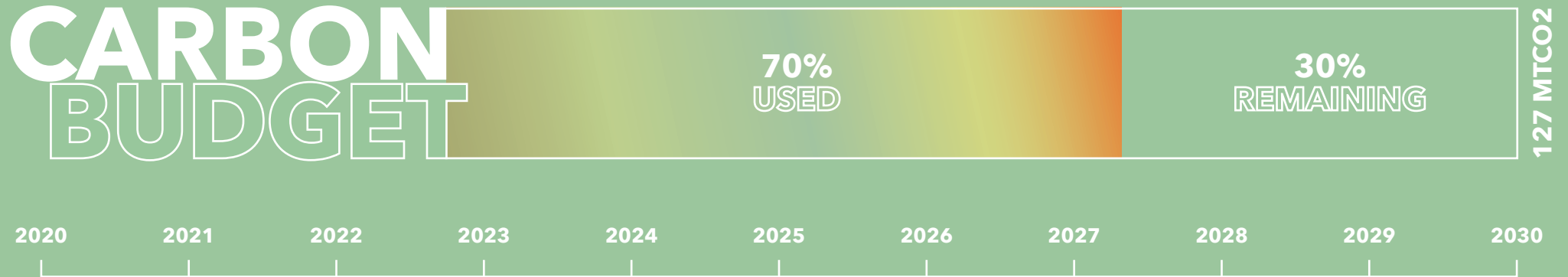


TYNDALL APPROACH



**Natural** ⇨

This indicator will collect metrics and data to show changes in our natural assets that are happening because of regional efforts to become England's Greenest Region. This includes changes in quantity and quality of resources and species in our region and the ability of our landscapes to store carbon. Overtime it will begin to show the services we get from nature and the value of these services to us as individuals and businesses.



**Economic** ↓

The transition to a green economy is the focus of this metric. Tracking the growth in green training and employment opportunities, reporting on the change in carbon intensity of the economy and transport use and how the economic sector is reducing its environmental impact. We don't currently look at our economic performance through a climate and biodiversity lens so where necessary we have used best fit and proxies, acknowledging the selected metrics will over time.



**Social** ↑

The climate crisis and ecological collapse are a result of human activity. They are and will increasingly affect our health and wellbeing. We need to change our behaviours and relationships with the natural world individually and collectively. Over time this set of metrics will indicate the impact of the climate crisis and if we are making sufficient changes.



**Transition** ↑

In theory we could address the climate crisis and ecological breakdown without recognising and rebalancing the deep structural inequalities in our society. In practice, not only would this be morally indefensible it was also be an ineffective and short term response. This set of indicators is a sense check on the traditional triple bottom line of environmental social and economic.



# NATURAL CAPITAL INDICATOR

Shows the growth in the quality and value of our natural environment

## KEY

↑ Increasing

↓ Decreasing

⇒ Remains the same



## OUR WILDLIFE

⇒ CHANGES IN LAND SPECIES

⇒ CHANGES IN SEA SPECIES

↑ CONDITION AND CONNECTIVITY OF WILDLIFE & PROTECTED SITES



## SERVICES FROM NATURE

⇒ SUSTAINABLE USE OF OUR RESOURCES

↑ ACCESS TO NATURE

↑ VALUE OF NATURE TO OUR REGION

⇒ AMOUNT OF CARBON OUR HABITATS ARE ABSORBING



## HOW OUR LANDSCAPES ARE CHANGING

⇒ INCREASE IN AREA OF OUR NATURAL AND SEMI NATURAL HABITATS

↑ CONNECTIVITY OF OUR LOCAL HABITATS

↓ QUALITY - AIR/WATER/ SOIL



# ECONOMIC CAPITAL INDICATOR

Contribution of our economy to greening the North East of England

## KEY

↑ Increasing

↓ Decreasing

⇒ Remains the same



## INVESTMENTS IN OUR LANDSCAPES



ADAPTATION AND  
RESILIENCE TO EXTREME  
WEATHER EVENTS



REDUCING THE EFFECTS  
OF A WARM CLIMATE



ENVIRONMENTAL  
BETTERMENT



## GREEN JOBS AND RESEARCH



ENERGY COAST/  
GREEN JOBS



RESEARCH FUNDING  
FOR GREEN PROJECTS



LOW CARBON  
PROJECTS



## REDUCING ENVIRONMENTAL IMPACT



CARBON INTENSITY FOR  
THE ECONOMY (GVA)



NUMBER OF BUSINESS  
REPORTING AND REDUCING  
THEIR ENVIRONMENT



CHANGE IN  
TRANSPORT USE



# SOCIAL CAPITAL INDICATOR

How we are achieving a sustainable future for our communities

## KEY

↑ Increasing

↓ Decreasing

⇒ Remains the same



## CLIMATE ACTION OF PEOPLE AND COMMUNITIES



COMMUNITY OWNED ENERGY GENERATION SCHEMES



IMPROVING COMMUNITIES WATER AND WASTE MANAGEMENT



PEOPLE'S SENSE OF OWNERSHIP OF THEIR ENVIRONMENT



CONSUMPTION EMISSIONS



## HOW CLIMATE CHANGE IS AFFECTING OUR HEALTH



INFECTIOUS DISEASES



POLLUTION RELATED DISEASES



WEATHER RELATE AND ILLNESS/ DEATHS



MENTAL HEALTH



## GREENER WORKPLACES



UP TAKE OF CYCLE TO WORK/ ACTIVE TRAVEL SCHEMES



DECLARATION OF CLIMATE EMERGENCY/ ENVIRONMENTAL AUDIT WITH ACTION PLAN



INCREASED DIVERSITY IN WORKPLACES



% PUBLIC SECTOR SPEND ON GREEN PROJECTS



# TRANSITION INDICATOR

Ensuring the benefits of achieving net zero carbon are experienced by those most vulnerable to the transition to a green economy

## KEY

↑ Increasing

↓ Decreasing

↔ Remains the same



## HOW OUR ENERGY IS USED



FUEL POVERTY



CHANGES IN EPC RATINGS DOMESTIC AND PUBLIC BUILDINGS



CARBON INTENSITY OF CONSUMPTION



## TRAVELLING IN A CLIMATE FRIENDLY WAY



DISTANCE TRAVELED BY MODE



ACCESS TO ELECTRIC CARS



ALTERNATIVE VEHICLE INFRASTRUCTURE



SPEND ON SUSTAINABLE TRAVEL PROJECTS VERSUS FOSSIL FUEL



## PREPARING FOR GREEN EMPLOYMENT



UPSKILLING OF WORKFORCE



ACCESS TO AND UPTAKE OF TRAINING



UP TAKE OF RELEVANT EDUCATIONAL PATHWAYS