

BLACKPOOL INNOVATION CATALYST

THE TIME IS NOW!

BLACKPOOL has a **ONCE-in-a-GENERATION OPPORTUNITY** to TRANSFORM ITSELF by becoming the UK's **HOME** for **SUSTAINABLE DATA CENTRES**, bringing wide-reaching **BENEFITS** for the whole town.

WHY NOW?

THE DATA CAPACITY OPPORTUNITY
 DATA CABLE PASSING THROUGH BLACKPOOL
 Wind farms DEVELOPMENT off our coast

NET ZERO
 TO REACH our GOALS We need to move away from FOSSIL FUELS

The Government's **LEVELLING UP** Agenda means an **APPETITE** for SUPPORT exists

BLACKPOOL COUNCIL is also **SUPPORTIVE**

ENERGY SECURITY is more **IMPORTANT** than **EVER**

THE FUTURE

BLACKPOOL CAN SHOWCASE **GROWTH AND SUSTAINABILITY**

THE INNOVATION PROCESS

- **CATALYST ACTIVATION**
- **INNOVATION COLLABORATORIES**
- **CHALLENGE ACTION GROUPS**
- **REVIEW AND REFLECT**
- **SYMPOSIUM**

1 OUR UNIQUE OPPORTUNITY

BLACKPOOL has a **CRITICAL ADVANTAGE** - CLOSE PROXIMITY to a number of KEY ENERGY SOURCES

OFFSHORE WIND TURBINES on our COASTAL DOORSTEP - with MORE coming

We are in an area **RICH** in **RENEWABLES**

GREEN ENERGY

A chance to **BUILD RELATIONSHIPS** with providers of **RENEWABLE ENERGY** near our Coastline

LOCAL. SUSTAINABLE. ENERGY.

THE NORTH ATLANTIC LOOP HIGH SPEED CABLE PASSES THROUGH BLACKPOOL ...

If we can **TAP** into it it can help us to **DRIVE ECONOMIC GROWTH** in our AREA

LOW LATENCY
 TIMELY SUPPLY

CUTTING-EDGE ADVANTAGE HIGH SPEED + VAST CAPACITY

Engage with **BATTERY FARM DEVELOPERS?**

EXPLORE ENERGY STORAGE DEVELOPMENT

2 BUILDING ON OUR OPPORTUNITY

Potential to **CREATE/SUPPORT/PARTICIPATE** in a **LOCAL ENERGY MARKET**

CONNECT INTO THE GRID (back up for Battery storage)

Have People **TRADING** on it?

3 CREATING OUR ECOSYSTEM

TECHNICAL INFRASTRUCTURE

USING the **SPEED** and **CAPACITY** AVAILABLE to create an **ETHICALLY-POWERED DATA CENTRE BUSINESS**

at the **CORE** of our ECOSYSTEM

BRING A NEW PURPOSE to the **AIRPORT ENTERPRISE ZONE**

RECREATE it as a **KNOWLEDGE and SUSTAINABILITY QUARTER?**

TAKE **ADVANTAGE** of WHAT'S THERE - and NOT BEING USED



4 SUPPORT SOCIAL + ECONOMIC GROWTH

HEAT PROJECTS We could divert the **SURPLUS HEAT** from our **NEW DATA CENTRES** into **SOCIAL HOUSING**

Or into the **LAW COURTS**, **MULTIVERSITY** or **COLLEGES**

Even buses?

BUILD A HEAT NETWORK - USING the **SURPLUS HEAT** GENERATED by the **DATA CENTRES**

EDUCATION and SKILLS DEVELOP **NEW EDUCATIONAL FOCUS** on **GREEN SKILLS**

BRINGING ECONOMIC GROWTH

SUCCESS BREEDS SUCCESS

PEOPLE COME TO SUCCESSFUL CITIES

We have an **OPPORTUNITY** to create a **CHANGING VIEW** of BLACKPOOL

SOCIAL and ENVIRONMENTAL IMPACT

BUILDING PARTNERSHIPS to be sure we're teaching the **RIGHT SKILLS**

WITHOUT DAMAGING THE PLANET

WE NEED TO BRING THE COMMUNITY WITH US

THE GREAT BRITISH GREEN ACADEMY? to create new university courses and launch!

BLACKPOOL IS MORE INVESTABLE if we're the **HOME** of **CUTTING EDGE GREEN DIGITAL SKILLS**

CREATING LOCAL DIVERSE QUALITY JOBS

BLACKPOOL CAN BE A BEACON for **TALENT RECRUITING** and **RETAINING**

SUCCESS BREEDS SUCCESS

NEW AND EXCITING BLACKPOOL

WE HAVE A **PROUD HISTORY** of "EARLY ADOPTION"
 • First **ELECTRIC TRAM**
 • First **BRITISH TOWN** with **electric street lighting**

WE HAVE BIG IDEAS

ON THE PATH TO NET ZERO+ Whole (community) **PROSPERITY**

EXPAND TO LANCASTERSHIRE then **UK WIDE!**

MAKE IT WORK HERE FIRST

WE INCREASED OUR SCOPE

From the **TECH** sector to **REAL** INNOVATION

From **BLACKPOOL** to the **WIDER REGION** and **BEYOND!**

The issues are **ALL FIXABLE!**
 • **TECHNICAL**
 • **REGULATORY**
 • **COMMERCIAL**

and some of our 'NICE to Haves' are now **MUCH MORE FEASIBLE!**
 - Battery storage
 - Heat reuse

OUR PARTICIPANTS

This **INNOVATION CATALYST** had a **FULL SECTOR APPROACH** - Keeping **ALL SECTORS** involved.

THREE CHALLENGE GROUPS



- using our sessions together to **MAP OUT** a **NEW VISION** for **BLACKPOOL**

WHAT WE LEARNED FROM OUR TIME TOGETHER

TRUST
 The Process has built

if we'd started with **ALL CEOs** in the room... would we have achieved as much? **NO! WE'VE BUILT A TEAM!**

We met a **LOT OF GREAT PEOPLE!**

It makes the **PROJECT** much more **VIABLE**

It helped us to take it from **EARLY POTENTIAL** to **CONCRETE PROPOSAL**

Getting the **COUNCIL SUPPORT** is **REALLY POSITIVE**

Small distributed centres in town can be supplemented by **BIGGER** centres **OUTSIDE** the town.

We knew **HEAT NETWORKS** were a **POTENTIAL SOLUTION** - this is helping to make it a **BUSINESS CASE**

The answer is in **securing energy storage** **LOCALLY**

We realised **Engaging with wind-farm developers** wasn't easy

Need to be able to RESOLVE this

ONLY ACHIEVED THROUGH COLLABORATION

BLACKPOOL

INVESTING IN OUR INFRASTRUCTURE TO CREATE A GREEN DIGITAL ECOSYSTEM

GREEN TECH **DIGITAL TECH** **WHOLE AND BALANCED**

chapplecartoons.co.uk