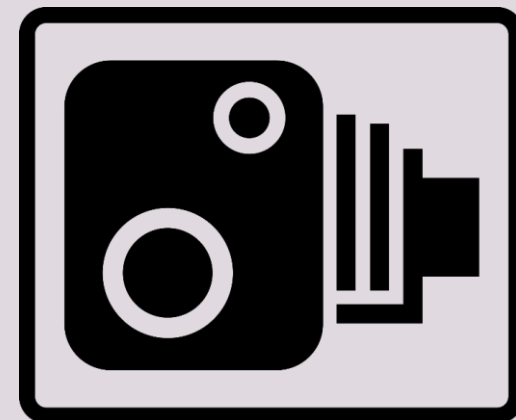
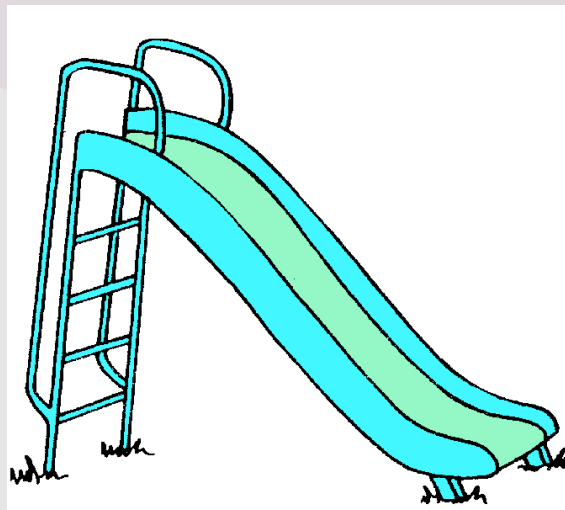


# Sustainability West Midlands Climate Resilient Communities Conference 2016



# Tweet us during today's Conference:

**#CRCC2016**  
**@SWMtweet**



# Today's Conference is supported by Climate Ready



# Who is SWM?

**We are the sustainability adviser for the leaders of the West Midlands.**

- Government recognised ‘sustainability champion body’ for West Midlands.
- Our Board is private sector led and cross-sector representative.
- Created in 2002 as a not-for-profit company, that works with over 100 corporate members in the business, public and voluntary sectors.

**Our role is to act as a catalyst for change through helping leadership in:**

- **Strategy** – organisations preparing for the future e.g. sustainability reviews, monitoring.
- **Delivery** – sectors sharing and applying good practice e.g. learning networks, funding, technical advice.
- **Innovation** – cross sectors developing new solutions e.g. research on sustainability priorities for a better region.

**81% of our customers rated us ‘excellent to good’ in the delivery of our mission (2011-14).**

# How to get there – Our Roadmap to 2020

## West Midlands Roadmap to a Sustainable Future in 2020

### 2010 Challenges

#### Business

- The West Midlands performs below the English average in productivity by £10-15 billion
- The long-term unemployed face difficulty in accessing work
- Concentration of manufacturing and motorways will make it more challenging to meet carbon emission reduction targets

#### Community

- An average gap in life expectancy of 10 years exists between the best and worst areas within the West Midlands
- Poor biodiversity and natural resources are strongly correlated with poor health, low employment expectations, poverty and poor life chances
- An estimated 13% households in the West Midlands live in 'fuel poverty'

#### Place

- On top of national targets, the West Midlands needs to reduce emissions by an additional 2 million tonnes of CO<sub>2</sub>e due to economic geography and limited capacity for 'offshore' renewables
- Renewable energy capacity in the West Midlands will need to increase fifteen-fold to meet the national target
- Transport accounts for 30% carbon dioxide emissions in the West Midlands and use of public transport is falling
- A legacy of intense land use has resulted in the degradation of valuable natural resources

### Priority Actions

#### Jobs

Development & coordination of initiatives to stimulate low carbon jobs & skills

#### Procurement

Public sector sustainable procurement to stimulate innovation & save costs

#### Waste

Infrastructure for diverting commercial & industrial waste from landfill

#### Buildings

Retrofitting existing housing stock and buildings to improve energy efficiency

#### Transport

Improved low carbon transport choices - flexible working, cycling, walking

#### Energy

Decentralised energy networks focused on regeneration areas

#### Environment

Environmental infrastructure to enhance water supply, flood defences & green spaces

### 2020 Vision

#### Business

- The West Midlands is a hub for low-carbon technology innovation and an international supplier, increasing productivity by 30%
- There has been growth in the building refurbishment industry and the manufacture of wind turbines, fuel cells and solar fittings
- Investment in the motor industry has taken advantage of the 'green motoring' market

#### Community

- The life expectancy gap has fallen to 6 years as a result of employment, less pollution and healthier lifestyles
- Up-skilling programmes have equipped the local workforce with skills to enter new job markets
- Urban farming schemes are in place; many households, hospitals and schools are reaping the associated health benefits

#### Place

- Regional direct carbon emissions reduced by around 30% from energy efficiency action and 20% of electricity from renewable sources
- Many communities and businesses own micro-generation facilities to produce their own energy
- Homes are built to 'zero carbon' standards
- Traffic volumes have decreased 20% in rush hour due to flexible working & dedicated coach and car-sharing lanes
- Infrastructure is in place for the use of electric cars and bicycle-sharing schemes
- New flood defences have been put in place to defend against increasingly frequent floods

Leadership & perception change – civic and corporate leaders showing that work & lifestyle changes are desirable and realistic

# Conference Aims

- To engage, network and develop collaborative working opportunities with colleagues based within different sectors who have a shared aim of enhancing community resilience.
- To discover the national support, tools and initiatives in place that can help your organisation and communities to implement resilience programmes.
- To learn from existing community resilience programmes and to understand the real life consequences of severe weather events on communities.

<b>09:00</b>	<b>Refreshments and networking</b>	
<b>09:20</b>	Welcome and introduction	Alan Carr, SWM
<b>09:30</b>	Healthy and Resilient Communities: An introduction	Jim Hodgson, Environment Agency
<b>09:50</b>	Resilient Communities: The Climate Outreach approach	Jamie Clarke, Climate Outreach
<b>10:10</b>	Climate disadvantage: The JRF approach and climate justice	Katharine Knox, Joseph Rowntree Foundation
<b>10:30</b>	Climate disadvantage: The Climate Just tool	Rachel Walters, Environment Agency
<b>10:45</b>	<b>Refreshments and networking</b>	
<b>11:05</b>	Sustainable Flood Memories: The Centre for Floods, Communities and Resilience	Prof. Lindsey McEwen, University of the West of England
<b>11:25</b>	Urban Heat: Community-led resilience to urban heatwaves	Kevin Burchell, University of Westminster
<b>11:45</b>	Working with flood vulnerable communities	Paul Cobbing, National Flood Forum
<b>12:05</b>	Q&A session	All
<b>12:30</b>	<b>Lunch and networking</b>	



12:30	<b>Lunch and networking</b>	
13:15	Welcome back Official launch of the new West Midlands Climate Resilience Network	Alan Carr, SWM Paul Fisher, Chair of WMCREN
13:25	The LRF perspective: Why is community resilience important to us?	Laura Edwards, Hampshire Local Resilience Forum Dean Hodges, Hampshire Fire and Rescue Service
13:45	The Flood Risk Management perspective: Why is community resilience important to us?	Hannah Burgess, Staffordshire County Council Thomasin Sayers, National Flood Forum
14:05	The Northamptonshire Flood Toolkit	Josie Bateman, Northamptonshire County Council
14:25	<b>Refreshments and networking</b>	
14:45	<b>Real life: dealing with the consequences 1</b> After The Floods project, lessons from Worcester	Steven Emery and Stephen Brammer, University of Birmingham
15:05	<b>Real life: dealing with the consequences 2</b> Parkgate Flood Resilience Planning	Cllr. Martin Barker, Cheshire West and Chester Council
15:25	<b>Real life: dealing with the consequences 3</b> Flood recovery and protection of buildings	Mary Dhonau, Chair, Flood Protection Group Property Care Association
15:45	<b>Workshop: The benefits of working collaboratively to enhance community resilience</b>	All
16:30	Evaluation forms Conclusions	All Alan Carr, SWM
16:40	<b>Close</b>	

- Bilbrook: <http://bit.ly/1XLIY6M>

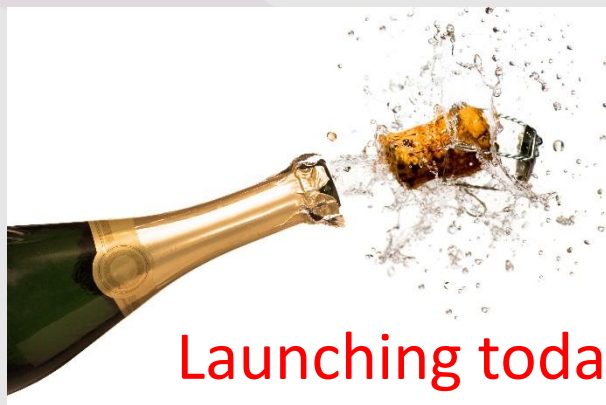


- Much Wenlock: <http://bit.ly/1RrWrLO>





# West Midlands **Climate Resilience** Network



**Launching today!**