# Guidance: European Structural and Investment Funds: Coronavirus (COVID-19) Response

A series of documents and updates regarding the 2014 to 2020 European Structural and Investment Funds Programme and the response to COVID-19.

# New flood warning service for Aberfoyle community

The Scottish Environment Protection Agency (SEPA) has today (10 November 2020) launched an innovative new flood warning service — which will warn the residents and road users of a flood-prone street in Aberfoyle when flooding impacts are likely.

#### Residents and road users encouraged to sign up to receive flood warnings

- The Scottish Environment Protection Agency (SEPA) has launched a new local service, providing early warning of flooding at a known trouble spot in Aberfoyle
- Lochard Road (B829) regularly floods cutting off access to Trossachs National Park and communities west of Aberfoyle; during the most severe events, properties in Aberfoyle can also be directly impacted
- The new service will see warning messages sent when Lochard Road is expected to flood and, if conditions worsen, to warn of potential impacts on nearby properties in Aberfoyle
- The residents of an estimated 640 properties could be impacted by flooding at Lochard Road, including residents in the immediate vicinity and road users
- Register for free and choose to receive notifications via phone call or text.

The Scottish Environment Protection Agency (SEPA) has today (10 November 2020) launched an innovative new flood warning service — which will warn the residents and road users of a flood-prone street in Aberfoyle when flooding impacts are likely.

A warning message will be issued when flooding is forecast to impact on Lochard Road, and then again to warn users if impacts on Aberfoyle Main Street and surrounding properties are likely. This new service, which is funded by the Scottish Government, is locally focused and designed specifically for the Aberfoyle area, complementing the existing wider geographical flood alert which already provides early notification of flooding in the Stirlingshire area.

The scheme builds on SEPA's commitment to support Scottish communities to prepare more powerfully for future increased flooding.

Lochard Road is a known problem spot, having endured flooding several times a year, including five severe flooding incidents affecting the main street and properties since 2015. Flooding from the Duchray Water and road surface water can make Lochard Road impassable to vehicles and block access to and from the local primary school. In some circumstances, properties can be flooded, the main route from Aberfoyle to Kinlochard can be obstructed, and Main Street can suffer impacts. The new service will provide advance warning when flooding is forecasted and, in flash flood situations, offer a small window during which to take action.

The innovative technology deployed by SEPA to provide this new service includes a network of rain gauges and water level monitoring stations transmitting real time data to SEPA's central servers using satellite communication. The real time observed data are combined with forecast rainfall from the Met Office into a state-of-the-art forecasting system which can predict flooding a few hours in advance.

Residents and road users can register to this free service and can choose to receive a notification via phone call or text when flooding is forecast. The message will contain a link which people can follow to determine if the warning is for Lochard Road or extends to properties.

Gail Donald, Flood Adviser at SEPA, said: "We would encourage all of those in the affected area of Aberfoyle, and who travel to the area regularly, to sign up for our warnings for their safety and convenience.

"These warnings are there to help people prepare for flooding incidents and this new service will allow people to consider their travel plans and take appropriate action.

"Extreme weather and rising river levels will only become more common as a result of climate change, so it's vital that communities like Aberfoyle are supported to prepare more effectively for the impacts of flooding."

The scheme has been developed in partnership with Stirling Council, and has had the support of a number of partner organisations.

Environment Secretary Roseanna Cunningham said: "We know the devastating impact that flooding can have on communities and livelihoods — and we know climate change can make this worse. Being prepared for any flood event is critical if we are to manage the risks and promote long term flood resilience.

"That is why I'm pleased to see the launch of SEPA's flood warning scheme in

Aberfoyle. Early alerts of any forecasted flooding will help people living in the area better prepare for and recover from a flood event. In 2020-21, the Scottish Government has made more than £1.6 million available to SEPA to deliver and improve its flood warning schemes.

"Flooding remains of the highest priority to the Scottish Government. This year's Programme for Government committed to invest an extra £150 million for flood risk management in addition to the £42 million provided each year to local authorities through the Local Government Capital Grant. We are also providing £193,000 in 2020-21 to the Scottish Flood Forum who work directly with communities and individuals at risk of flooding."

Cllr Jim Thomson, Environment and Housing Convener at Stirling Council, added: "The delivery of this service is the product of a long-term close working partnership and has been made possible through a combination of advancing technology and information gathered over a long period by the Council and community, and will bring much needed warning and preparation time for the communities."

The Scottish Fire and Rescue service has allowed SEPA to install backup communications equipment in Aberfoyle Fire Station to help ensure the real time monitoring system is resilient, which is vital for the service.

SEPA has also worked with Trust for Conservation Volunteers to engage Aberfoyle Primary School children on a science project monitoring rainfall. While the school is currently closed for renovation, in future the flood warnings will enable the school and Local Authority to receive warnings and take any appropriate steps.

SEPA is Scotland's national flood forecasting, flood warning authority and strategic flood risk management authority. It works in partnership with the Met Office to forecast for flooding and operate Floodline in Scotland to warn the public and emergency responders when flooding is likely.

The latest Flood Warning Service will extend SEPA's current Floodline service which annually issues on average 300 regional Flood Alerts and 400 local Flood Warnings to more than 31,500 customers nationwide.

In addition to issuing regional Flood Alerts and local Flood Warnings, SEPA's Floodline provides live flooding information and advice on how to prepare for or cope with the impacts of flooding 24 hours a day, 7 days a week. Members of the public can sign up to Floodline to receive free Flood Warning messages direct to their phone, and can register more than one address: property, work or regular travel routes.

People can find out more and sign up at floodlinescotland.org.uk/aberfoyle

#### **ENDS**

#### Notes to editor

SEPA responsibilities

SEPA is Scotland's national flood forecasting, flood warning authority and strategic flood risk management authority.

- We work in partnership with the Met Office to forecast for flooding and operate Floodline in Scotland to warn the public and emergency responders when flooding is likely;
- We produce Scotland's Flood Risk Management Strategies;
- We work closely with other organisations responsible for managing flood risk to ensure that a nationally consistent approach to flood risk management is adopted;
- We provide flood risk advice to land use planning in Scotland when requested;
- We raise awareness of flooding at a national level through education initiatives, community engagement and campaigns.

We operate a 24-hour, 365 days a year flood warning service to inform first responders, local authorities and emergency services of emerging flood events and the potential impact on local communities and critical infrastructure.

- All SEPA's Alerts and Warnings are available on our website at floodline.sepa.org.uk/floodupdates/
- Floodline is always the most up-to-date information with any new flood updates available as soon as they are issued.
- You can also sign up to receive these messages to your phone, for free. You can register online at floodline.sepa.org.uk/floodingsignup/

Local Authority responsibilities

Local authorities are responsible for producing Scotland's first Local Flood Risk Management Plans and work in partnership with SEPA, Scottish Water and other responsible authorities to develop these.

It is the responsibility of the local authority to implement and maintain flood protection actions. Local authorities also inspect, clear and repair watercourses to reduce flood risk and routinely maintain road gullies on public roads and highways.

During severe flooding, local authorities will work with the emergency services and co-ordinate shelter for people evacuated from their homes.

#### **MEDIA ENQUIRIES:**

Newsdesk : I 07557 497 947 (24 Hrs)

<u>media.sepa.org.uk</u> I <u>media@sepa.org.uk</u> I @ScottishEPA

# New warning schemes support Scotland's preparedness for flooding

The Scottish Environment Protection Agency (SEPA) has today (10 November 2020) launched two new flood warning schemes for rural Scottish communities threatened by coastal and river flooding.

Scottish Environment Protection Agency (SEPA) launches new services for residents in two flood prone areas

- As Scotland's national flood forecasting and flood warning authority,
   SEPA is launching two new flood warning schemes
- Schemes will warn of forecast coastal flooding in Eilean Siar and river flooding in Aberfoyle, building on SEPA's network of regional flood alert and local flood warning areas across Scotland
- They're rolled out as Scotland marks one year until COP26 and aim to help at risk communities prepare more powerfully for future increased flooding
- Residents and road users are encouraged to sign up to SEPA's Floodline to receive free Flood Alerts and Warnings to their phones in these areas and across Scotland

The Scottish Environment Protection Agency (SEPA) has today (10 November 2020) launched two new flood warning schemes for rural Scottish communities threatened by coastal and river flooding.

The schemes, covering Eilean Siar and the village of Aberfoyle near Stirling, expand SEPA's network of more than 60 targeted local warning schemes and build on its commitment to support Scottish communities to prepare more powerfully for future increased flooding.

With climate change projected to cause wetter, stormier winters, more intense rainfall in summer and sea level rise in Scotland, SEPA's Floodline delivers regional Flood Alerts across 19 geographical areas spanning the whole of Scotland, advising up to two days in advance if flooding is possible.

Warning schemes, like those in Eilean Siar and Aberfoyle, are developed using dedicated monitoring and flood forecasting systems to provide more localised, shorter-range warnings with additional information relevant to local communities on projected flood impacts.

Funded by the Scottish Government and developed in partnership with Comhairle nan Eilean Siar and Stirling Council, the new schemes will cover 1,275 at risk properties, but also benefit those traveling through these areas.

The coastal scheme in Eilean Siar will span 1,000 homes and businesses

directly at risk from coastal flooding and will also benefit the residents of nearly 7,000 properties who could be affected by coastal flooding during their travel or other activity across the Western Isles, including Lewis and Harris, Berneray, North Uist, Benbecula, South Uist, Barra and Vatersay. It will also provide notice of coastal flooding and disruption to roads and causeways across the Island communities.

In contrast, the Aberfoyle scheme will cover a specific flood-prone street, where flood waters from a nearby river can directly threaten an estimated 275 properties but also block access to and from the local primary school and the main route from the village to neighbouring Kinlochard. As such, the residents of more than 650 properties will benefit from the scheme. Now, flood warning messages will be issued when flooding is forecast to impact the road, and then again to warn if impacts worsen affecting homes and businesses in Aberfoyle. The new service will provide advance warning when flooding is forecasted and, in flash flood situations, offer a small window during which to take action.

Vincent Fitzsimons said: "Through the Floodline service, we spread awareness and understanding of immediate flood risk to give people, businesses and partners a window to act and reduce the impact of flooding when it occurs.

"Next year, Floodline will celebrate its 20<sup>th</sup> anniversary and, with a regional alert network spanning the whole of Scotland and more than 60 local warning schemes, it's clear to see the progress that has been made in helping Scotland prepare for flooding over these last two decades. And we will continue to build on that, as our river monitoring network and new flood forecasting models give us more information than ever before about the potential flood risk and impacts.

"In the face of a climate emergency and with flooding set to increase across Scotland, schemes like these in Eilean Siar and Aberfoyle are more important now than ever, and we encourage those living, working and visiting these areas to sign up to Floodline."

Environment Secretary Roseanna Cunningham said: "We know the devastating impact that flooding can have on communities and livelihoods — and we know climate change can make this worse. Being prepared for any flood event is critical if we are to manage the risks and promote long term flood resilience.

"That is why I'm pleased to see the launch of SEPA's two new flood warning schemes in Eilean Siar and Aberfoyle. Early alerts of any forecasted flooding will help people living in these areas better prepare for and recover from a flood event. In 2020-21, the Scottish Government has made more than £1.6 million available to SEPA to deliver and improve its flood warning schemes.

"Flooding remains of the highest priority to the Scottish Government. This year's Programme for Government committed to invest an extra £150 million for flood risk management in addition to the £42 million provided each year to local authorities through the Local Government Capital Grant. We are also providing £193,000 in 2020-21 to the Scottish Flood Forum who work directly

with communities and individuals at risk of flooding."

SEPA is Scotland's national flood forecasting, flood warning authority and strategic flood risk management authority. It works in partnership with the Met Office to forecast for flooding and operates the Floodline service to warn the public and emergency responders when it is likely.

SEPA's current Floodline service annually issues an average of 300 regional Flood Alerts and 400 local Flood Warnings to more than 31,500 customers nationwide.

Communities and businesses can register to this free service and can choose to receive a notification via phone call or text when flooding is forecast, and can register more than one address: property, work or regular travel routes.

In addition to issuing regional Flood Alerts and local Flood Warnings, Floodline provides live flooding information and advice on how to prepare for or cope with the impacts of flooding 24 hours a day, 7 days a week.

Find out more and sign up today at floodlinescotland.org.uk.

#### **ENDS**

#### Notes to editor

SEPA responsibilities

SEPA is Scotland's national flood forecasting, flood warning authority and strategic flood risk management authority.

- We work in partnership with the Met Office to forecast for flooding and operate Floodline in Scotland to warn the public and emergency responders when flooding is likely;
- We produce Scotland's Flood Risk Management Strategies;
- We work closely with other organisations responsible for managing flood risk to ensure that a nationally consistent approach to flood risk management is adopted;
- We provide flood risk advice to land use planning in Scotland when requested;
- We raise awareness of flooding at a national level through education initiatives, community engagement and campaigns.

We operate a 24-hour, 365 days a year flood warning service to inform first responders, local authorities and emergency services of emerging flood events and the potential impact on local communities and critical infrastructure.

 All SEPA's Alerts and Warnings are available on our website at floodline.sepa.org.uk/floodupdates/

- Floodline is always the most up-to-date information with any new flood updates available as soon as they are issued.
- You can also sign up to receive these messages to your phone, for free. You can register online at floodline.sepa.org.uk/floodingsignup/

#### Local Authority responsibilities

Local authorities are responsible for producing Scotland's first Local Flood Risk Management Plans and work in partnership with SEPA, Scottish Water and other responsible authorities to develop these.

It is the responsibility of the local authority to implement and maintain flood protection actions. Local authorities also inspect, clear and repair watercourses to reduce flood risk and routinely maintain road gullies on public roads and highways.

During severe flooding, local authorities will work with the emergency services and co-ordinate shelter for people evacuated from their homes.

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### <u>Western Isles residents invited to</u> <u>sign up for new Coastal Flood Warning</u> Service

The Scottish Environment Protection Agency (SEPA) is today (10 November) launching a new coastal flood warning service, funded by the Scottish Government, to provide local flood warnings to communities and businesses across the Western Isles.

- New service to provide local flood warnings for communities and businesses across the Western Isles
- Developed in partnership with SEPA and Comhairle nan Eilean Siar, the scheme covers 1000 homes and businesses directly at risk from coastal flooding and could also benefit the residents of nearly 7000 properties who could be affected by flooding during their travel or other activity
- Scheme builds on SEPA's commitment to support Scottish communities to prepare more powerfully for future increased flooding
- Residents and road users encouraged to sign up from today to receive free notification of flood warnings direct to their phones

The Scottish Environment Protection Agency (SEPA) is today (10 November) launching a new coastal flood warning service, funded by the Scottish Government, to provide local flood warnings to communities and businesses across the Western Isles.

The new service, developed in partnership with Comhairle nan Eilean Siar is locally focused and designed specifically for the most at risk coastal areas across the islands, complementing the existing regional flood alert for the Western Isles. It includes 24 Flood Warning Areas, 16 of which also provide notice of coastal flooding and disruption to roads and causeways. The Flood Warning Areas will cover 1000 properties directly at risk from coastal flooding and the residents of nearly 7000 homes and businesses who could be affected by flooding during their travel or other activity.

Lewis, Harris, Berneray, Benbecula, North and South Uist, Eriskay, Barra and Vatersay will benefit from the new service which aims to help safeguard communities most at risk from coastal flooding.

Islanders are being advised to sign up to SEPA's Floodline service to receive these new local warnings in addition to receiving existing regional flood alerts — early advice that flooding whether from the sea, or from heavy rain or rivers is possible across the Western Isles. The new coastal flood warning service, supported by a new and dedicated forecasting model, will provide more locally specific shorter-range warnings on expected coastal flood impacts. People can sign up to receive one or more Flood Warnings, for example where they live, or along causeways they regularly cross.

Paul Copestake, Flood Advisor at SEPA said:

"With climate change expected to cause wetter winters, more intense rainfall in summer and sea level rise in Scotland, we are working in partnership with Comhairle nan Eilean Siar to strengthen our flood warning services across the islands and help Scotland to prepare more powerfully for future increased flooding.

"Eilean Siar as an island community is vulnerable to the impacts of coastal flooding, and our new coastal flood forecasting model gives us more information than ever before about the potential flood risk and impacts caused by high tides, tidal surges, and wave overtopping.

"By signing up to SEPA's Floodline, residents will receive advance notice of where and when flooding is expected, enabling them to take action to prepare and ensure their safety."

Environment Secretary Roseanna Cunningham said:

"We know the devastating impact that flooding can have on communities and livelihoods — and we know climate change can make this worse. Being prepared for any flood event is critical if we are to manage the risks and promote long term flood resilience.

"That is why I'm pleased to see the launch of SEPA's flood warning scheme in Eilean Siar. Early alerts of any forecasted flooding will help people living

in the area better prepare for and recover from a flood event. In 2020-21, the Scottish Government has made over £1.6 million available to SEPA to deliver and improve its flood warning schemes.

"Flooding remains of the highest priority to the Scottish Government. This year's Programme for Government committed to invest an extra £150 million for flood risk management in addition to the £42 million provided each year to local authorities through the Local Government Capital Grant. We are also providing £193,000 in 2020-21 to the Scottish Flood Forum who work directly with communities and individuals at risk of flooding."

Chair of Transportation and Infrastructure, Councillor Uisdean Robertson said:

"Climate Change will likely increase the threat of Coastal flooding in the Western Isles. With this in mind, it is vital that all those at potential risk of damage to homes and businesses can receive accessible and up to date flood alert information and advice. The safety of our communities and resilience of our economy must be protected against such environmental threats. The Comhairle would like to join SEPA in urging as many people as possible to sign up to SEPA's Floodline service at the link below."

As Scotland's national flood forecasting, flood warning and strategic flood risk management authority, SEPA's role is to support communities to avoid flood risk where they can, adapt where they cannot and act when warned of flooding. Scotland's first National Flood Risk Strategy identified the Outer Hebrides as a priority area for the development of a new Coastal Flood Warning Scheme.

Since January, Floodline, SEPA's public flood forecasting and warning service, has issued more than 500 regional Flood Alerts and 540 local Flood Warnings to more than 32,000 customers nationwide. As well as issuing Flood Alerts and Flood Warnings, Floodline provides live flooding information and advice on how to prepare for or cope with the impacts of flooding 24 hours a day, 7 days a week. By signing up to the service, customers can receive flood messages to their phone, and will be given advance notice when their area of interest is at risk of flooding giving them valuable time to prepare for the impacts.

Visit SEPA's Floodline Scotland at <a href="https://www.floodlinescotland.org.uk/">https://www.floodlinescotland.org.uk/</a>eileansiar or call on 0345 988 1188.

If you wish to sign up to more than one Flood Warning Area, please email flooding@sepa.org.uk and we will be happy to help you.

#### **ENDS**

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### Form: Capital grant application form:

## **Countryside Stewardship**

Applicants should use the capital grant form and relevant annex to apply for a grant for capital items for hedgerows and boundaries, or woodland support schemes.