



2014 to 2020 European Structural and Investment Funds Growth Programme

Call for Proposals European Regional Development Fund

Priority Axis 4: Supporting the Shift Towards a Low Carbon Economy in All Sectors

Managing Authority:	Ministry of Housing, Communities and Local Government
Fund:	European Regional Development Fund
Priority Axis:	Priority Axis 4: Supporting the Shift Towards a Low Carbon Economy in All Sectors
Call Reference:	OC50R19P 0935
Local Enterprise Partnership Area:	Leeds City Region York, North Yorkshire and East Riding
Area Indicative Fund Allocation:	£17,170,000
Call Open:	Friday 28 June 2019
Call Closes:	23:59 on Monday 30 September 2019

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1. Introduction

The 2014 to 2020 European Structural and Investment Funds bring the European Regional Development Fund, European Social Fund and part of the European Agricultural Fund for Rural Development together into a single European Union Structural and Investment Funds Growth Programme for England supporting the key growth priorities of innovation, research and development, support for Small and Medium Sized Enterprises, low carbon, skills, employment, and social inclusion.

The Government has confirmed that it will guarantee funding for ERDF projects that are contracted by the end of 2020.

All contracted ERDF projects must be completed by the end of the programme period, 30 June 2023. Each application for ERDF will be required to demonstrate that it delivers good value for money and domestic strategic priorities.

The Funds are managed by the Ministry of Housing, Communities and Local Government for the European Regional Development Fund, Department for Work and Pensions for the European Social Fund and the Department for Environment, Food and Rural Affairs for the European Agricultural Fund for Rural Development. These Departments are the managing authorities for each Fund. In London, the Greater London Authority acts as an intermediate body for the European Regional Development Fund and European Social Fund programmes. In some other areas, intermediate bodies are being designated by the Department for Communities and Local Government and the Department for Work and Pensions to perform the following tasks:

- Input into project calls in respect of local development needs (with reference to ESI Funds strategies); and
- Assessment of applications against certain selection criteria in relation to fit with local priorities in respect of the European Regional Development Fund and European Social Fund.

The Managing Authorities and intermediate bodies work closely with local partners on ESI Funds sub-committees in each local enterprise partnership area. Partners on these sub-committees provide:

- Practical advice and information to the managing authorities to assist in the preparation of local plans that contribute towards operational programme priorities and targets;
- Local intelligence to the managing authorities (or intermediate bodies where designated) in the development of project calls that reflect operational programme and local development needs as well as match funding opportunities; and

- Advice on local economic growth conditions and opportunities within the context of the operational programme and the local European Structural and Investment Funds strategy to aid the managing authorities' (or intermediate bodies where designated) assessments at outline and full application stage.

This call is issued by the Ministry of Housing, Communities and Local Government and invites outline applications in respect of the European Regional Development Fund for England 2014 to 2020.

2. Call Context

On behalf of the national Growth Programme Board, the Department for Communities and Local Government (the managing authority) invites applications seeking European Regional Development Fund support under:

Priority Axis 4 Supporting the Shift towards a Low Carbon Economy in All Sectors

Investment Priorities:

- 4a** Promoting the production and distribution of energy derived from renewable resources.
- 4b** Promoting energy efficiency and renewable energy use in enterprises.
- 4c** Supporting energy efficiency, smart energy management and renewable energy use in public infrastructure, including in public buildings, and in the housing sector.
- 4e** Promoting low-carbon strategies for all types of territories, in particular for urban areas, including the promotion of sustainable multimodal urban mobility and mitigation-relevant adaptation measures.
- 4f** Promoting research and innovation in, and adoption of, low-carbon technologies.

The **European Regional Development Fund operational programme for England 2014 to 2020** sets out how the European Regional Development Fund will focus on investment to support economic growth and job creation. **Priority axis 4** of the operational programme aims to support the shift to low carbon economy in all sectors.

The UK Industrial Strategy identifies clean growth as one of the Grand Challenges faced by the UK economy. Our ambition is to maximise the advantages for UK industry from the global shift to clean growth – through leading the world in the development, manufacture and use of low carbon technologies, systems and services.

The [Clean Growth Strategy](#) sets out the Government's plans, policies and proposals to reduce greenhouse gases by 80% from 1990 levels by 2050. The strategy marks a clear step change to advance reductions in greenhouse gases to meet Government obligations. The key activities that will enable reaching these targets are: accelerating clean growth, improving business & industry and home energy efficiency, low carbon transport and energy. The holistic economy approach, with innovation taking a pivotal role, aligns closely with the Industrial Strategy and the aims of this programme.

Important guiding principles for the selection of ERDF operations within Priority Axis 4 therefore include:

- Any application for funding will be required to clearly demonstrate that it provides good value for money and supports domestic strategic priorities, including those outlined in the 2017 [UK Industrial Strategy](#), the [Business Productivity Review](#) and [Clean Growth Strategy](#).
- Applications must meet the requirement of, and make a meaningful contribution to, the delivery of the relevant Priority Axis of the [European Regional Development Fund Operational Programme](#) and where appropriate should reflect how such support will aim to improve productivity levels within small and medium sized enterprises.

In addition, applications will be expected to meet identified local development needs, as expressed in the scope of this call and as set out in the [Leeds City Region local enterprise partnership area](#) European Structural and Investment Funds strategy and [York, North Yorkshire and East Riding local enterprise partnership area](#) European Structural and Investment Funds strategy and, where relevant, Local Industrial Strategy.

Applicants are advised to familiarise themselves with the detail of the operational programme, local European Structural and Investment Funds Strategy and the relevant documentation listed in sections 5 through to 8 **prior to** submitting an outline application.

3. Scope of the Call

3.1. Scope

This call invites outline applications which support the delivery of priority axis 4 of the European Regional Development Fund operational programme and respond to the local development need set out in the [Leeds City Region local enterprise partnership area](#) European Structural and Investment Funds strategy and [York, North Yorkshire and East Riding local enterprise partnership area](#) European Structural and Investment Funds strategy.

<p>Indicative fund allocation:</p>	<p>Indicatively, through this call the managing authority expects to allocate up to £17,170,000.</p> <p>The indicative funds are split by local enterprise partnership area and category of region as follows:</p> <p>Leeds City Region LEP area: £14,300,000 More Developed</p> <p>York, North Yorkshire and East Riding LEP area: £2,870,000 More Developed.</p> <p>The managing authority reserves the right to invite to full application (and subsequently approve) projects that have a cumulative value that is higher or lower than this indicative allocation, subject to the volume and quality of proposals received.</p> <p>There is no indicative allocation of European Regional Development Fund funding between capital and revenue activity, both capital and revenue is eligible dependent on the nature of activities / investment priorities set out in the call.</p>
<p>Minimum application level</p>	<p>European Regional Development Fund investment is intended to make a significant impact on local growth. Applications are expected to demonstrate appropriate scale and impact.</p> <p>The managing authority does not intend to allocate less than £500,000 European Regional Development Fund to any single project. Consequently, new projects with a total value of less than £1,000,000 will not normally be supported under this call. Applications for less than £500,000 ERDF for extensions to existing projects will be considered.</p> <p>Where a project under investment priority 4a is supporting micro generation only, the project value can have a total</p>

	<p>value of £500,000 instead of the standard £1 million as the nature of the project involves the delivery of small scale renewables which require a smaller project size.</p>
Duration of project activity	<p>Projects should plan to complete delivery of project activity by the end of June 2023; however, the managing authority reserves the right to vary this date.</p>
Geographical scope	<p>The England European Regional Development Fund operational programme operates on a national basis. All eligible European Regional Development Fund expenditure must benefit organisations located in England.</p> <p>Revenue projects should predominantly support businesses based within the local enterprise partnership area of this call.</p> <p>Note: this call is limited to the more developed category of region within the two LEP areas participating in the call, specifically it excludes activity in East Riding of Yorkshire</p>
Specific call requirements	<p>As part of capital investment, particularly in investment priority 4c, proposals are encouraged to consider measures to promote energy awareness and behavioural change, so as to facilitate maximum realisation of the benefits of the energy efficiency technologies being introduced.</p> <p>Please note: Value for Money and alignment with Strategic Domestic Priorities, including the 2017 Industrial Strategy, (or any later publication that amends or supersedes that) will form a key part of the assessment and appraisal of all applications. Therefore proposals should clearly articulate and demonstrate how activities align with domestic strategic priorities and offer good value for money.</p>
Call deadlines	<p>For this specific call, applications will be assessed after the close of the single deadline.</p> <p>Applications received after the published call close date will not be considered. All applications will be assessed following closure of the call.</p>

3.2. Local development need

Projects must deliver activity which directly contributes to the objectives of priority axis 4 of the operational programme, one or more of the relevant Investment Priorities and meet the local development need expressed in the table below.

Local Development Need
<p>Local growth priorities:</p> <p>The local enterprise partnerships (LEPs) covering the Leeds City Region (not Barnsley), and York and North Yorkshire (not East Riding) are in discussion about merging to form a new LEP covering a wider geography of the Leeds City Region plus York and North Yorkshire.</p> <p>This call is being issued jointly, to enable the alignment of ESIF funded activity across this new geography. This new LEP area will be the biggest city regional economy in the country, with an annual output of £72bn representing 5% of the English total. It hosts 137,000 businesses, over 3 million residents and a workforce of 1.5m. Nine Higher Education institutions and 16 Further Education Colleges are based in the region, which is home to a student population of around 230,000.</p> <p>Despite the Leeds City Region's (LCR) undoubted economic strengths and assets, it is not realising its full potential. The decline of heavy industry has left a legacy of pockets of serious deprivation and an economy that is less productive than those in many other parts of the country.</p> <p>Both LEPs place an emphasis on "good growth", where a radical uplift in growth, productivity and business success goes hand in hand with quality jobs that connect all people and places to opportunity and improved quality of life. Achieving the vision will mean that the economy becomes stronger, more dynamic and resilient, and will be on course to consistently improve performance compared to national averages and international competitors over time.</p> <p>The original Leeds City Region Strategic Economic Plan (SEP) was agreed in 2014, and is now updated to reflect the new focus on good growth and to account for economic change since the initial publication. The SEP continues to be based on the four inter-connected strategic investment priorities:</p> <ul style="list-style-type: none">• PRIORITY 1: Growing Businesses• PRIORITY 2: A Skilled and Flexible Workforce• PRIORITY 3: Cost Effective, Clean Energy• PRIORITY 4: Infrastructure for Growth <p>For further information please see the Leeds City Region Strategic Economic Plan and YNYER LEP Strategic Economic Plan.</p> <p>In addition to the SEP's ambitions, this call has also been informed by the Leeds City Region's Transport related strategies that include a range of policies that will</p>

have a positive impact on reducing emissions arising from transport. These strategies aim to reduce emissions, air pollution and improve our built and natural environment ([West Yorkshire Transport Strategy](#), [West Yorkshire Low Emission Strategy](#)). The City Region has also developed an [Energy Strategy and Delivery Plan](#) that aims to achieve a zero-carbon energy economy by 2036. The strategy focuses on five priority action areas:

1. **Resource-efficient businesses and industry** – we will increase support to help companies reduce their energy costs and carbon emissions
2. **New energy generation** – we will develop an energy network that provides locally generated low-cost, low carbon energy to homes and businesses, including district heat networks and the landmark H21 hydrogen energy project in Leeds
3. **Energy efficiency and empowering consumers** – we will help households become more energy-efficient, lower their energy bills and reduce fuel poverty
4. **Smart grid systems integration** – we will develop the technology and infrastructure that enables people and businesses to use energy more intelligently
5. **Efficient and integrated transport** – we will target investment and influence transport operators to develop a sustainable transport network, including a greater proportion of electric and hydrogen-powered vehicles and increased opportunities for cycling and walking.

This call will therefore help to deliver these local needs.

In York, North Yorkshire and the East Riding, the [Local Energy Strategy](#) has established the 5 priority low carbon technologies which are the priorities to be taken forward in this area. These include:

- Energy efficiency
- Electric and plug-in hybrid vehicles
- Renewable heat (heat pumps)
- Anaerobic digestion
- Biomass for heat

To ensure that the deployment and utilisation of these technologies takes account of the geography of York and North Yorkshire, the Local Energy Strategy identifies 5 place based priorities to deliver using these technologies, which includes ambitions to:

- Support rural communities and businesses to benefit from energy independence
- Establish 'resource efficiency clusters'
- Create an energy smart City of York

- Create a circular agri-food sector
- Develop a zero carbon coast

Challenges

There are significant challenges that must be faced and overcome to deliver local ambition.

While CO2 emissions have decreased by 38 percent since 2005 to remain within the emissions envelope of a 2°C warming scenario advocated by the Paris Climate Agreement a further 53 percent decrease will need to be achieved by 2036. CO2 emissions are equally split across three main end users, with 31 percent from domestic, 34 percent from industrial and commercial, and 35 percent from transport.

Over time it is estimated that CO2 emissions from domestic and industrial and commercial will decrease, however transport CO2 emissions are expected to increase. A nationally significant amount of electricity is generated in the City Region, making it a net exporter of power. However of the 39.5TWh of electricity generated in the City Region only 2 percent is provided from renewable sources.

Although CO2 emissions per capita from the York, North Yorkshire and East Riding Local Enterprise Partnership area have reduced between 2005-2011, more needs to be done as, in most places, reductions have been significantly below the national and regional averages. The geography of the combined LEP areas is characterised by intensive industry and rural areas, resulting in higher than average CO2 emissions caused by industry, power generation, road transport and the agri-food sector.

In the YNYER LEP area sectoral emissions are highest for the utilities; land transport, storage and post; metal products; and fuel refining sectors. Forecasts indicate the highest growth in carbon emissions towards 2036 within the utilities and land transport, storage and ports.

The energy sector in the Leeds City Region currently employs only 7,900 people and is worth £918 million.

A nationally significant amount of electricity is generated in the Region, making it a net exporter of power. However of the 39.5TWh of electricity generated in the Region only 2 percent is provided from renewable sources. The energy sector in the Region currently employs only 7,900 people and is worth £918 million. Achieving the Region's share of the Paris Climate Agreement could generate over 100,000 jobs and £13 billion in GVA.

The rural geography of North Yorkshire and the East Riding provides a further challenge, which means that developments such as housing retrofits, heat networks and EV charging infrastructure are less commercially attractive than in urban areas, due to the lack of agglomeration found in urban areas.

Bearing these challenges in mind, this call has been informed by:

- Leeds City Region’s ambition for the City Region to become a resilient zero carbon energy economic underpinned by high quality green infrastructure;
- York, North Yorkshire and the East Riding’s ambition to be a pioneer of the circular economy, where waste and other negative externalities such as waste and air pollution are designed out of systems;
- the emerging [Leeds City Region Energy Strategy and Delivery Plan](#);
- the [Leeds City Region Strategic Economic Plan](#);
- the [York, North Yorkshire and East Riding Strategic Economic Plan](#); and
- the [York, North Yorkshire and East Riding Local Energy Strategy](#).

In addition, numerous sources of research point towards not only the challenge, but the opportunity to significantly improve business productivity through a smart approach to resource efficiency.

Rising resource costs are already hitting the bottom line of business. Fuel prices for the industrial sector (including electricity) have increased by 50% in the last decade (source: [BEIS](#)). 80% of UK entrepreneurs reported that material costs for their company had increased moderately or dramatically in the last 5 years source: [DEFRA](#)) and DEFRA estimates that ‘no-cost/low-cost’ interventions -‘quick-win’ savings opportunities with a payback of less than one-year – could generate £5.7 to £7.2 per annum.

In order to unlock this potential opportunity it will be critical that businesses of all sizes have the capacity and skills to be able to make business planning and investment decisions based on efficient resource use. Whilst resource costs are rising across the board, energy is the most immediate issue for businesses and the wider economy. The sharp increase in energy costs has been cited as one of the key factors for wages lagging behind inflation over the last decade. Within the Leeds City Region, 10% of GDP leaves the economy every year through payment of the energy bill. By 2020, this is forecast to grow to 15%. Our aim now is to facilitate investment in local energy efficiency infrastructure that will see this expenditure diverted back into the City Region’s economy to drive local productivity and growth.

Local priorities:

Proposals should demonstrate alignment with local development need and priorities including:

- Promoting the production and distribution of energy derived from renewable sources.

- Developing new energy infrastructure across the York, North and West Yorkshire which aims to promote the production and distribution of energy derived from renewable sources. Types of activity may include:
 - Activities that remove barriers to grid connection of low carbon energy projects.
 - Activities that support deployment of off-grid low carbon energy projects.
 - Activities that support the deployment of community scale low carbon energy systems, including activities that complement and adds value to the Leeds City Region District Heat Programme.
- Activity that supports the reduction of costs and GHG emissions within SMEs in relation to environmental resources (energy, waste, water) via a comprehensive business support package providing environmental assessments and grant support to improve business competitiveness. Under Investment Priority 4b, priority will be given to projects which address the following:
 - Interventions which improve business resilience, reduce costs and encourage the adoptions of new technologies to increase the competitiveness of SMEs in York, North and West Yorkshire;
 - Provision of environmental resource efficiency assessments of businesses which should help identify how the business can reduce resource use and thereby reduce costs, enhance operational efficiency and environmental credibility which in turn could lead to increase business. Assessments are to cover a minimum of energy, waste and water;
 - Provision of grant funding to take forward prioritised actions identified through the assessments. Grants are expected to be spent on a variety of environmental improvements and adoption of new technologies.

Activity coming forward under this Investment Priority should ensure that it aligns, and avoids duplication, with existing and planned SME resource/energy efficiency support schemes in this area.

- Supporting energy efficiency, smart energy management and renewable energy use in public infrastructure, including in public buildings and in the housing sector including:
- A domestic retrofit programme that complements and adds value to the Leeds City Region Better Homes Programme. Interventions are sought which develop innovative structural and innovative energy efficiency improvements to social housing.
- Deployment of innovative energy efficiency measures and renewable and smart energy management in public buildings, especially those exemplifying next phase technologies.
- Supporting activity that aims to deliver a holistic approach within a defined area to reduce greenhouse gas emissions across a range of thematic areas to create an integrated approach to reducing emissions.

To deliver a whole place solution application must focus on at least two thematic areas to deliver an integrated approach. It is expected that energy efficiency/renewable technologies or low carbon transport activity would form the lead thematic areas. Activity should be based on a holistic approach to the reduction of greenhouse gas emissions, ensuring that actions are integrated within the framework of an overarching strategy or strategies. Types of activity may include:

- Investments in local/regional smart grid demonstration projects, including validation and solving system integration issues.
- Investments to encourage the adoption of renewable technologies.
- Investments in electric vehicle charging infrastructure.
- Investments in actions aimed at improving the capacity at local level to develop and implement integrated and sustainable transport strategies and plans to reduce transport related air pollution, in particular retrofit or replacement programmes for bus fleets, incentive schemes for cleaner transport, improved public transport infrastructure and alternative forms of transport.
- Investments in actions aimed at introducing innovative environmentally-friendly and low-carbon technologies (for example, alternative fuel stations or charging points).
- Investments in actions aimed at developing innovative and multi-modal transport services.

This call responds to the needs as defined in the National ERDF Operational Programme under Priority Axis 4, Investment Priorities 4a, 4b, 4c, 4e and 4f and identified locally in the:

- [Leeds City Region ESIF Strategy](#) section 3.5 – A Resource Smart City Region, Programme Activity 3.2: Local Low Carbon and Waste Energy Programme.
- [York, North Yorkshire and East Riding ESIF Strategy](#) – Priority 2: A global leader in food manufacturing agri-tech and Biorenewables, Objective 3: Low carbon businesses.

3.3. Operational programme investment priorities

Applications must specify the activities to be delivered and must directly contribute to **one or more** of the following investment priorities:

Investment priority	4a – Promoting the production and distribution of energy derived from renewable sources.

Specific objectives	Increase the number of small scale renewable energy schemes in England.
Indicative actions	<p>Projects will support micro-energy installations, off-grid energy productions, renewable heat networks and ground and air source heat pumps:</p> <p>Under this investment priority, indicative actions to be supported by European Regional Development Fund may include:</p> <ul style="list-style-type: none"> • Measures to support increased production of renewable fuels and energy, in particular wind energy, solar and biomass; • Support to build capability and capacity for supply chains in renewable energy; • Demonstration and deployment of renewable energy technologies; • Measures to support the wider deployment of renewable heat, including micro-generation, geothermal, renewable heat networks or district heating, ground source and air source heat pumps. Also including biomass systems with associated heat off-take and heat distribution networks along with recycling processing reprocessing and remanufacturing facilities; and • Anaerobic digestion plants and other biomass or landfill gas schemes.

Investment priority	4b – Promoting energy efficiency and renewable energy in enterprises.
Specific objectives	Increase energy efficiency in particular in small and medium sized enterprises, including through the implementation of low carbon technologies.

Indicative actions

The main target group is small and medium sized enterprises.

Under this investment priority indicative actions to be supported by European Regional Development Fund may include:

- Enhanced advice, support, information and action to promote innovation in businesses and how they operate, in order to deliver best practice in energy management. This will include innovation in energy efficiency and energy cost reduction to improve businesses' competitiveness and resilience;
- Support to businesses to undertake 'green' diagnostics or audits of energy efficiency and potential for renewable generation and energy use, which will be followed by provision of energy efficiency information and guidance, tailored energy action plans and support to implement them;
- Investing in energy efficiency measures, processes and renewable generation capacity to improve a business' or building's environmental performance or its resilience to the impacts of climate change;
- Investing in measures to stimulate cost-effective deep renovations of buildings, including staged deep renovations;
- Supporting an increase in energy efficiency in enterprises including an emphasis on 'whole place' especially through improving industrial processes, designing out waste, recovery of 'waste' heat energy and combined heat and power;
- Supporting increased small and medium sized enterprises access to national and local government procured contracts for energy efficient goods and services;
- Developing low carbon innovation in relation to energy efficiency within enterprises, including through technologies and engagement practices; and
- Building retrofit and energy efficiency measures, especially whole building solutions to exemplify, and support the commercialisation of next phase technologies which are near to market, and low carbon

	construction techniques to improve the energy efficiency of buildings.
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Investment priority	4c – Supporting energy efficiency, smart energy management and renewable energy use in public infrastructure, including in public buildings, and in the housing sector.
Specific objectives	Increase the energy efficiency of homes and public buildings, through the implementation of low carbon technologies.
Indicative actions	<p>Under this investment priority indicative actions to be supported by European Regional Development Fund may include:</p> <ul style="list-style-type: none"> • Provision of advice and support to increase the use and take up of low carbon technologies, energy efficiency measures, renewable energy technologies and smart energy systems in housing stock and public buildings; • Supporting low carbon innovation in relation to the integrated ‘whole place’ energy management approach including energy waste and re-use; • Investing in building retrofit, energy efficiency measures, renewable and smart energy systems deployment, especially whole building or place solutions exemplifying next phase technologies which are near to market; • Investing in domestic energy efficiency, renewable energy and smart construction techniques; and • Investment in the development and wider use of Energy Performance Contracting in the public buildings and housing sectors.

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Investment priority	4e – Promoting low-carbon strategies for all types of territories, in particular for urban areas, including the promotion of sustainable multimodal urban mobility and mitigation-relevant adaptation measures.
Specific objectives	Increase implementation of whole place low carbon solutions and decentralised energy measures.
Indicative actions	<p>Activity under this investment priority will be complementary to, and work alongside, activity under investment priority 4(a). Activity under this investment priority is based on a holistic approach to the reduction of greenhouse gas emissions, ensuring that actions are integrated within the framework of an overarching strategy or strategies.</p> <p>In order to promote such strategies, examples of actions to be supported by European Regional Development Fund may include:</p> <ul style="list-style-type: none"> • Investments in local/regional smart grid demonstration projects, including validation and solving system integration issues; • Sustainable energy action plans for urban areas, including public lighting systems, smart metering and distribution through smart grids; • Investments in combined heat and power from renewable sources; and • Investments to encourage the adoption of renewable technologies. <p>A strategic approach is particularly important in the area of low carbon transport, whether for sustainable urban mobility, or improving links between urban and rural areas, or connecting dispersed rural communities. Examples of actions include:</p> <ul style="list-style-type: none"> • Investments in actions aimed at improving the capacity at local level to develop and implement integrated and sustainable transport strategies and plans (including for example actions related to modelling data collection, integrated transport management, operations and services, public consultation etc) to reduce transport related air pollution, in particular retrofit or replacement programmes for bus fleets, incentive schemes for

	<p>cleaner transport, improved public transport infrastructure and alternative forms of transport;</p> <ul style="list-style-type: none"> • Investments in actions aimed at introducing innovative environmentally-friendly and low-carbon technologies (for example, alternative fuel stations or charging points); • Investments in actions aimed at developing innovative and multi-modal transport services (for example, intelligent transport systems for travel information and planning, traffic and demand management, smart ticketing, multimodal integrated datasets or cooperative systems); • Innovative transport pricing and user charging systems; • Cycle paths, walkways and waterways only where part of an integrated approach to greenhouse gas reductions.
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Investment priority	4f – Promoting research and innovation in, and adoption of, low-carbon technologies.
Specific objectives	Increase innovation in, and adoption of, low carbon technologies.
Indicative actions	<p>Under this investment priority indicative actions to be supported by European Regional Development Fund may include:</p> <ul style="list-style-type: none"> • Research and development, innovation and supply chain work for low carbon technologies and materials, including; wave and wind energy, smart grids, distributed generation, solar and photovoltaics, heat networks, heat pumps and low carbon heat for energy intensive industries; • Research underpinning carbon capture and storage, taking account of the restrictions laid down in Article 3.3.b of the European Regional Development Fund; • Technology centres of excellence and test facilities, including relevant catapult centres; • Renewable technologies in the United Kingdom renewable energy roadmap; • Research, development, demonstration and adoption of technologies and systems that support low-energy

	<p>transport and accelerate the establishment of new technologies such as low emissions vehicles (electric, hybrid and hydrogen);</p> <ul style="list-style-type: none"> • Knowledge transfer with higher education / further education institutions and businesses; • Supporting low carbon tech start-ups and greater commercialisation of low carbon products and processes; • Developing financing methods that encourage the adoption of proven low carbon technologies and generate long-term financial savings; • Demonstration and deployment of decentralised renewable energy technologies; and • Research, development and innovation and supply chain development for low carbon and resource efficient technologies and materials (including small scale pilot programmes that test the market with new low carbon solutions and the use of secondary materials).
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4. Required Outputs under this Call

Applicants will need to demonstrate how the eligible activity, funded by the European Regional Development Fund will achieve the programme-level outputs for priority axis 4.

For projects proposing to deliver activity against more than one investment priority, the appropriate outputs should be selected. Project will be required to report on, and evidence, the achievement of the outputs separately under each investment priority.

For projects coming forward under this call the expected outputs and results are:

Investment Priority 4a	
Output reference	Name
C1	Number of enterprises receiving support
C5	Number of new enterprises supported
C30	Additional capacity for renewable energy production

C34	Estimated annual decrease of greenhouse gases
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Investment Priority 4b	
Output reference	Name
C1	Number of enterprises receiving support
C34	Estimated annual decrease of greenhouse gases

Investment Priority 4c	
Output reference	Name
C31	Number of households with improved energy consumption
C32	Decrease of annual primary energy consumption of public buildings
C34	Estimated annual decrease of greenhouse gases

Investment Priority 4e	
Output reference	Name
C1	Number of enterprises receiving support
C34	Estimated annual decrease of greenhouse gases

Investment Priority 4f	
Output reference	Name
C1	Number of enterprises receiving support
C5	Number of new enterprises supported
C26	Number of enterprises cooperating with research entities
C29	Number of enterprises supported to introduce new to the firm products
C34	Estimated annual decrease of greenhouse gases

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The managing authority expects the level of outputs proposed within outline applications to be realistic and achievable and to deliver good value for money. The application should clearly state the methodology used to determine the levels of outputs proposed.

Projects will only be supported if they demonstrate good value for money. An important consideration when assessing value for money is the level of European Regional Development Fund outputs that the project would deliver.

The managing authority has not set specific output targets for this call and does not publish average or expected unit costs.

The local European Structural and Investment Fund strategy for each local enterprise partnership area includes details of the local, notional European Regional Development Fund allocation to each priority axis and the type and number of European Regional Development Fund outputs that are expected in return for this investment.

All operations will be required to report regularly on progress toward achievement of targets. This will need to include both quantitative and qualitative data relevant to the appropriate geographical areas. Applicants will need to explain how they will collect and record this information to maintain a fully evidenced audit trail. It should be noted that if an operation fails to deliver contracted outputs, a performance penalty may apply.

5. Application Process and Prioritisation Methodology

There are two stages to the European Regional Development Fund application process:

- (i) Outline application and, if successful
- (ii) Full application.

Acceptance of an outline application to progress to full application stage does not in any way indicate or constitute an offer of European Regional Development Fund grant.

Applicants must fully complete the [outline application](#) which will be assessed by the managing authority against all of the national [selection criteria](#) except where an intermediate body has been designated to assess against some of the selection criteria. Where an intermediate body has been designated to undertake delegated tasks, the intermediate body will undertake the assessment against the selection criteria in relation to fit with local priorities.

Outline applications will be assessed in two stages, Gateway assessment and Core assessment.

The Gateway assessment is undertaken by the managing authorities and considers:

- Applicant eligibility;
- Activity and expenditure eligibility; and
- Fit with the National operational programme and the local development need set out in section 2.

Applications that fail the Gateway assessment undertaken by the managing authority will be rejected. Applications which pass the Gateway assessment will then be assessed by the managing authority in relation to all Core assessment criteria.

In areas where an intermediate body^[1] has been designated, the intermediate body will assess the application against the Local strategic fit assessment criteria.

The intermediate body will also provide advice to the managing authority to assist the managing authority to make its assessment against the following Core selection criteria:

- Value for money; and
- Deliverability.

Having assessed projects against these criteria the relevant local enterprise partnership area European Structural and Investment Funds sub-committee will advise the managing authority or intermediate body as relevant on the contribution to local economic growth conditions and opportunities within the context of the operational programme and local European Structural and Investment Funds strategy to aid the managing authority's assessments (at outline and full application stage).

Having concluded their assessments the managing authority and the intermediate body will prioritise the applications they wish to proceed based on their assessment against their respective selection criteria. Only projects that the managing authority and the intermediate body each agree should proceed, based on their respective core selection criteria, will be invited to submit a full application. Subsequently only those full applications that the managing authority and the intermediate body each agree should proceed, based on their respective selection criteria, will be approved.

Please note that the managing authority's decision is final and there are no appeals. If you wish to complain about the calls and application process, please follow the procedure set out at <https://www.gov.uk/government/organisations/department-for-communities-and-local-government/about/complaints-procedure>.

Potential applicants / applicants may wish to take advantage of information and support services funded through European Regional Development Fund Technical

Assistance and available to assist the design and development of compliant projects / applications for the European Regional Development Fund. Details of your local Technical Assistance funded project can be found on the [Technical Assistance website page](#).

6. General Information

6.1. National Eligibility Rules

When developing an application, applicants must refer to the [National Eligibility Rules](#) setting out the requirements of the 2014 to 2020 European Regional Development Fund Programme. It is the responsibility of the applicant to ensure that the National Eligibility Rules are adhered to both at application stage and following approval. Failure to do so can lead to financial penalties leading to recovery of up to 100% of the grant value. If in doubt on any of the requirements, applicants are strongly advised to seek specialist advice.

European Regional Development Fund eligibility rules apply to **all** project spend within the eligible costs, including match funding.

The European Regional Development Fund is governed by European regulations and national rules. Applicants are advised to familiarise themselves with the relevant documentation, (section 8 Key Document refers) prior to submitting an outline application. If successful at the full application stage, applicants will enter into [a Funding agreement](#) and must abide by the standard terms and conditions contained therein. Once a Funding agreement has been issued it should be signed and returned within 30 days, unless otherwise agreed with the managing authority. Applicants are therefore strongly advised to read these terms and conditions to ensure that they are able to enter into such an agreement prior to responding to the call.

6.2. Eligible Applicants

Section 4 of the [National Eligibility Rules](#) sets out who is eligible to apply. Financial Due Diligence checks will be undertaken on non-public sector applicants that are successful at the outline application stage. Checks will be carried out following notification of a successful outline application and may exclude applicants from further consideration. These checks will include assessment of the applicant's financial standing including ability to deal with cost overruns, the ability to cash flow a project in arrears and absorb a financial irregularity.

Applicants must be legally constituted at the point of signing a funding agreement. If the application is approved the applicant organisation will enter into a legally binding

funding agreement and therefore will carry the liability for ensuring that the terms and conditions of the Funding agreement are met.

If there is more than one organisation applying for the funds, a lead organisation must be selected to become the applicant (and grant recipient) with the remaining organisation(s) acting as delivery partner(s). In this situation the applicant would be responsible and liable for the delivery partner(s) and ensuring the project is operating compliantly.

During the application process the managing authority will consider the applicant's track record, both positive and negative. If the applicant has been involved in the delivery of previous European grants and any irregularities have been identified, the managing authority will expect to see what steps have been taken to ensure that the risk of further irregularities in the future is mitigated. It is acknowledged that some organisations will be new to European Structural and Investment Funds funding and will not have a track record.

6.3. Contribution rate and match funding

European Regional Development Fund investment must not be used to replace existing funding sources. European Regional Development Fund investment must enable activity to take place that would not otherwise happen or to increase the scope, scale or intensity of activity. The level of European Regional Development Fund awarded will be the minimum in order for the project to proceed

The maximum contribution rate is 50% of the total eligible project costs subject to State Aid regulations.

The remaining 50% or more must come from other eligible sources as specified under section 6 of the National Eligibility Rules. During the application process applicants will need to satisfy the managing authority that they have, or are able to put in place eligible match funding for the balance of costs. Other EU funds cannot be used as a source of match funding.

European Regional Development Fund investment is limited by State Aid regulations and where the award of European Regional Development Fund would constitute State Aid the European Regional Development Fund grant rate may fall below the 50% maximum.

European Regional Development Fund is paid quarterly in arrears and expenditure must be defrayed prior to the submission of any grant claims. Applicants may be asked to demonstrate how they are able to cash flow the operation.

6.4. Project timescales

Projects approved through this call will normally be expected to:

- Submit a detailed and complete full application within three months of formal selection at outline stage. Projects which fail to meet this deadline may be deselected;
- Commence delivery within the agreed timescale as stated in the Grant Funding Agreement; and
- Have completed the delivery of project activity by the end of June 2023.

6.5. Project extensions

Existing grant recipients whose projects:

1. Do not involve the direct development of premises or infrastructure;
2. Address the priorities set out in section 2

May apply for a second phase of delivery – this will be expected to be in the same form as the current project (i.e. a genuine continuation of activity) but may reflect improvement/some change to reflect experience of the first phase of the project. The application must be made using the standard outline application form. Where changes to the first phase of the project are significant, these should be presented as a new application. The relevant Growth Delivery Team will apply judgment in considering the significance of any change.

Applications in respect of the development of premises or other infrastructure should be presented as new projects, this includes applications that have a link to an existing European Regional Development Fund project e.g. further phases of the development of sites or premises.

Please note - extensions to existing projects will be assessed against the criteria set out in this call in the same way as 'new' projects. There is no guarantee that extensions will be selected. Extension requests that do not meet the requirements set out in this call will be rejected. The applicant's track record and the performance of existing contracts will be taken into account during the assessment process.

6.6. Capital projects

In developing the budget for the outline application, applicants seeking European Regional Development Fund to support a capital project should note that:

- New build projects will normally be expected to achieve the Building Research Establishment Environmental Assessment Method (BREEAM) rating of 'excellent'; however BREEAM 'very good' will be accepted where this is the maximum feasible standard;
- Refurbishment projects will normally be expected to achieve the BREEAM rating of 'Very Good'.; and
- Infrastructure projects will normally be expected to achieve the Civil Engineering Environmental Quality Assessment rating of 'Very Good'.

6.7. Cross Cutting Themes / Horizontal Principles

All applications selected as a result of this call will be required to demonstrate how the Cross Cutting Themes have been addressed in the project design and development. Cross Cutting Themes for European Regional Development Fund are 'equality and anti-discrimination' and 'sustainable development'. Further information is available in section 11 of the [European Regional Development Fund Operational Programme](#).

Projects seeking funding under priority axis 4 with the objective of reducing greenhouse gas must have a transparent methodology for calculating and monitoring emissions, with actual and auditable greenhouse gases reductions in line with the Climate Change Act 2008.

6.8. Additionality, duplication and displacement

Additionality is a core principle of European Regional Development Funding. Applicants must be able to demonstrate that the activity paid for out of European Regional Development Funding adds value to new or existing activity.

European Regional Development Funding cannot support activities that duplicate existing provision / services within the region.

Applications need to identify and evidence how the beneficiaries will use the service and demonstrate that the project does not displace other activity available in the market place.

6.9. State Aid and revenue generation

Applicants are required, in the outline application, to provide a view on how their proposal complies with State Aid law. Applicants must ensure that projects comply with the law on State Aid. Grant funding to any economic undertaking which is State Aid can only be awarded if it is compatible aid, in that it complies with the terms of a notified scheme under the General Block Exemption Regulation (EU) 651/2014.

Only if this is not possible should Applicants use the De minimis Regulation or 'no aid'. [Guidance for grant recipients](#), explaining more about State Aid, is available; it is important that Applicants take responsibility for understanding the importance of the State Aid rules and securing their full compliance with them throughout the project, if it is selected into the Programme.

The managing authority is not able to give legal advice on State Aid. It is the responsibility of the applicant to ensure that the operation is State Aid compliant.

6.10. Procurement

All costs claimed by the applicant (grant recipient and / or delivery partner(s)) must be recovered on an actual cost basis. Other costs must be procured in line with

National (including [Public Procurement Regulation 2015](#)) and EU regulations. Procurement will be subject to audit and verification and any irregularity will result in a financial penalty of up to 100% of the grant paid. Robust and transparent procurement is required to ensure that grant recipients:

- Consider value for money;
- Maximise efficient use of public money; and
- Maintain competitiveness and fairness across the EU.

It is **strongly recommended** that applicants seek and follow legal advice in respect of procurement requirements. Procurement irregularities remain the most substantive cause of error and clawback of grants.

7. Support

Please note that this is a competitive call and to preserve impartiality the managing authority and, where appropriate, the intermediate body are unable to enter into correspondence with applicants over their outline application. Details of where guidance can be found are contained throughout this call document. In exceptional circumstances, if there are issues with accessing this guidance, please contact: YH.ERDFENQUIRIES@communities.gov.uk.

Whilst the decision of the managing authority is final, if you think consideration of your application has not followed the published ERDF process, please refer to the MHCLG complaints procedure available on [GOV.UK](#).

8. Key Documents

- European Regional Development Fund operational programme;
- Outline application form;
- Outline application form guidance;
- Local enterprise partnership area's European Structural and Investment Funds strategy;
- Eligibility guidance;
- Target definitions;
- Funding agreement (revenue and / or capital);
- Summative assessments guidance; and

- 2017 [Industrial Strategy](#) (or any later publication that amends or supersedes that).

9. Document Checklist

Incomplete applications will be rejected. Please ensure the following information (documents) are submitted.

Outline Stage:

- Fully completed outline application;
- Financial tables; and
- Outputs, results and indicators tables.

10. Document Submission

Completed outline applications must be submitted via email to the address in Section 7. Applicants are asked to quote the call reference and project name in the subject line of your email as this will greatly assist the managing authority.

Outline application forms not received by the deadline will not be assessed. Outline applications which are not fully completed will be excluded.

The managing authority will normally acknowledge receipt of your application by email. For this call applications will normally be required to **commence delivery/activity within three months** of the award of a Funding agreement.

Any changes related to the deadline for the submission of the outline application form will be notified on the [European Growth Funding](#) website pages.