Suffolk High Energy Users Network

Developing an active network of high energy users' delivering enhanced net zero plans







This project is funded by Suffolk's public sector leaders as part of their support for delivering the Suffolk Climate Emergency Plan

Emissions are falling but not fast enough to reach net zero by 2030



Suffolk Total Greenhouse Gas Emissions by Year

Source: Suffolk Observatory

Industrial and commercial emissions are falling but are still significant

Suffolk's Greenhouse Gas Emissions by Sector

Agriculture Domestic Industry & Commercial Public Sector Transport Waste Management



Source: Suffolk Observatory

Reducing emissions even faster

- Data obtained by New Anglia LEP suggests that 20 high energy operations are emitting nearly 30% of the industrial CO₂ in Suffolk
- High energy users are working hard to reduce emissions e.g.
- British Sugar turn sugar beet pulp into biogas for a combined heat and power plant
- In 2022 Muntons decarbonised its UK maltings by over 50% from its 2010 baseline
- But how can we help high energy users do even more even faster?

Inputs

Suffolk Chamber's expertise & experience in convening the private sector to share knowledge & best practice; combined with the University of Suffolk's research & dissemination expertise & Groundwork's advice & consultancy expertise

Activities

Researching & sharing emission reduction knowledge & best practice by HEN members & from elsewhere, supporting members Identifying & sharing best practice that is applicable for Suffolk SMEs

Outputs

Active knowledge sharing network, plans for faster emission reductions, events to support wider engagement with SMEs

Outcomes

More resilient businesses

Value added to & demand generated for other net zero initiatives Carbon and other emissions reduced even more even faster, supporting carbon neutral Suffolk by 2030

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Impact

Project methodology

- Share best practice between network members
- Research and share best practice from elsewhere
- Help SMEs in supply chains reduce emissions
- Link network to Suffolk projects that are seeking to reduce emissions
- Identify opportunities for new emission reduction projects (network support plan)
- Disseminate and showcase project outputs & outcomes

Business benefits

- Support in reducing emissions & operational costs
- Enhanced intelligence on appropriate local, national & international NZ projects
- NZ knowledge sharing whilst respecting commercial confidentiality
- Opportunity to participate in & shape local NZ projects
- Show casing best practice to Suffolk residents & policymakers
- Providing evidence of need for new NZ projects
- Creating social value
- A more resilient business