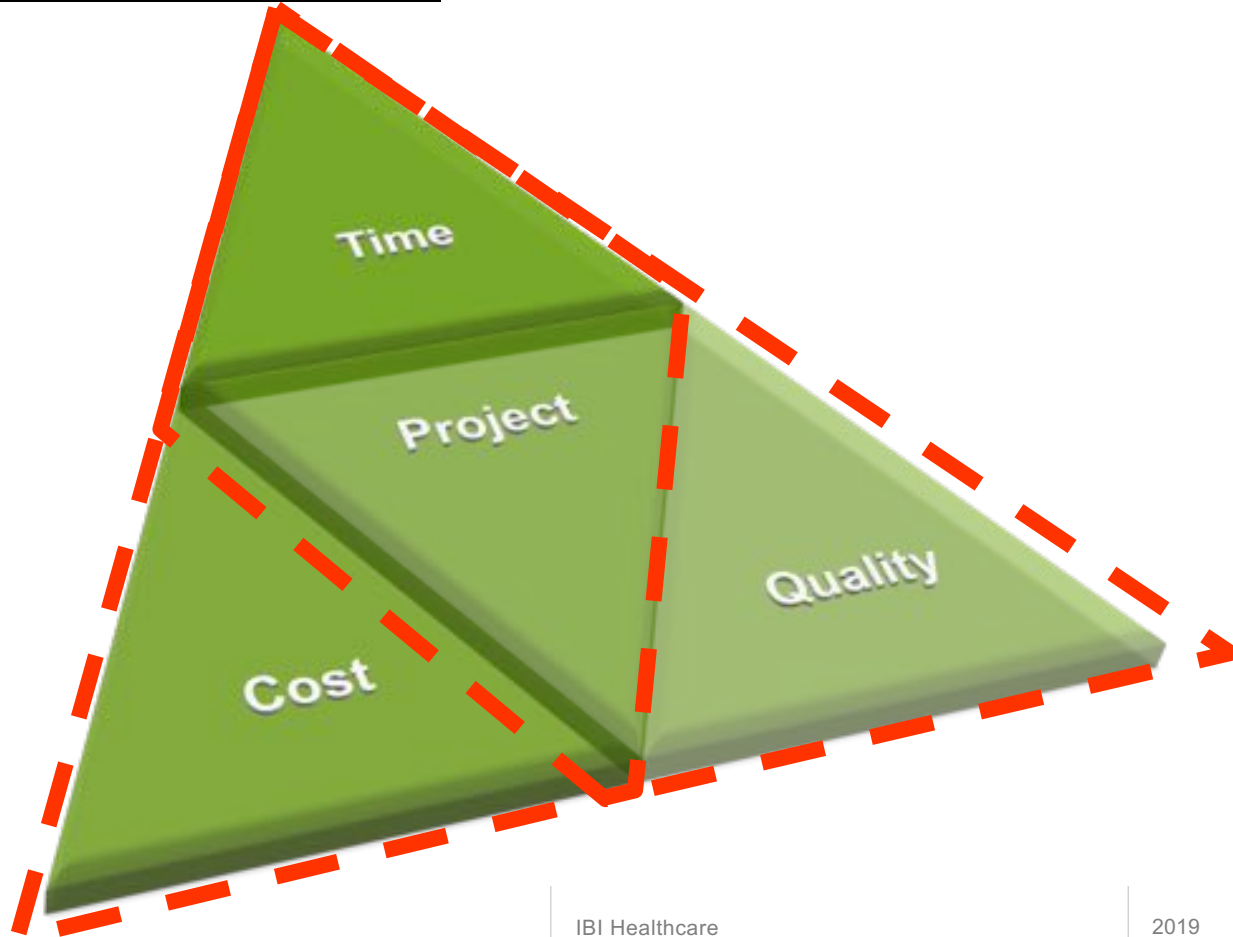
## Advantages of telehealth at Kaiser Permanente





# QUALITY

SMALL HOSPITAL  
BIG IDEA  
COMPETITION  
KAISER PERMANENTE



# Kaiser Permanente Mission

## High-quality, Affordable Health Care





A&E  
Designers

Construction  
Partners

Management  
Partners



5th Annual Preferred Provider Program Symposium  
Design Excellence Awards Ceremony and Exhibit Fair

# Improving Care Through Innovation and Design



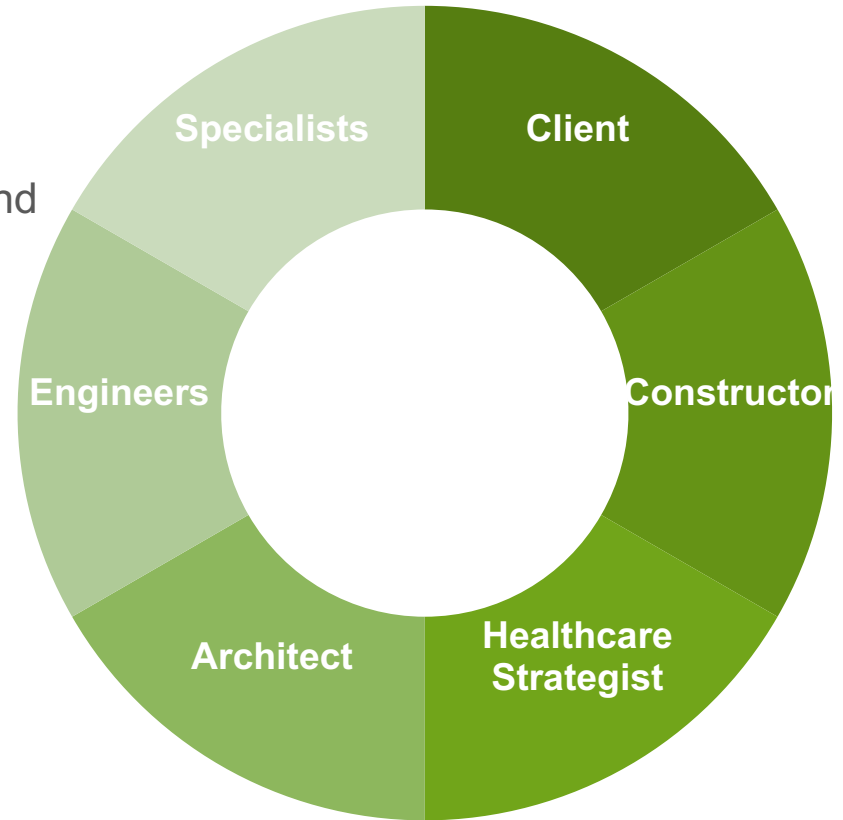
Hyatt San Francisco Airport

September 17 & 18, 2018

 KAISER PERMANENTE.

***A team of experts collaborating to achieve all projects goals***

- Integrated design multi disciplinary design and construction team involved as the design develops
- Pull Planning
- BIM
- Multiple parties all signed to a single collaborative appointment
- Common Risk Pool
- Project success is judged collectively and incentivized collectively





# DISRUPTION AND TRANSFORMATION

3.5m

business hours

Physical inactivity has an economic impact of £7.4 billion

19%

of children aged 10-11 were obese in 2014/15

21%

of children play outdoors

Public and Private sector collaboration

NHS Innovation programme

Inclusive placemaking

Dementia focused

Active travel

Integrated health and public strategy

Reduced Emissions

New Models of Care

IBI GROUP







## OUR FOUR PILLARS

Our centres of excellence are focused on the key pillars of how people experience their cities, and how people live, learn heal and move in their communities

IBI GROUP



01



## Parametric Planning and Analysis

Reaching an optimum solution  
through multiple data iterations

02



## BIM Digital Twin

Producing a virtual model of all the  
building and infrastructure  
components

03



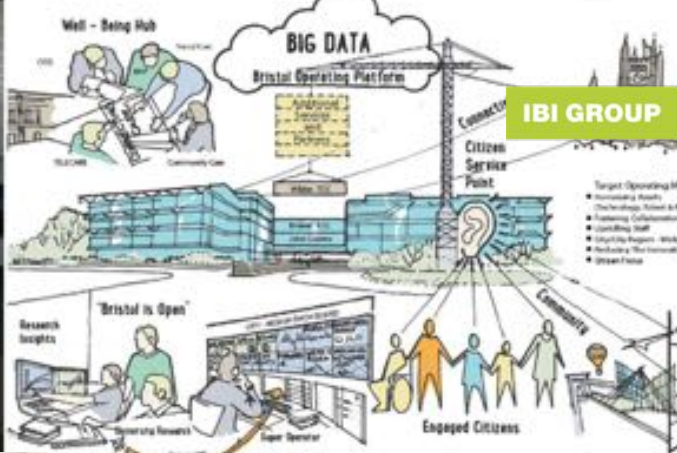
## Smart Community Platform

Integrating multiple-source data  
and managing operations in real  
time

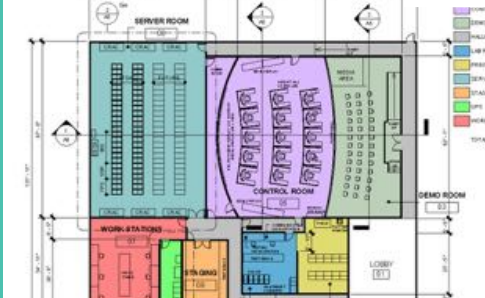
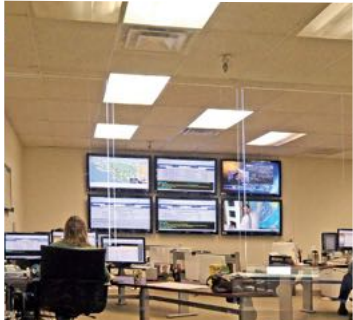


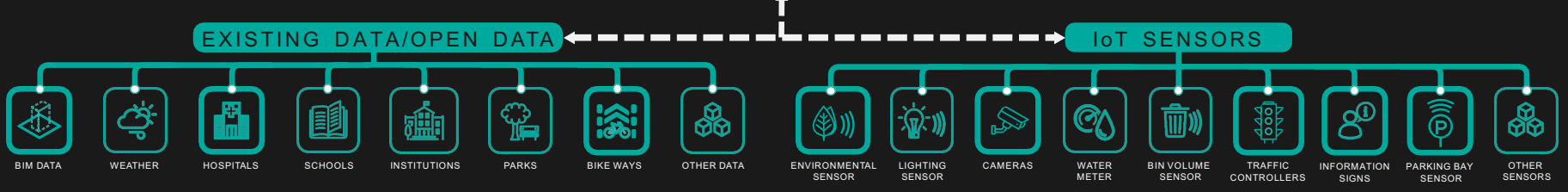
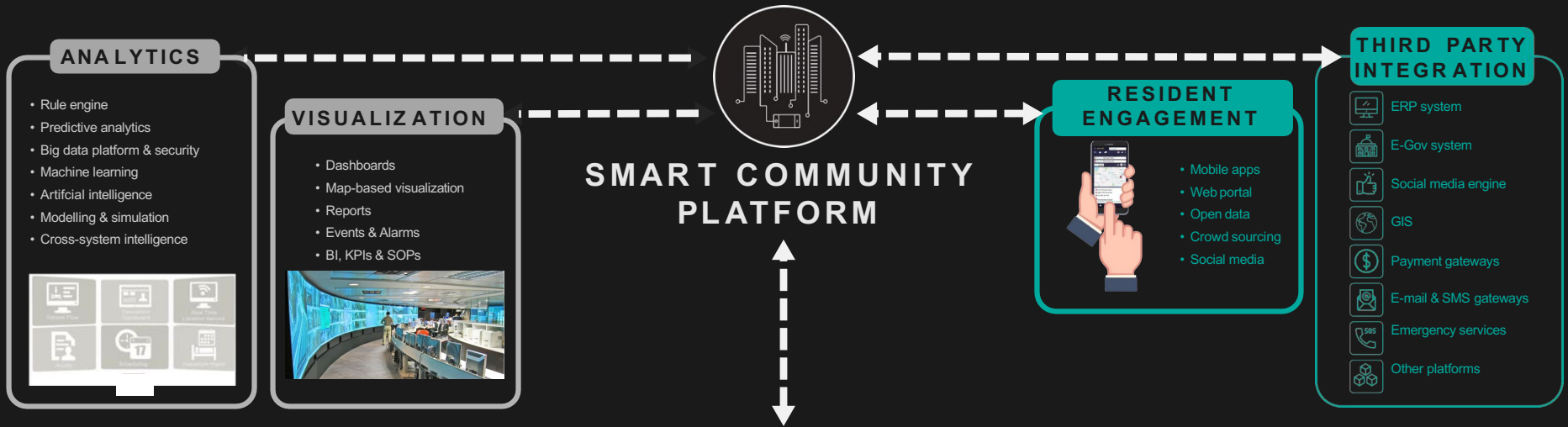


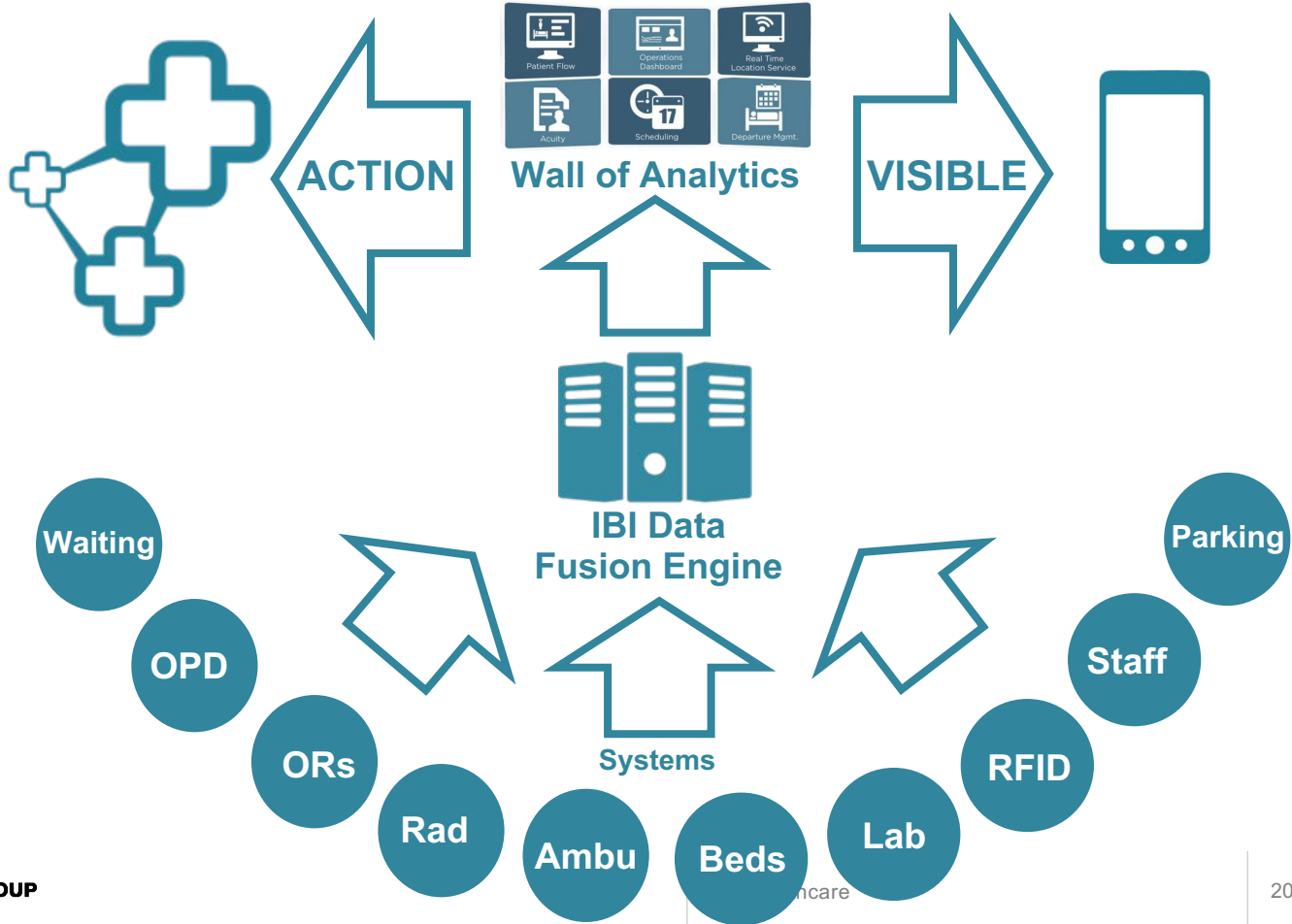
# HARNESSING DATA AND DATA VISUALISATION



**IBI GROUP**













 KAISER PERMANENTE

# QUESTIONS?

---

## **PIONEERING THE PRESENT** Learning Lessons from Kaiser Permanente

**Tony Burley, ARB, RIBA Intl Assoc AIA**  
Director, Sector Lead – Buildings, UK&I  
IBI Group

[Tony.Burley@IBIGroup.com](mailto:Tony.Burley@IBIGroup.com)

+44 (0)7917 528856



# QUESTIONS?

## PIONEERING THE PRESENT

Learning Lessons from Kaiser  
Permanente

Tony Burley, ARB, RIBA Intl Assoc AIA  
Director, Sector Lead – Buildings, UK&I  
IBI Group



## Team GnT

<https://www.justgiving.com/fundraising/tony-burley>

Tony.Burley@IBIGroup.com

IBI IBI GROUP  
+44 (0)7917 528856





How Do You Get Work With Kaiser Permanente NFS?

- Become a Qualified Vendor through NFS Vendor Qualification
  - Leverage prior experience of employees on Kaiser Permanente Projects
  - Identify an internal Kaiser Permanente sponsor (Project Manager, etc...)
  - Have Sponsor present the case to use your firm
  - Address the information requests from the Vendor Qualification Group
- Meet with local Service Delivery Team (Team Managers, Project Managers)
- Meet with Executive Directors
  - Provide Qualifications
  - Get Placed on RFB, Bid List for Applicable Projects
  - Compete for the Work

