

[News story: Technologies of the future: apply for business funding](#)

Innovate UK has up to £15 million to support business projects that stimulate new products and services through emerging and enabling technologies. These technologies could be the basis for billion-pound industries of the future.

Emerging technologies

Emerging technologies are newly developed sciences, where the best application and value is yet to be realised. Examples include quantum technologies, graphene and 2D materials, biofilms, energy harvesting and synthetic biology.

Enabling technologies

Enabling technologies can have wide applicability. Many industries could benefit from advances in areas such as machine learning, compound semiconductors, and earth observation. Examples of enabling technologies include digital, space and satellite, electronics, sensors and photonics, and robotics.

Projects

We expect to fund projects in 4 priority areas:

- emerging technologies
- digital
- enabling capabilities
- space applications

Proposals must demonstrate significant innovation; be applicable to more than one industry, sector or market; and improve growth, productivity or create export opportunities for at least 1 SME.

Competition information

- the competition is open, and the deadline for registration is midday on 3 May 2017
- we expect projects to last between 6 months and 3 years and to range in size from £35,000 to £2 million
- projects must involve at least 1 SME and be led by a business or a research and technology organisation
- businesses could attract up to 70% of their project costs
- a briefing event for potential applicants will be held on 8 March 2017

News story: Defence Secretary underlines UK commitment to European security

Speaking at a meeting of European Union Defence Ministers in Brussels, Sir Michael Fallon called on the EU to step up cooperation with NATO in order for the two organisations to more effectively tackle shared security challenges, including hybrid warfare and cyber.

Sir Michael also called for an improvement in Europe's performance in building national capabilities that can be made available to the EU and NATO. This requires more defence spending and better investment in key equipment.

Britain's commitments in 2017 underline the leading role in European Security the UK will continue to play. This year, Britain is leading NATO's Very High Readiness Joint Task Force, a Brigade-size force which is ready and willing to respond to any threat. This spring, the UK will also deploy a battle group of around 800 personnel to lead in Estonia NATO's Enhanced Forward Presence.

The Defence Secretary also confirmed Britain's strong role in EU missions and operations. HMS Echo is currently helping to tackle people smugglers in the Mediterranean, as part of the EU's mission Operation Sophia. Royal Navy deployments to the operation have helped destroy over 120 smuggling boats, apprehending 20 suspected smugglers in the process, and have helped to rescue 10,000 people from the high seas.

Britain also has over 150 UK personnel committed to EU missions and operations, including in Bosnia, Mali and Somalia, demonstrating Britain's global reach.

Defence Secretary Sir Michael Fallon said:

We are leaving the EU but we will continue to cooperate with our European partners on defence and security. This includes playing our part in the mission in the Mediterranean, rescuing migrants and tackling people smuggling.

Today I have urged the EU to cooperate more closely with NATO, to avoid unnecessary duplication and to work together on new threats, including cyber.

Sir Michael called on the EU and NATO to redouble their efforts on cooperation, noting that while good progress has been made, more work needed to be done, particularly on cyber, hybrid, maritime and coordinated

exercises.

Today's meeting also brought forward improvements to the EU's Common Security and Defence Policy (CSDP) missions and operations, through the Military Planning and Conduct Capability (MPCC), to help improve planning and conduct of the training missions (known as non-executive missions) and to enhance civilian and military working. Important improvements to the agreement, suggested by the UK, were agreed today, including limiting the authority of the Director of the MPCC, and avoiding duplication with NATO structures.

Press release: Planned roadworks in Central Southern England: weekly summary for Monday 6 March to Sunday 12 March 2017

The following summary of planned new and ongoing road improvements over the coming week is correct as of 3 March but could be subject to change due to weather conditions or unforeseen circumstances. All our improvement work is carried out with the aim of causing as little disruption as possible.

M3 junctions 2 (M25) to 4a Farnborough, Hampshire: Smart motorway improvement

Work to reduce congestion and improve journey times continues this week with narrow lanes a 50mph speed limit in place on both carriageways between junctions 2 and 4a, with a free recovery service operating 24 hours a day.

For further details, [visit the scheme website](#).

M3 junction 8 Popham, Hampshire: bridge strengthening

Work to maintain journeys by undertaking bridge bearing and support replacement continues this week. Narrow lanes and a 50mph speed restriction are in place on the link from the M3 southbound to the A303 westbound 24 hours a day until May.

M3 junction 10 Winchester, Hampshire: safety barrier

Work to improve safety by carrying out repairs to the barrier along the M3

starts this week. Lane closures will be in place on the northbound carriageway overnight, between 10pm and 6am, from Monday 6 March for 5 nights.

M3 junction 12 Chandlers Ford, Hampshire: street lighting

Work to maintain road user safety by carrying out maintenance to the street lighting at the junction starts this week. The northbound exit and entry slip roads and the westbound lane over the bridge at the junction will be closed overnight, between 10pm and 5am, from Thursday 9 March for 8 nights. Clearly signed diversions will be in place via the adjacent junctions.

M3 junctions 12 Chandlers Ford to 11 Winchester, Hampshire: resurfacing

Work to improve journeys by resurfacing a section of the M3 northbound carriageway near Otterbourne finishes this week. The northbound carriageway from junction 12 to junction 11 will be closed overnight, between 9pm and 6am, until Wednesday 8 March. A clearly signed diversion will be in place via Otterbourne.

M4 junctions 5 Slough to 6 Windsor, Berkshire: street lighting

Work to maintain road user safety by carrying out maintenance to the street lighting along the M4 continues this week. Lane closures will be in place on the east and westbound carriageways overnight, between 9pm and 6am, until Wednesday 26 April (Monday to Friday only).

M4 junction 7 Maidenhead, Berkshire: signs and surveys

Work to keep road users informed by maintaining the signage along the M4 and by carrying out surveys in preparation for converting the M4 into a Smart Motorway continues this week. Lane closures will be in place on the eastbound exit and on the southbound Huntercombe Spur overnight, between 9pm and 6am, until Tuesday 14 March (Monday to Friday only).

M4 junction 8/9 Maidenhead to 10 Wokingham, Berkshire: surveys

Work to improve journeys by carrying out surveys in preparation for converting the M4 into a Smart Motorway continues this week. Lane 1 of the westbound carriageway will be closed overnight, between 9pm and 6am, until Friday 10 March.

M4 junction 10 Wokingham, Berkshire: bridge reconstruction

Work to refurbish the bridge which carries the link roads over the M4 continues this week. Narrow lanes and a 40mph speed limit are in place on the slip roads and a 50mph speed limit is in place on the M4 carriageway until November 2017.

M4 junctions 10 Wokingham to 11 Reading, Berkshire: safety barrier

Work to improve safety by carrying out repairs to the barrier along the M4 near Shinfield continues this week. Lane closures will be in place on the westbound carriageway overnight, between 10pm and 6am, until Friday 17 March (Monday to Friday only).

M4 junctions 11 to 12 Reading, Berkshire: resurfacing

Work to improve journeys by replacing a bridge joint and resurfacing a section of the M4 westbound carriageway between Moto services and junction 12 continues this week. The westbound carriageway will be fully closed overnight, between 10pm and 6am, until Friday 10 March. A clearly signed diversion will be in place via the A33 and A4.

M4 junctions 12 Theale to 13 Chieveley, West Berkshire: bridge refurbishment

Work to refurbish the bridges which carry the M4 over Dark Lane and Ashampstead Road continues this week. Narrow lanes and a 50mph speed limit will be in place on the east and westbound carriageways until August.

M27 junction 2 Ower, Hampshire: road markings

Work to maintain road user safety by renewing the road markings at the junction takes place this week. The westbound entry slip road at the junction will be closed overnight, between 9pm and 6am, on Monday 6 March. A clearly signed diversion will be in place via junction 3 and return.

M27 junction 4 Chilworth (Southampton), Hampshire: road markings

Work to maintain road user safety by renewing the road markings along the eastbound carriageway takes place this week. The M27 eastbound carriageway will be fully closed between the slips for the M3 overnight, between 9pm and 6am, on Saturday 11 March. A clearly signed diversion will be in place north up the M3 to junction 12, then south on the M3 to re-join the M27.

M27 junction 5 Eastleigh, Hampshire: road markings

Work to maintain road user safety by renewing the road markings at the junction takes place this week. The eastbound exit slip road at the junction 5 will be closed overnight, between 9pm and 6am, from Wednesday 8 March for 4 nights (Monday to Friday). A clearly signed diversion will be in place via junction 7 and return.

In addition, the southbound link from the M3 to the M27 eastbound carriageway will also be closed during the same period. A clearly signed diversion will be in place via Chilworth Roundabout, Bassett Green Road and Stoneham Way.

M27 junction 8 Bursledon, Hampshire: road markings

Work to maintain road user safety by renewing the road markings at the junction takes place this week. The eastbound entry slip road at the junction will be closed overnight, between 9pm and 6am, on Sunday 12 March. A clearly signed diversion will be in place via junction 7 and return.

M27 junctions 8 Bursledon to 7 Hedge End, Hampshire: resurfacing

Work to improve journeys by resurfacing the M27 finishes this week. The westbound carriageway from junction 8 to junction 7 will be closed overnight, between 10pm and 6am, until Friday 10 March. A clearly signed diversion will be in place via the A27.

M27 junctions 8 Bursledon to 9 Whiteley, Hampshire: resurfacing

Work to improve journeys by resurfacing the M27 continues this week. Lanes 1 and 2 of the eastbound carriageway and the eastbound exit slip road at junction 9 will be closed overnight, between 10pm and 6am, from Monday 6 March for 2 weeks (Monday to Friday only). A clearly signed diversion will be in place via junction 11 and return.

M271 Southampton, Hampshire: road markings and signs

Work to maintain road user safety by renewing the road markings and maintaining the signage along the M271 takes place this week. The southbound links between the A3057 Romsey Road roundabout and the M27, between the M27 and Lordshill Roundabout and the southbound entry slip road at junction 1 will be closed overnight, between 10pm and 6am, on Saturday 11 and Sunday 12 March. A clearly signed diversion will be in place via the A3057 Romsey Road and Brownhill Way.

A3(M) junction 2 Waterlooville, Hampshire: drainage

Work to maintain road user safety by carrying out drainage maintenance along the A3(M) continues this week. Lane closures will be in place on the northbound carriageway and the exit and entry slip roads at junction 2 overnight, between 9pm and 6am, from Wednesday 8 March for 4 nights (Monday to Friday only).

A3(M) Cowplain to A3 Petersfield, Hampshire: road markings

Work to maintain road user safety by renewing the road markings along the A3 takes place this week. The northbound carriageway from A3(M) junction 2 to Petersfield will be closed overnight, between 9pm and 6am, from Thursday 9 March for 2 nights.

During the closures clearly signed diversions will be in place suitable for motorway permitted vehicles (via the A3M, M27, A32 and A272) and non-motorway vehicles (A3, A32 and A272).

A3 Hogs Back (A31), Surrey to Longmoor, Hampshire: road markings

Work to maintain road user safety by renewing the road markings along the A3 takes place this week. The A3 southbound carriageway from the A31 Hogs Back to the Longmoor junction will be closed overnight, between 9pm and 6am, from Monday 6 March for 3 nights. A clearly signed diversion will be in place via the A31 and A325.

A3 Ockham to Guildford, Surrey: drainage

Work to maintain road user safety by carrying out drainage maintenance along the A3 continues this week. Lane closures will be in place on both carriageways overnight, between 10pm and 6am, from Monday 6 March for 2 weeks (Monday to Friday only).

In addition, the southbound entry slip road at the Send Interchange will be closed overnight, between 10pm and 6am, from Friday 10 March for 5 nights (Monday to Friday only). A clearly signed diversion will be in place via Guildford.

A27 Portsmouth, Hampshire: resurfacing

Work to improve road user's journeys by repairing damaged carriageway takes place this week. Lane closures will be in place on the westbound approach to the A2030 Eastern Road junction overnight, between 9pm and 6am, on Monday 6 March.

A31 St Leonards, Dorset: drainage

Work to maintain road user safety by carrying out drainage maintenance along the A31 continues this week. Lane closures will be in place on the east and westbound carriageways between the Ashley Heath and Palmersford roundabouts overnight, between 10pm and 6am, until Friday 10 March.

A31 Ringwood to Picket Post, Hampshire: resurfacing

Work to improve journeys by resurfacing a section of the A31 eastbound carriageway from Poulner Hill to Picket Post starts this week. The A31 eastbound carriageway will be fully closed from the A338 Ringwood Interchange to Stoney Cross overnight, between 10pm and 6am, from Monday 6 March for 12 nights (Monday to Friday only). A clearly signed diversion will be in place via the A338, Salisbury and the A36.

A34 Three Maids Hill (Winchester), Hampshire: surveys

Work to improve journeys by carrying out surveys of the carriageway and drainage system takes place this week. The southbound exit and entry slip roads at the A272 junction will be closed overnight, between 9pm and 6am, on Tuesday 7 March.

In addition, the northbound entry slip road at the A272 junction will be closed overnight, between 9pm and 6am, on Thursday 9 March.

During all closures a clearly signed diversion will be in place via the adjacent junctions.

A34 Sutton Scotney, Hampshire: drainage

Work to maintain road user safety by carrying out drainage maintenance along the A34 continues this week. Lane closures will be in place on the northbound carriageway from the A272 (Three Maids Hill) to the A303 (Bullington Cross) overnight, between 10pm and 6am, until Friday 10 March.

A34 Bullington Cross to Highclere, Hampshire: resurfacing and road markings

Work to improve road user's journeys by resurfacing a section of the A34 northbound carriageway finishes this week. The A34 northbound carriageway will be closed from the A303 (Bullington Cross) to the A343 (Wash Common) overnight, between 10pm and 6am, until Thursday 9 March. A clearly signed diversion will be in place via the A303, Andover and A343.

In addition, work to improve journeys by renewing the road markings along the southbound carriageway starts this week. The southbound carriageway will be closed from the A343 (Highclere/Wash Common) to the A303 (Bullington)

overnight, between 10pm and 6am, from Wednesday 8 March for 4 nights (Monday to Friday). A clearly signed diversion will be in place via the A343, Andover and A303.

A34 Speen to Chieveley, West Berkshire: road markings

Work to improve journeys by renewing the road markings along the A34 near Newbury continues this week. The northbound carriageway will be closed from the A4 (Speen) to Chieveley overnight, between 10pm and 6am, on Tuesday 7 March. During the closures clearly signed diversions will be in place suitable for motorway permitted vehicles (via the M4 junction 14 and the A4) and non-motorway vehicles (via Hermitage and Newbury).

A34 Drayton to Didcot, Oxfordshire: resurfacing

Work to improve road user's journeys by resurfacing a section of the A34 southbound carriageway continues this week. The A34 southbound will be closed from the A415 Marcham Interchange to the A4185 Chilton Junction overnight, between 10pm to 6am, until Tuesday 14 March (Monday to Friday only). A clearly signed diversion will be in place from the A420 Botley Interchange, the west on the A420, south on the A338 to Wantage, then east back towards Chilton/Milton.

A34 Didcot to Oxford, Oxfordshire: road markings

Work to improve journeys by renewing the road markings along the A34 continues this week. The northbound carriageway will be closed from the A4185 Milton Interchange to the A420 Botley Interchange overnight, between 10pm and 6am, from Tuesday 7 March for 4 nights. A clearly signed diversion will be in place via the A417, A338 and A420.

A34 Oxford, Oxfordshire: street lighting

In addition, work to maintain road user safety by carrying out maintenance to the street lighting at the A44 Peartree Interchange continues this week. A lane closure will be in place on the roundabout overnight, between 9pm and 6am, until Wednesday 15 March (Monday to Friday only).

A34 Peartree to Kidlington (Oxford), Oxfordshire: resurfacing

Work to improve road user's journeys by resurfacing a section of the A34 northbound carriageway starts this week. The A34 northbound will be closed from the A44 Peartree Interchange to Kidlington overnight, between 10pm to 6am, from Thursday 9 March for 4 weeks (Monday to Friday only).

During the closures clearly signed diversions will be in place suitable for motorway permitted vehicles (via the A44, A40 M40) and non-motorway vehicles

(A44, A4095 and A41).

A303 Popham to Micheldever, Hampshire: drainage

Work to maintain road user safety by carrying out drainage maintenance along the A303 continues this week. Lane closures will be in place on the east and westbound carriageways overnight, between 9pm and 6am, until Friday 10 March.

In addition, the eastbound exit slip road at the Micheldever junction will be closed overnight, between 9pm and 6am, from Thursday 9 March for 2 nights. A clearly signed diversion will be in place via Stockbridge Road and the A33.

General enquiries

Members of the public should contact the Highways England customer contact centre on 0300 123 5000.

Media enquiries

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[Press release: Planned roadworks in the North West: summary for Monday 6 to Sunday 12 March 2017](#)

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M53 junctions 1 to 2 (Wallasey to Upton)

Work to upgrade the safety barrier in the central reservation between junctions 1 and 2 on the M53 started on Monday 6 February. Lane closures will be in place overnight, with some full carriageway closures later in the project. The scheme is expected to take around a month to complete.

M53 junctions 9 to 10 (East Port Centre to Queensferry)

Overnight work to renew the safety barrier in the central reservation started on Monday 20 February for 5 weeks. The work will take place between 10pm and 5am, Monday to Friday, and require overnight carriageway closures with clearly signed diversions in place.

M56 junctions 10 to 11 (Stretton to Preston Brook)

Work to upgrade the safety barrier and paint new road markings on the M56 near Warrington started on Monday 30 January. Lane closures will be in place overnight between 8pm and 5am, Monday to Friday. The project is due to be completed by the end of March.

M6 junctions 16 to 19 (Cheshire smart motorway)

Work is underway to upgrade the M6 to a smart motorway between Crewe and Knutsford, converting the hard shoulder to an extra lane and introducing new variable speed limits. Narrow lanes and a temporary 50mph speed limit are in place for the safety of drivers and workers. The southbound carriageway will be closed between junctions 17 and 16 on Monday 6 March and between junctions 19 and 18 on Wednesday 8 March. The northbound carriageway will be closed between junctions 18 and 19 on Tuesday 7 March and between junctions 16 and 17 on Thursday 9 March. Diversions will be in place.

M6 junction 21a/M62 junction 10 (Croft Interchange)

Construction work is taking place on a major project to tackle congestion and improve the flow of traffic between the M6 and M62 at Croft Interchange. A 50mph speed limit, backed by average speed cameras, will be in place along main carriageways of both the M6 and M62 and interchange link roads. Some overnight slip road closures will also take place.

M6 junction 33 to 34 Lancaster

Lancashire County Council's new link road between junction 34 of the M6 and Heysham has now opened but finishing work will require lane and hard shoulder closures along the M6 through junction 34 to continue for the time being.

M60 junction 8 to M62 junction 20 (Sale to Rochdale)

A major smart motorway scheme is taking place to cut congestion and improve journey times on parts of the M60 and the M62 in Greater Manchester. The scheme involves overnight slip road and carriageway closures, with narrow lanes and a temporary 50mph speed limit in place for the safety of drivers and road workers.

A556 Knutsford to Bowdon

Construction work to provide a £192 million dual carriageway linking junction 19 of the M6 at Knutsford and junction 7 of the M56 at Bowdon, has entered its final phase. It is due to open on Monday 6 March. On the existing A556, a full weekend closure will run from 9pm on Friday 3 March until 5am on Monday 6 March. This includes the M6 southbound exit and entry slip roads at junction 19, the exit slip roads at junction 7 of the M56 and junction 8 of the M56. Overnight closures will also be in place on the new A556 during the next week, with a full weekend closure from 9pm on Friday 10 March until 5am on Monday 13 March to complete concrete barrier work.

A585 West Drive to Fleetwood Cycleway

Work is taking place on a new shared footpath and cycleway between West Drive and Fleetwood. Narrow lanes and a temporary 30mph speed limit are being used along the route to help provide a safe space for workers constructing the new shared paths. Work will take place between 7am and 7pm each day with occasional overnight work. The project is due to be completed by the end of March.

A585 Amounderness Way, Thornton

Temporary traffic lights will be in place between West Drive and Bourne Way until Saturday 8 April for maintenance and inspection work.

A590 Lindal in Furness

Work is being carried out to tackle flooding between Pennington Lane and Bank End Cottages. 24hr temporary traffic lights are now in place until late March.

A590 Brettargh Holt to Newby Bridge

Lane closures will be in place 24 hours a day while junction improvement work is carried out by the A5074. The scheme is due to be completed by the end of March.

A66 Bassenthwaite Lake

A contraflow system is in place while work is carried out on the embankment in the central reservation next to Bass Lake. The scheme is due to be completed in the spring.

A66 Thornthwaite (Osprey Site)

Flood resilience work is continuing with overnight carriageway closures in place between 8pm and 6am until the end of March. Clearly-signed diversions are in place. During the day, temporary traffic lights are in use along with

a 40mph speed limit.

A66 Marron Bridge

Maintenance is underway on Marron Bridge, between Broughton Cross and Bridgefoot. Overnight closures are in place between 9pm and 5am, with a clearly-signed diversion. Due to the temporary bridging plates, a 30mph speed limit backed by speed cameras is required during the day. The project is due to be completed in March.

A66 Brough

Resurfacing and drainage work is taking place on the eastbound carriageway at Brough. Overnight slip road closures will be in place between 8pm and 6am, along with lane closures 24 hours a day.

General enquiries

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Media enquiries

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[Press release: Planned roadworks in Bristol, Gloucestershire, Somerset, BANES, Wiltshire, West Dorset and Devon: weekly summary for Monday 6 March to Sunday 12 March 2017](#)

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Bristol

M32 junction 2 to junction 3: MetroBus scheme (Bristol County

Council work)

Narrow lanes with 40mph speed restrictions will be in operation northbound and southbound until April.

M5 junction 18/18A: structure survey

Southbound carriageway will be closed between the exit slip road and entry slip road from 8pm on 6 March until 6am on 7 March. Diversion will be clearly signposted.

M5 junction 18: structure survey

Northbound entry slip road will be closed from 8pm on 7 March until 6am on 8 March. Diversion will be clearly signposted.

M5 junction 18/18A: structure survey

Northbound carriageway will be closed overnight between the exit slip road and the entry slip road from 8pm on 8 March until 6am on 9 March. Diversion will be clearly signposted.

Gloucestershire

M5 junction 10 to junction 11A: structures

Narrow lanes with a contraflow and 50mph speed restrictions will be in operation northbound and southbound until July 2017.

M5 Gloucester Gateway service area: resurfacing

Southbound exit slip road into service area will be closed nightly, 8pm to 6am, from 7 March until 9 March.

M5 junction 11A: resurfacing

Northbound exit slip road will be closed nightly, 8pm to 6am, from 7 March until 9 March. Diversion will be clearly signposted.

M5 junction 9 to junction 11: traffic management changes

Southbound carriageway will be closed overnight from 8pm on 10 March until 6am on 11 March. Diversion will be clearly signposted.

A40 Elmbridge Court Roundabout: construction work

Narrow lanes with 40mph speed restrictions will be in place until September 2017.

Wiltshire

M4 junction 16: roundabout reconstruction

Narrow lanes with 40mph speed restrictions will be in place on eastbound exit slip road and westbound exit slip road until October 2017.

A303 Solstice Park junction to Countess Roundabout: white lining

Eastbound and westbound carriageway will be closed nightly, 8pm to 6am, from 6 March until 8 March. Diversion will be clearly signposted.

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