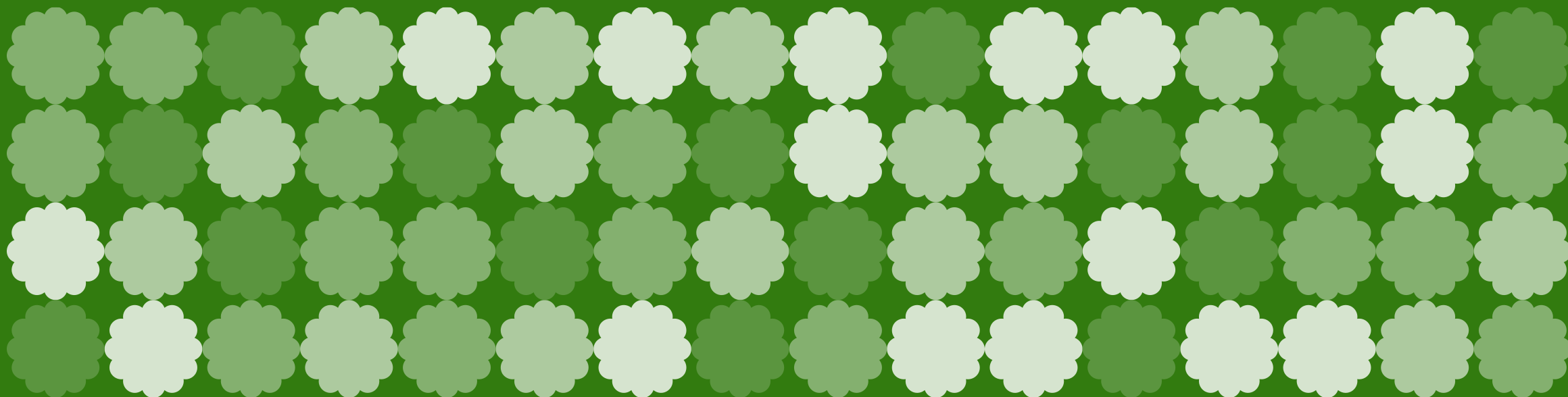


Five Year Environment Plan Delivery

ITEM 06a

Challenge Group Chairs



Low Carbon Challenge Group

Five Year Environment Plan Aims and Objectives

Aim 1: Our energy infrastructure is smart, flexible and fit for a low carbon future

- Increase renewable energy generation and energy storage installed
- Increase the resilience, capacity and flexibility of the electricity network and its users
- Increase the number, generation capacity and level of operational heat networks
- Increase installed capacity and use of low carbon hydrogen

Aim 2: Our buildings are sustainable and energy efficient

- Increase the number of homes retrofitted
- Increase the number of public and commercial buildings retrofitted
- Increase the number of low carbon heating systems installed
- Ensure all new developments are net zero carbon and sustainable

Emerging Task and Finish Groups

- Community Energy
 - Low Carbon Heating Industry Group
 - Hydrogen Strategy Delivery
-

Natural Capital Group

Five Year Environment Plan Aims and Objectives

Aim 4: Our natural environment is enhanced, providing benefits for people, economy and nature

- Expand and enhance our best spaces for nature
- Better connect the best spaces for nature by creating and restoring habitats
- Reduce pressures on our water environment
- Increase the amount of green and blue spaces (parks, countryside, public realm etc) that are better managed for nature
- Increase the number of green and resilient transport routes, streets & highways
- Increase the amount of green and resilient new infrastructure, regeneration and development
- Increase the amount of community-led action and better connection to nature

Aim 6: Our city region is better adapted and more resilient to the increasing impacts of climate change

- The priority risks arising from climate change are managed and reduced
- The adaptive capacity and resilience of our communities and organisations is increased with a focus on the most vulnerable
- Publish and begin the delivery of a Climate Adaptation Strategy

Emerging Task and Finish Groups

- TBC following on from LNRS publication

Sustainable Consumption and Production Challenge Group

Five Year Environment Plan Aims and Objectives

Aim 5: Our city region transitions to a circular economy and our waste is reduced, reused or recovered

- Increase the rate of transition to a circular economy through an industry approach primarily focusing on construction, plastics and textiles industries
- Deliver policies and programmes to make carbon reduction actions and sustainable lifestyles attractive
- Reduce the amount of waste in every waste stream by reducing consumption and increasing reuse, repair and redistribution
- Develop and implement the GM Waste and Resources Strategy

Emerging Task and Finish Group

- Circular Economy Groups
-

Bee Net Zero

Five Year Environment Plan Aims and Objectives

Aim 8: Our economy will grow sustainably because of the interventions we make to benefit both our residents and businesses

- Increase the number of businesses which are more resource efficient, reducing their operating costs, impact on nature and carbon emissions and sustainably innovating their products, processes and services
- Increase the resilience of supply chains, managing and mitigating risks from a changing climate
- Increase the size and productivity of GM's Environment & Low Carbon sector, creating secure, good quality jobs for our residents
- Increase the number of residents who have the skills needed to work in the greener economy

Emerging Task and Finish Groups

- Bee Net Zero Engagement
 - Industrial Decarbonisation
 - Green Skills
 - Sector Development
-

Five Year Environment Plan Forum

Five Year Environment Plan Aims and Objectives

Aim 1: Our energy infrastructure is smart, flexible and fit for a low carbon future

Aim 2: Our buildings are sustainable and energy efficient

Aim 3: Our transport system is reliable, integrated, inclusive, affordable and enables active and sustainable travel

Aim 4: Our natural environment is enhanced, providing benefits for people, economy and nature

Aim 5: Our city region transitions to a circular economy and our waste is reduced, reused or recovered

Aim 6: Our city region is better adapted and more resilient to the increasing impacts of climate change

Aim 7: Our air quality enhances the health, wellbeing and quality of life of our residents

Aim 8: Our economy will grow sustainably because of the interventions we make to benefit both our residents and businesses

Communications Challenge Group

Five Year Environment Plan Aims and Objectives

Aim 1: Our energy infrastructure is smart, flexible and fit for a low carbon future

Aim 2: Our buildings are sustainable and energy efficient

Aim 3: Our transport system is reliable, integrated, inclusive, affordable and enables active and sustainable travel

Aim 4: Our natural environment is enhanced, providing benefits for people, economy and nature

Aim 5: Our city region transitions to a circular economy and our waste is reduced, reused or recovered

Aim 6: Our city region is better adapted and more resilient to the increasing impacts of climate change

Aim 7: Our air quality enhances the health, wellbeing and quality of life of our residents

Aim 8: Our economy will grow sustainably because of the interventions we make to benefit both our residents and businesses
