

# Shifting Baselines

DATA + STORIES = UNDERSTANDING

THE FIRTH OF FORTH

Flipping our imaginations back... To when the Forth was full of fish...

A BUSY URBAN WATERWAY  
RICH CULTURAL HISTORY

ABUNDANCE OF LIFE  
NATURE

TELLING ITS STORY

ACTION

BREAKING DOWN BARRIERS  
We can help each other

BEHAVIOUR CHANGE  
Many blockages are caused by littering

INHERITING MEMORIES

Be AMBITIOUS about sharing information

WATER QUALITY DATA

GRANTON COASTAL REEF PARK

WE PROTECT WHAT WE REMEMBER

NAMING AND PRESERVING

Visualising data throughout time

NEW WIND FARMS  
Ongoing Monitoring

BALANCING PEOPLE'S NEEDS WITH NATURE'S

IMPROVING URBAN WATER  
Urban waters route map

Monitoring Reporting

CONSIDERING THE LAND AND THE SEA TOGETHER

DESIGN WITH HOPE

WE WANT to be more engaged with local communities

PROJECTING CHANGE

LOOK FORWARD

LOOK BACK

TRENDS

SEWAGE OVERFLOWS  
Before 1978 all waste water went out to sea untreated

SCOTTISH WATER  
Strategic Drainage Partnership

CENTRALISED MAPPING



GIS  
GEOGRAPHICAL INFORMATION SYSTEMS

ENVIRONMENTAL SENSORS  
PORT CONTROL  
VESSEL TRAFFIC SERVICES

WHAT DATA COULD BE SHARED TO ENABLE COMMUNITY PROTECTS, NATURE BASED SOLUTIONS, TO PROTECT BIODIVERSITY?

Representing DATA so it makes SENSE

DREDGING  
Moving material on the seabed

FIFE COAST AND COUNTRYSIDE TRUST



LOCAL IMPACT

SEAGRASS HABITATS + BIRDS

Bringing information together can help create a RICHER PICTURE

Stop DATA sitting in the VOID

holistic local decision making



EDINBURGH SHORELINES PROJECT

TARGETTED ECOLOGICAL RECOVERY  
NEW BIRDS ARRIVING  
OTHER BIRDS DISAPPEARING



The last Swifts are leaving

MAKING

CONNECTIONS

WE COULD HAVE TOLD YOU IF YOU'D ASKED US

with our changing

SCIENCE TO ENGAGE

OF THE FORTH

Communities know their own areas

LOCAL PEOPLE AND LARGER STAKEHOLDERS WORKING TOGETHER

INCLUSIVE CONVERSATIONS

Language matters  
Sharing information in a way that people understand

open honest dialogue

CUSTODIANS

COLLECTIVE

STORIES

of real local progress

ALL OUR ACTIONS

HAVE CONSEQUENCES