ARCH
A Regional Collaboration for Health
Summary Document: A World-Class Health and Wellbeing Economy for the South West Wales Region
July 2015
ARCH - A Regional Collaboration for Health

1. In a nutshell, what is ARCH?

ARCH is health and science working together, to improve the health, wealth and wellbeing of the people of South West Wales.

It will generate a future for the people of South West Wales which delivers better health, skills and economic outcomes.

This world-class, visionary project is a collaboration between two university health boards, Abertawe Bro Morgannwg (ABMU) and Hywel Dda; and Swansea University.

It spans six local authority areas, Ceredigion, Pembrokeshire, Carmarthenshire, Bridgend, Neath Port Talbot and Swansea; and includes almost a million people.

ARCH also works together with social care, voluntary and other public bodies – offering a truly whole systems approach.

It breaks free from an outdated healthcare system designed over 50 years ago and replaces it with an accessible one specifically planned for today’s needs, in purpose-built or refurbished accommodation. It focuses on keeping people healthy; or better managing disease when they’re ill.

ARCH also promotes research, training and skills, to help deliver a vibrant economy through investment, innovation and sustainable employment.

A healthy economy, with fewer people disadvantaged or living in poverty, in turn bolsters the wider health and wellbeing of the population.

These demonstrate a clear health and life sciences synergy.

<table>
<thead>
<tr>
<th>In a nutshell, for our services...</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primary &amp; Community Care</strong></td>
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<tr>
<td>Investing in primary and community care (GP, Community Services, Pharmacies etc) so services, care and treatment for people are more accessible and closer to their homes. People are supported to live healthy lifestyles</td>
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</tbody>
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| **Singleton Health Campus**      |
| Singleton Health Campus becomes a centre of excellence for rapid access diagnostics, same day care, and rehabilitation. |

| **Morrison Health Campus**       |
| Morriston Health Campus evolves to become the regional centre for specialist treatments for South West Wales. |
Regional Collaborative Health, Social Care & Wellbeing Model

ARCH will deliver a holistic regional model for health built on the principles of collaboration across Hywel Dda UHB, ABMU HB and Swansea University. The core of this model is based upon establishing a relationship with our citizens, working together to develop local values, focused on the health and wellbeing of our communities.

ARCH will develop and implement new service models based on the principle of care being provided closer to home. Expanding access through the development of new infrastructure and redeveloping and redefining the use of existing infrastructure will radically transform patient pathways across the region.

Within this new model our Hospitals will be dedicated to those who are acutely unwell and require specialist care. When required, this will be delivered in environments which are comparable with the best in the world delivering improved patient outcomes within this holistic model, always supporting improved health and enabling care closer to home.
2. Not just a concept …

ARCH is more than abstract ideas. It represents a potentially huge regional investment. At this early stage we are still working through the exact figures, but if implemented will be in the region of hundreds of millions of pounds. It includes:

- The Morriston Hospital site almost doubling its current footprint, with exciting new developments
- Singleton Hospital evolving its role and expanding
- A network of integrated centres across Hywel Dda to take many traditional hospital services into rural areas, closer to people to ensure care is provided closer to home
- Significant investments in research and development, skills, and technology

3. ARCH - Background

The current unprecedented pressures on health services are well publicised. The ways we provide healthcare now are clearly not meeting demands, which are increasingly complex. We need to do things differently, and ARCH offers an unprecedented opportunity to do this in South West Wales.

Greater levels of older, frail, people; coupled with higher rates of patients with (multiple) chronic diseases, are putting huge pressures on a healthcare system which was designed over 50 years ago, and which is also not able to make the most of technological advancements.

Resources available for healthcare provision are subject to severe constraints, and this is compounded by workforce shortages. Staff have also been trained and developed to work in a traditional hospital-based healthcare setting which no longer meets the changing needs of an increasingly elderly population.

Most current and future demands for health and social care arise from the growing number of older, frail people who often have several illnesses. They need care from multi-skilled staff working in an integrated environment, across professional and organisational boundaries.

Prudent healthcare is about driving changes in culture, and developing alternative approaches to service provision within Wales which use resources wisely and effectively. These changes must resonate more closely with the health, social care and well being needs of future generations.

ARCH is a bold and ambitious collaboration designed to tackle this. As well as delivering high quality care, it will develop professionals working in healthcare and life science; advancing skills and innovation.
Although operating locally, it will have a global perspective for the sustainable benefit of the health, well-being and wealth of South West Wales.

The idea came from a practical way of meeting the needs of both health and the university to expand. But the powerful and far-reaching benefits of the health-science collaboration quickly became evident:

- Health care training, research and development delivered in purpose-built, or extensively refurbished, facilities
- Fast-tracking ABMU’s existing plans to deliver 21st century healthcare in both Singleton and Morriston hospitals
- Launching a regional centre of excellence for cardiovascular, thoracic and bariatric services
- Developing Singleton Hospital as a centre of excellence for diagnostics, fast-track care and rehabilitation
- Establishing a Health and Wellbeing Centre that promotes the notion of self-care, complements NHS provision and affords community-based training and development opportunities
- Providing state-of-the-art training and support for community-based and rural health care developments
- Developing additional Integrated Primary Care Resource Centres, including rural areas, to take care closer to people
- Educating the future workforce alongside patients, in modern hospital-based and complementary facilities
- Increasing the R&D, knowledge and science opportunities within the region
- Nurturing the growth of further life science-based businesses
- Developing Institute of Life Science (ILS) facilities at Morriston Hospital and in Hywel Dda; and
- Developing the ILS activity to create a Medical Science Park which will include a new HealthCare Technology Centre at Singleton

These will not only improve the quality of health care; but also boost the region’s economy and skills base in a sustainable way, as evidenced by similar ventures of this kind in other countries.

4. How will the pieces fit together?

ABMU established plans some time ago to move some services from Singleton to Morriston Hospital, as the two hospitals continue to develop distinct - but complementary - roles.

However, the existing Morriston Hospital site has had limited room to expand, and not enough for the Singleton services to move across.

Meanwhile Swansea University’s Singleton campus has been unable to accommodate research-based starter enterprises, due to severe space constraints.
Over 50 acres of additional land at Morriston has recently been acquired, opposite the existing site. This can now enable the development of the new Regional Centre of Excellence for Cardiovascular, Bariatric and Thoracic Surgery. This new centre will be purpose-built, allowing the current cardio-thoracic (heart and lungs) and bariatric (obesity treatment) services to vacate their existing sites in Morriston Hospital.

Once built, this will release space in Morriston Hospital for the re-location of services from Singleton (e.g. maternity and neonatal care, and acute medicine). The new land at the Morriston site will also locate other developments, including a third Institute of Life Science, new public health laboratories and a geographically accessible base for the Welsh Ambulance Services NHS Trust.

Such service moves will then allow Swansea University’s Colleges of Medicine and Human and Health Sciences to move into the vacated parts of Singleton Hospital, thereby freeing up space on the university site, which can then be further developed – possibly to include a hotel and conference centre.

Singleton Hospital will also be supported to establish its role as a centre of excellence for rapid access and ambulatory (same day) care, cutting edge diagnostics, outpatients, rehabilitation and community-based care, alongside the educational facilities.
5. The plans in more detail

Morriston

To be known as the **Morriston Health Campus**, the recent acquisition by ABMU of 55 acres of land opposite the existing hospital means there is plenty of space at Morriston Hospital to accommodate the new builds.

*Artist’s illustration depicting ARCH developments on the newly-acquired land opposite Morriston Hospital; these are currently visual representations of options only. Significant stages of work will be required to develop and then finalise service models and then design appropriate buildings.*
As well as the regional centre of excellence for cardiovascular, thoracic and bariatric services, the Morriston Health Campus will have acute medicine; critical care and specialist surgery centres; women and children’s centre; cancer centre; imaging and regional pathology, science and innovation. Morriston will:

- Offer an acute care* hub for Swansea and Neath Port Talbot with:
  - an Emergency Department (A&E)
  - an acute medical unit
  - GP out of hours
  - acute GP unit
  - rapid access to imaging and diagnostic tests

- Provide a hyper-acute Stroke Centre ensuring stroke patients receive rapid treatment in line with national standards
- Have Centre for Obstetric, Maternity, Neonatology and Acute Gynaecology
- Offer more critical care beds
- Continue to provide supra regional services in Burns and Plastic surgery
- Have regional pathology laboratories using state of the art techniques
- Give planned orthopaedic surgery

*Acute care is a branch of hospital health care where a patient receives active but short-term treatment for a severe injury or episode of illness, an urgent medical condition, or during recovery from surgery.
The Morriston Health Campus will offer a world-class specialist training environment for the next-generation doctors, nurses and therapists.

And while the LINAC machines offering radiotherapy for cancer patients will remain in use at Singleton Hospital, four more LINACs will be added to Morriston, where cancer surgery already takes place.

New infrastructure on site will also include:

- A new women and Children unit incorporating paediatrics, obstetrics, maternity, neonatology and acute gynaecology
- Expansion of the Emergency Department (A&E) to include a high speed CT scanner to improve diagnostic care for major trauma and stoke patients.
- An Acute Hub to house the Emergency Department, acute GP unit, acute medical unit and GP out of hours
- A new South West Wales Cancer Centre with four LINAC machines providing treatment for acute oncology patients
- Increase beds/wards for both surgical and medical services
- Increase critical care beds to meet current and future demand.
- A hostel for nocturnal dialysis and oncology patients

**What will it mean for patients?**

There will be **more beds** and single rooms (up to 50%), offering patients more space and privacy, along with better infection control.

Patients will get better and faster access to **diagnostic services** and equipment.

More **critical care beds** (+10) will support medical retrieval and major trauma from across the region. And times when planned operations are postponed because an emergency patient needs the bed will be minimised.

Patients with major injuries will be served by a larger Emergency Department with a **CT scanner** - which provides very detailed X-ray images - and additional experienced, specialist staff. This enhanced care will also support surgical services at Morriston. In addition, there would be 50-60 more trauma beds.

Having all ABMU **acute medical** staff covering services like respiratory, cardiology, gastroenterology, stroke, geriatrics, etc under one roof, will mean a seven-day service for patients.
Acutely ill medical patients will have faster access to new diagnostic equipment, and the focus will be on rapidly assessing, diagnosing and stabilising their condition. The new acute care hub will concentrate solely on these patients for the first 48 hours of their care, rather than have them admitted to a ward and then face possible delays waiting for tests, etc.

**Stroke patients** will receive rapid assessment/diagnosis in line with national standards, and get specialist stroke care in the days following their admission. As well as patients in Swansea, Neath Port Talbot and Bridgend, some Hywel Dda patients will also come here.

While children’s beds have already been in Morriston for a few years, **obstetrics**, neonatology and gynaecology will then move over from Singleton Hospital – completing the Women’s and Children’s service with all the experts on hand.

**Cancer patients** will be receive all their surgical, chemotherapy and radiotherapy care in one centre of excellence, (with the advantage of radiotherapy still available at Singleton Hospital as well) and enhanced access to diagnostics. Morriston’s location just off the M4 will make it easier for West Wales cancer patients to get to, and there will be also be overnight accommodation on site. The Maggies Centre will remain in Singleton.

A purpose-built centre of excellence for **cardiac**, **thoracic** (lung), **bariatric** (obesity) and **reconstructive** surgery will help meet growing demand and cut waiting lists. It will offer technical advances and modern procedures in purpose-built accommodation. It would include hybrid operating theatres with integrated imaging, co-located with radiographic suites and catheter labs. It will have extensive intensive and high dependency care beds (in addition to the general critical care beds.)

**What about the other NHS and innovation developments on the Morriston site?**

A regional Public Health **Integrated Health Protection Service** (health protection and microbiology) will be established at the Morriston Health Campus. Not only will it offer local public health services to ABMU, Hywel Dda and Public Health Wales, but it will provide health intelligence, helping to inform and shape strategies to improve the overall health of the region.

Working in partnership with universities, local government, the public and private sector and voluntary groups, the new service will support a whole public health system, tackling inequalities in health, including preventing disease in the first place, and helping more people to live into a healthy old age.

The Morriston Health Campus could be home to the new **Welsh Ambulance Services Trust** Swansea station, replacing the outdated one at Cefn Coed Hospital. The new Ambulance Resource Centre will be ideally situated at a major acute
hospital, and designed for a range of ambulance service functions including a reporting base for staff; office and welfare facilities; training; parking, garaging and maintenance of ambulances.

There is a longstanding history of independent healthcare providers in Swansea and the South West Wales region, delivering care to private and NHS patients. Like other health boards, ABMU and Hywel Dda sometimes commission independent providers to help with waiting list pressures, particularly when surges in emergency demand result in patients waiting for planned operations being delayed.

There could also be an opportunity for a new independent hospital at the site, supporting collaborative work, and benefiting patients by streamlining and simplifying already established links between NHS and private healthcare. With many NHS consultants also providing private treatment – in addition to their NHS work – a modern, well-equipped independent hospital on site would also help with medical recruitment.

The Morriston Health Campus will also feature elements of the new ILS Medi-Park – but there will be more on this later see page 15.
Early potential planning view, depicting the ARCH developments on the newly-acquired land opposite Morriston Hospital, currently visual representation of one possible option only. Significant stages of work will be required to develop and then finalise service models and then design appropriate buildings.
Singleton
Artist’s illustration depicting potential ARCH developments on the Singleton Hospital site. N.B. These are only visual representations of possible early options for use of the Singleton Hospital Site. Significant stages of work will be required to develop and then finalise service models and then design appropriate buildings.

The Singleton Health Campus will be the centre of excellence for a broad range of diagnostic, rehabilitation and treatment services – including both urgent and planned care. Most local people will be able to see their consultant close to their homes, and will have access to a full range of rapid assessments and diagnosis.

The reshaping and refurbishment of the current hospital site, combined with new build, will place patient care at the heart of the new Singleton campus. Tomorrow’s doctors, nurses and therapists will train in the hospital, as the Swansea University Colleges of Medicine and Human and Health Science will move on site.

The new campus will also include:

- **Rapid Assessment and Ambulatory Care Centre**: Access to state of the art diagnostics including advanced imaging and laboratory facilities. Open seven days per week and accessible to the public via their GP.
- **Step-up and Step-down Facility**: Beds under the care of GP and nurse practitioners available 24/7. Keeping care close to people’s homes, they will help patients who need extra support to keep them out of a main hospital ward, or before going home after a stay in hospital.
- **Mental Health**: Older people assessment beds, (relocated from Cefn Coed Hospital)
- **Integrated Reablement and Recovery Centre**: NHS, local authority, voluntary and private sectors working together for patients.
- **E-Infrastructure**: Interconnected technologies combined with cutting-edge research.
- An **eye-centre** for same-day care.
- **Oncology/radiology for cancer day patients**.

**What will it mean for patients?**

Singleton Health Campus will be a bridge between primary care (GPs, opticians, dentists etc) which is delivered in the community; and acute hospital care in our specialist centre at the Morriston Health Campus. It will also be one-stop shop for patients needing social, voluntary and healthcare support.

Rapid access and same-day care will be at the heart of the Singleton Health Campus, seven days a week.
Patients will receive the same care they traditionally had as inpatients, but delivered more quickly and conveniently, using the latest systems and technology, and in partnership with other care providers.

Instead of staying overnight as they might now, many patients will be able to go home after treatment; returning later for follow up care if needed.

Patients who have short-scale nursing or medical needs, but who are not ill enough to be admitted to an acute ward, can be cared for in beds managed by GPs and nurses, for a few days before going home, with a care package if needed.

Patients will get faster access to state-of-the-art diagnostic tests and equipment, and better whole-systems care involving a range of providers – voluntary sector, local authority, NHS.

Having integrated partnership working on such a big scale will allow an extended range of health and social care support to be available – for example, welfare rights advice, housing support, etc.

The Singleton Health Campus will also be part of ILS Medi-Park – See page 15
Rural Health

ARCH will establish the Wales Centre for Rural Health, a centre of excellence for research, education, service development and technology innovation designed to improve access to healthcare in the more remote areas of Wales.

The proportion of people over the age of 65 living in rural areas is expected to increase by 30% over the next two decades, so planning ahead to meet their needs is essential. The new centre will help provide a workforce skilled and suited for rural healthcare in Wales.

The Hywel Dda Campus

Not a single site, but a number of integrated community and primary care resource centres across the Hywel Dda area.

These centres will bring healthcare closer to people, and include treatments and diagnostic tests usually only available in hospital settings, as well as GPs and other primary care services.

Hywel Dda and ABMU will also benefit from new skills simulation centres which provide clinical skills training, and which focus on multi-disciplinary teams (doctors, nurses, therapists, etc working together.)

Telehealth and telemedicine solutions are already underway in Hywel Dda, and ARCH will further support this vital work, providing infrastructure and improved ways of working for healthcare professionals.

What will it mean for the patient?

Distances to hospitals can be long in rural areas, and public transport challenging. Providing modern resource centres with the latest equipment and a mix of skilled staff will mean many more patients having the care they need on their doorstep.

The growth of technology to assist care over long distances will also lead to more patients having their health provided virtually, in their own homes, or in a nearby healthcare centre.

Artist's impressions of the types of resource centres which are planned

Hywel Dda will also have an Institute of Life Science (ILS). See page 15.

6. ARCH: the science, skills and economy
**ILS Medi-Park**

Key to the science, skills and economic benefits of ARCH is the **ILS Medi-Park** concept, which will run across all the ARCH health campuses.

The original Institute of Life Science was set up in 2004 as the university’s vehicle for the College of Medicine’s research, enterprise and innovation activities. It proved so successful that a second ILS facility was built a few years later in the grounds of Singleton Hospital to meet demand. ILS has been an astounding success, already securing £42m investment and creating over 800 new high value jobs in the region. ARCH will build on this success with the Medi-Park vision, which will take ILS to a new level – transforming the region’s skills development and research and innovation capacity.

**Medi-Park draws on the strengths of each partner to deliver a punch much weightier than the sum of its parts.**

Working with its ARCH partners, ILS Medi-Park will set up:

- The ILS Healthcare Technology Centre
- The Bevan Academy for Leadership and Innovation in Healthcare
- An expanded Joint Clinical Research facility with the intention of this collaboration broadening to span all three ARCH partners
- The ILS Healthcare and Life Science Skills Centre featuring new and enhanced learning pathways with integration of FE and HE activity
- ILS@Morriston (ILS2 is already at Singleton) which will have a focus on innovation and advancements in acute care and surgery
- ILS@Hywel Dda, developing research and development activity in west Wales
- Guest@ILS – incorporating the best of health and wellbeing advice and services and a showcase of ILS activity and research with the potential for overnight stay facilities
- ILS Health and Wellbeing Centre to sit alongside Guest@ILS and offer the best of the College of Human and Health Sciences therapies and services to our communities
- Prudent healthcare centre and intelligence unit

There will also be wider collaboration across and beyond the region through partnerships with organisations including the Welsh Wound Innovation Centre, where another satellite of ILS Medi-Park is being scoped, and the regional Academic Health Science Collaboration (AHSC).

**Global innovation, research and development**

ARCH will create an open innovation system where world class science will flourish, and international organisations will identify South West Wales as a location of choice for clinical research and product development; and the translation of ideas and innovations to application.
ARCH will be a place where indigenous innovation and foreign direct investment co-exist, creating clusters of life science activity delivering high quality, sustainable jobs. At the heart of this will be a skilled and valued workforce.

ILS has adopted the philosophy of open innovation and has developed strong partnerships internally with the university’s Medical School and the Colleges of Human and Health Science, Engineering, Science, along with emerging initiatives with Colleges of Business and Management, and Arts and Humanities. Externally, ILS has already developed seamless collaborations with the Welsh NHS, including ABM and Hywel Dda university health boards, as well as global organisations such as GE Healthcare and GlaxoSmithKline.

Harnessing the potential of existing investments at Singleton (incl. ILS1, ILS2 and ILS Data Science), and at Morriston, the ILS Medi-Park, as part of ARCH, is the next phase to integrate and exploit these national and regional assets for the health and wealth of the south west, and Wales as a whole.

ILS Medi-Park will build on existing international collaborations including Massachusetts, Texas, Grenoble, Sweden and Ireland to lead and participate in research consortia. The ILS Healthcare Technology Centre aligns with Swansea University’s strategic plan to secure competitive and private research funding from across the globe.

The Healthcare Technology Centre (HTC) and Joint Clinical Research Facility

The HTC will be a world-class research platform, with 150 researchers engaged in multi and interdisciplinary work, aligned with EU, UK and WG science and research strategies. The centre will have a research portfolio worth £20m by 2020.

Expansion of research infrastructure and activity across the Hywel Dda region will significantly help to attract, retain and develop clinical and academic skills and talent.

The Joint Clinical Research Facility (J-CRF) already has an excellent track record of using private sector funded research. Expanding the research it already does at Singleton and Morriston, and extending into Hywel Dda will have a tremendous impact on patient care and the regional economy through new jobs.

Healthcare and Life Sciences Skills Centre

Medi-Park will further support ARCH with a 21st century environment for talent and skills development, delivering world-class doctors, healthcare professionals and life scientists. This will have a really positive impact on regional and national health, wellbeing and economic prosperity.

The centre will respond to evidence-based workforce development needs from ABMU and Hywel Dda university health boards, as well as Wales’ healthcare and life science skills needs identified by Welsh Government and industry.

Although based at the Singleton Health Campus, the Healthcare and Life Sciences Skills Centre will work in harmony with the specialist clinical education centre at Morriston and operate across ABMU and Hywel Dda.
It will include the **Talent Bank**, a collaboration with Gower College developing life science skills in 16-18 year olds at A-level, or offering new apprenticeships. This will link FE and HE to enhance the life science skills supply pipeline for the region. This will all be done in collaboration with industry.

**Bevan Academy for Leadership and Innovation**

This will be an international centre of excellence for health service development and innovation. It will be a leading independent change agent, bringing together a range of experts and partners and resources from the public, private, academic and voluntary groups, to help find solutions together, to improve and strengthen health in Wales. It will encompass the **Centre for Prudent Healthcare** and the **Wales Centre for Rural Health**.

**Guest@ILS**

The ILS Medi-Park will have a dedicated life science overnight facility in the Swansea region, and promote Swansea as a key destination in this growing global market.

Guest@ILS will offer hospitality, wellness tourism*, life science, research and healthcare. Located on the Singleton Health Campus, Guest@ILS will benefit from breath-taking views of Swansea Bay, local beaches and beautiful parkland surroundings. It will also offer access to Colleges of Medicine and Human and Health Science facilities, same-day ABMU healthcare, and the university’s £20m sports village. Guest@ILS will:

- Be a tangible expression of the world-leading South West Wales life science and health research excellence
- Communicate the benefits and impact of ARCH to the public, visitors and guests
- Integrate life science, health and wellness as core themes throughout all aspects of its facilities and resources
- Have medical diagnostics, therapeutic, spa and fitness facilities, as well as restaurants and a state of the art conferencing centre
- Play a part in healthcare delivery through, rest, recuperation, relaxation, exercise and fitness, diagnostics and therapeutics
- Provide comprehensive, personalised health and wellbeing data to guests throughout their stay

*Wellness tourism is a growing travel market for people who want to promote health and well-being through physical, psychological, or spiritual activities.*

**ARCH: skills and economic development**

To sum up, Medi-Park’s economic impact will come from:

- **Healthcare technology job creation**: Growth of research activity to create new employment opportunities.

- **Life sciences and healthcare skills job creation**: Working with employers to support their growth, targeting employment opportunities across Life Sciences and healthcare sectors.

- **Employment growth in supported enterprises**: Continued efforts of the ILS Enterprise and Innovation team will support companies in exploiting the research coming out of the HTC, creating more jobs across the sector.

**7. How will it be funded?**

We live in times of austerity, but investing in ARCH will appreciably strengthen and sustain the region’s economic status now, and in the future.

The sharing of NHS land and buildings underpins the entire scheme. Both the Morriston and Singleton sites are already owned by ABMU. Just under £600m will be spent on healthcare capital builds, and other health infrastructure across the entire ARCH region.

A number of financing options are being explored. These include *innovative financing, NHS capital funding and European structural funding*. If successful, innovative finance will be the main source of financing, learning from the positive experience of the Velindre NHS Trust Innovative Finance programme.

*Innovative financing includes non-traditional ways of raising capital, and can be used to complement government funding. It can include micro-funding, joint public-private partnership, market-based financial transactions etc. It is used increasingly in the healthcare sector, particularly in developing countries.*

**8. What strategic aims will ARCH meet?**

ARCH offers a holistic regional approach, based on collaboration of health and science, and the people of South West Wales. Together we can maximise opportunities to deliver the best health, wealth and wellbeing for the region.
Working with the wider public, voluntary and private sectors, ARCH will develop and put in place new services based on the principle of care being provided closer to people’s homes. New buildings and infrastructure will make it easier for people to access the care they need.

Our hospitals will be dedicated to those who are acutely unwell and need specialist care. When required, this will be delivered in environments which are comparable with the best in the world.

The collaboration with science will help to grow the regional economy, providing more sustainable and skilled jobs.

ARCH meets the requirements of a large number of strategic objectives, on local, regional, Wales, UK and global levels.

ARCH is fully aligned to the Integrated Medium Terms Plans (three year plans) for both ABMU and Hywel Dda Health Boards. ARCH is the vehicle that develops and enables the regional collaboration to deliver for the populations of South West Wales.

The Welsh Government’s priorities are clear:

- **Growth and Jobs**
  The [Innovation Wales Strategy](2014) confirms the vital role that the life sciences and health sector has for business growth, but also in delivering significant social and economic benefits, which offers a dual gain. Whilst NHS staff are good at identifying innovations and new treatment methods that lead to better outcomes and improve the health of the population, wide implementation can sometimes be frustratingly slow. The NHS is identified in Innovation Wales as “a sleeping giant” in these developments – this partnership, provides just such an opportunity for exploiting these opportunities

- **Improving health and well-being for all of our citizens**
  ARCH has, as a primary aim, the goal of delivering a more equal and healthy society. It will use research, service provision and education to improve prosperity and reduce inequality. ARCH will deliver a joined up, regional model for health. The core of this model is based upon working with the communities of South West Wales to improve health and wellbeing of our population.

- **Educational attainment**
  ARCH will promote educational attainment through:

  - Development of dedicated educational programmes to support the promotion of good health and wellbeing
  - Working with Further Education Colleges and Universities to develop a health and wellbeing skills pipeline ready for the jobs that we know the region will require in the future
  - Enhanced learning and employment opportunities for learners and leavers
- Enhanced research and impact of research activity

- **Support children, families and deprived communities**

ARCH will promote educational attainment through:

- Contributing to reduced inequalities in health through improved access to services and public health programmes

- Improved access for some of South West Wales most deprived communities to a Women & Children’s purpose built state of the art facilities which relocates Swansea’s Obstetric, Gynaecology, Regional Neonatology services, Inpatient and Urgent Paediatrics and Paediatric Surgery together on one-site. This will deliver best practice standards, best efficiency gains and a seamless model where the services are co-located and expert advice and investigation is always on hand.

- **The Benefits of ARCH**

Next Steps

1. Continue to develop the detail of the programme working with our key partners Hywel Dda University Health Board and Swansea University

2. Prepare a Strategic Programme Business Case and submit this to Welsh Government in early 2016