

Coastal Communities 2150

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What is CC2150?

A project helping **communities** develop their **own** local visions and action plans to **decrease their vulnerability** and **increase resilience** to climate and coastal **change**.

Background:

INTERREG IVA – 2 Seas programme (part-financed by ERDF)

Runs from January 2011 – March 2014



The Partners:



Why 2150...Here and Now?

Some impacts of climate and coastal change are already being felt.

By developing plans and actions now, we can reduce the risks and maximise opportunities.



Why Kent?

Risks

Loss of Biodiversity
Risk to Built Infrastructure
Risk to Food Security
Increased Frequency of
Flooding
Health Complications
Increased Rates of Coastal
Erosion
Shrinking of Beaches
Loss of Landscape Value

Opportunities

Increased Tourism
Increased Regeneration
Potential
Agriculture and Biodiversity
Diversification
Renewable Energy Resources
Skills Development
Economic Development
Community Building
On-going Funding Potential

Why Kent? The Evidence Base

• Background Data

- Joseph Rowntree reports
- DEFRA reports on climate change effects
- NHS and WHO reports on health vulnerabilities
- EA Maps reports on coastal change
- UKCIP Reports

Site Visits



Stakeholder Data



Local Data

Climate Change Effect	Projected Changes							
	2050s				2080s			
	Likely		Highly Unlikely		Likely		Highly Unlikely	
	M	H	M	H	M	H	M	H
Change in Sea Level (m)	.2	.3	.4	.5	.6	.8	1	1.2
Change in Annual Temperature (°C)	2.46	2.74	3.57	3.93	3.44	4.28	4.99	6.09
Change in Warmest Day Summer (°C)	1.91	2.26	5.95	6.91	2.49	3.29	7.97	9.88
Change in Wettest Winter Day (%)	11.63	10.27						
Change in Summer Precipitation (%)	-18.41	-18.84						
Change in Winter Precipitation (%)	13.28	13.60						

Risk Assessment—Physical

Official Designations



Flood Risk



Retrofit/Renewable Energy Potential



Coastal Defences



Risk Assessment—Community

Vulnerability

Level of vulnerability	Vulnerability (Relative to Kent Averages)			
	Older People	Young Children	Low Income	Health Problems
Average	Average	Average	Average	Average

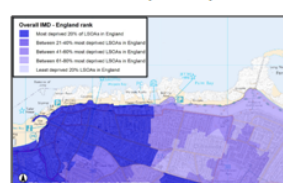
Employment

Employment by Sector		Percentage of Total Employment	
		2005	2015
Manufacturing	12%	12%	12%
Construction	10%	10%	10%
Health and social work	11%	11%	11%
Education	11%	11%	11%
Public services	12%	12%	12%
Retail and consumer services	10%	10%	10%
Accommodation and food services	10%	10%	10%
Administrative and support activities	10%	10%	10%
Transport and storage	10%	10%	10%
Information and communication	10%	10%	10%

Historic Sites



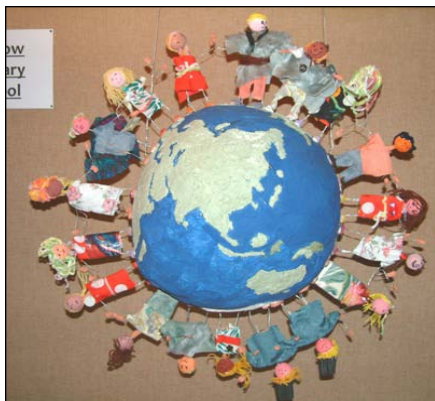
Index of Multiple Deprivation



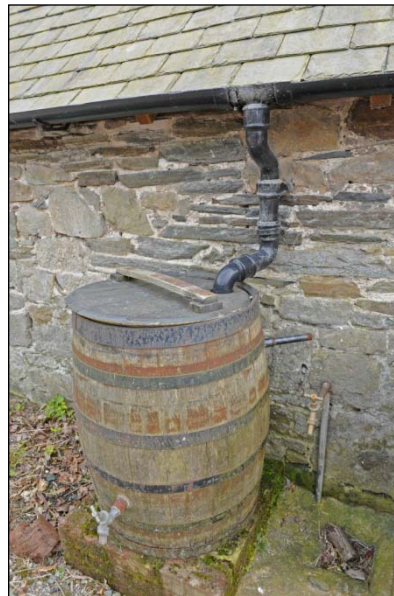
CC2150 Priority Communities



What will CC2150 Deliver



Practical Actions



Next Steps

- Attend and Host Events
- Gather Local Feedback
- Develop Vision and Action Plans

