



Integrated Impact Assessment (IIA)

Integrated impact assessment (IIA) form December 2019

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The integrated impact assessment is a quick and easy screening process. It should:

- identify those policies, projects, services, functions or strategies that could impact positively or negatively on the following areas:

- Communities and safety
- Regeneration and culture
- Environment and public space
- Equality & - Diversity This can be found in Section A5

Directorate:

Regeneration

Service, function:

Transport Planning

Title of policy, service, function, project or strategy (new or old) :

Solent E-scooter Rental Trial, Portsmouth sub-project

Type of policy, service, function, project or strategy:

- ☒ Existing
- ☐ New / proposed
- ☐ Changed

What is the aim of your policy, service, function, project or strategy?

Solent Transport (a partnership of Portsmouth, Hampshire, Southampton and Isle of Wight Councils) was successful in securing Future Transport Zone (FTZ) funding from the DfT. While the original (FTZ) programme did not include an e-scooter project, this was brought in to support restart to travel following COVID-19 restrictions and the government's fast tracking of rental e-scooter trials.

Portsmouth City Council and Solent Transport partners responded to a consultation from the Department for Transport which informed the proposed trials. Portsmouth City Council also responded to the DfT's Future of Transport regulatory review: call for evidence on micromobility vehicles, flexible bus services and Mobility as a Service (MaaS).

Has any consultation been undertaken for this proposal? What were the outcomes of the consultations? Has anything changed because of the consultation? Did this inform your proposal?

Stakeholder engagement was undertaken as part of the development of the trial and has been ongoing throughout the trial. This informed a number of changes for the trial and how the e-scooters will operate along with rider education. As the e-scooter project is a trial, it was introduced under a Vehicle Special Order (VSO), with an experimental traffic regulation order (ETRO) to allow the use of rental e-scooters in bike and bus lanes. The first 6 months following implementation formed the traffic order consultation period. However, the council continues to encourage and welcome feedback to help improve the scheme, consultation is carried out on every site proposed for a new e-scooter parking rack (often leading to changes), and the council has carried out four public surveys at different stages of the trial to inform refinements to the scheme and decision-making around it. Please note that the EIA contains full details of the consultation stakeholders.

A - Communities and safety

Yes

No

Is your policy/proposal relevant to the following questions?

A1-Crime - Will it make our city safer?



In thinking about this question:

- How will it reduce crime, disorder, ASB and the fear of crime?
- How will it prevent the misuse of drugs, alcohol and other substances?
- How will it protect and support young people at risk of harm?
- How will it discourage re-offending?

If you want more information contact Lisa.Wills@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cou-spp-plan-2018-20.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How will you measure/check the impact of your proposal?

While it was not expected that the rental e-scooter trial would lead to increased crime or ASB, resident feedback indicated this concern in response to some proposed racks. To date, we have not had any incidences of crime or ASB associated with the racks.

A - Communities and safety

Yes

No

Is your policy/proposal relevant to the following questions?

A2-Housing - Will it provide good quality homes?



In thinking about this question:

- How will it increase good quality affordable housing, including social housing?
- How will it reduce the number of poor quality homes and accommodation?
- How will it produce well-insulated and sustainable buildings?
- How will it provide a mix of housing for different groups and needs?

If you want more information contact Daniel.Young@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/psh-providing-affordable-housing-in-portsmouth-april-19.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

There has been no impact.

A - Communities and safety

Yes

No

Is your policy/proposal relevant to the following questions?

A3-Health - Will this help promote healthy, safe and independent living?



In thinking about this question:

- How will it improve physical and mental health?
- How will it improve quality of life?
- How will it encourage healthy lifestyle choices?
- How will it create healthy places? (Including workplaces)

If you want more information contact Dominique.Letouze@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cons-114.86-health-and-wellbeing-strategy-proof-2.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

It was expected that e-scooter rental would allow residents that meet the entitlement criteria to have access to a sustainable modes of travel, and provide access to essential services and facilities such as hospitals, retail, university's, public transport routes and council offices, enabling all residents, especially those on low incomes, to use an affordable mode of transport and to use it more often, improving their access to a range of basic necessities such as health care and shops and reducing social isolation. The trial was therefore intended to enable social inclusion benefits for residents by allowing them greater freedom to travel.

How are you going to measure/check the impact of your proposal?

The operator, working with the Council, monitors the level of e-scooter travel within the city. The council's monthly E-Scooter Working Group and Board meetings review and evaluate information relating to Health and Safety as it arises and take the necessary action. As of September 2022, with more than 18 months' of data from the trial, Solent Transport is continuing its supplementary work (approved by Solent Transport's Joint Committee) to help better understand and develop data outputs from the trial, including safety and social inclusion benefits achieved.

A - Communities and safety**Yes****No**

Is your policy/proposal relevant to the following questions?

A4-Income deprivation and poverty-Will it consider income deprivation and reduce poverty?



In thinking about this question:

- How will it support those vulnerable to falling into poverty; e.g., single working age adults and lone parent households?
- How will it consider low-income communities, households and individuals?
- How will it support those unable to work?
- How will it support those with no educational qualifications?

If you want more information contact Mark.Sage@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cou-homelessness-strategy-2018-to-2023.pdf>

<https://www.portsmouth.gov.uk/ext/health-and-care/health/joint-strategic-needs-assessment>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

Rental e-scooter travel allows residents (especially those on low incomes) improved access to services, facilities and social networks by using rental e-scooter services;

- promoting social inclusion;
- providing greater freedom to access shops, services, amenities, and work;
- freedom to access healthcare and freedom to visit family and friends.

Voi, the Council's scheme operator, has a pricing structure option that gives users from low income groups unlimited monthly travel passes (Voi 4 All) at a 50% discount. This initiative was developed with the aim of making the service as affordable and inclusive as possible and to improve access to employment, education and healthcare. The scheme was expanded in 2022 to include refugees.

How are you going to measure/check the impact of your proposal?

Passenger numbers of VoiPass members Portsmouth along with rental e-scooter mileage in the city. As of September 2022, with more than 18 months' of data from the trial, the number of Portsmouth users registered for the low income VoiPass remains lower than hoped. The Council and Solent Transport reviewed this with Voi in spring 2022 to determine actions to address it, such as marketing activity to ensure that availability of the discount is as widely communicated as possible to those who would be able to take advantage of it, while arranging meetings with other trial areas in the UK to learn of any novel approaches that have been shown to be effective elsewhere. A Solent-specific marketing campaign began in July 2022 and the early signs are encouraging, with three times as many "Voi 4 All" rides being taken in Portsmouth in August than in July,

A - Communities and safety**Yes****No**

Is your policy/proposal relevant to the following questions?

A5-Equality & diversity - Will it have any positive/negative impacts on the protected characteristics?



In thinking about this question:

- How will it impact on the protected characteristics-Positive or negative impact (Protected characteristics under the Equality Act 2010, Age, disability, race/ethnicity, Sexual orientation, gender reassignment, sex, religion or belief, pregnancy and maternity, marriage and civil partnership,socio-economic)
- What mitigation has been put in place to lessen any impacts or barriers removed?
- How will it help promote equality for a specific protected characteristic?

If you want more information contact gina.perryman@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cmu-equality-strategy-2019-22-final.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

At the outset of the trial, age, disability and pregnancy and maternity were the specific protected characteristics known to be affected through being more vulnerable when sharing paths with rental e-scooters, through reduced awareness of their presence and/or ability to move and allow them to pass as required.

Measures that were taken from scheme launch to minimise impacts included:

- lower speed limit of 10mph for launch of scheme
- racked parking, with RNIB-approved side-plates to be added to the racks in areas where the local context suggested it would be beneficial
- geo-fencing routes with no ride and go-slow zones speeds,
- use of horns/bells, lights/indicators/hand signals and ensuring users undertake training.
- On-board sensors to detect fallen scooters, thus allowing field operatives to quickly rectify the situation and prevent safety risks to the public.
- All e-scooters being equipped with unique registration numbers, enabling easy reporting and improving accountability for those that misuse the scooters and pose risks to vulnerable/disability groups.
- Ongoing engagement and feedback from relevant stakeholders .

Voi work in partnership with the RNIB and can run campaigns to raise awareness and educate users about parking safely/considerately for others.

Voi launched the world's first e-scooter training school, RideLikeVoila in collaboration with the AA and Drivetech, teaching users to ride and park in accordance with local regulations. They have updated the Portsmouth traffic school to include questions that drive awareness of vulnerable groups and will continue to do this, in line with local feedback.

In addition the scheme operator Voi is undertaking a project with Warwick University to define an Acoustic Vehicle Alert System (AVAS) for e-scooters. The team will conduct a thorough analysis to inform product development. Voi's research will address several important questions including the effect of artificial e-scooter sounds on rider and pedestrian behaviour (including the visually impaired), as well as the relevant impacts if some scooters have sound and others don't. It will also investigate use of a dynamic sound which adjusts based on the environment e.g. background sounds and travelling speed of the scooter. These findings will directly impact the types of scooters which will be deployed over the trial by PCC.

In late 2021, Voi solicited input from Portsmouth City Council regarding the design of its next model of e-scooter, that is due to be developed this year, and the Council has put forwards the suggestion that the rear registration number should be made more prominent (larger and potentially higher).

As of September 2022, the trial has demonstrated that the measures implemented to date have been successful at mitigating the trial's impacts on the specified protected characteristics, as detailed in the EIA. This will be continue to be monitored for the duration of the trial, both at the local scale and through the wider trial evaluation being undertaken by the DfT. The council is continuing to work with Voi to minimise impacts and, where possible, to make the scheme accessible to residents with these protected characteristics.

How are you going to measure/check the impact of your proposal?

A full EIA was undertaken for the e-scooter trial. Throughout the trial, the Full EIA has been continuously updated with information / data that has been collected and actions taken to mitigate any negative impacts, and we will continue to do for the duration including any extensions to the original trial period.

B - Environment and climate change**Yes****No**

Is your policy/proposal relevant to the following questions?

B1-Carbon emissions - Will it reduce carbon emissions?

In thinking about this question:

- How will it reduce greenhouse gas emissions?
- How will it provide renewable sources of energy?
- How will it reduce the need for motorised vehicle travel?
- How will it encourage and support residents to reduce carbon emissions?

If you want more information contact Tristan.thorn@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cmu-sustainability-strategy.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

E-scooters are more sustainable and less polluting than the private car. This scheme provides an alternative mode of transport to the private car for all who qualify, allowing them to travel for a low cost around the city.

How are you going to measure/check the impact of your proposal?

The operator will collect quantitative and qualitative data throughout the trial to measure the impacts of the scheme in terms of rental e-scooter usage and modal shift.

The Council will also be undertaking its own before and after survey to better understand some of the impacts of the scheme, including modal shift.

Recent surveys indicate that mode shift from cars and taxis in Portsmouth is encouragingly high, with Voi's summer 2022 survey indicating a 46% figure, and the council's most recent survey that closed in September 2022 indicating an even higher figure of 54%. Voi states that 196.6 tonnes of CO2 equivalent has been saved in Portsmouth by September 15th 2022. The calculation process has been reviewed to help verify this, and it is clear that a high degree of mode shift from the most polluting modes is key to reducing carbon emissions.

B - Environment and climate change**Yes****No**

Is your policy/proposal relevant to the following questions?

B2-Energy use - Will it reduce energy use?

In thinking about this question:

- How will it reduce water consumption?
- How will it reduce electricity consumption?
- How will it reduce gas consumption?
- How will it reduce the production of waste?

If you want more information contact Tristan.thorn@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/pln-portsmouth-plan-post-adoption.pdf>

<https://democracy.portsmouth.gov.uk/documents/s24685/Home%20Energy%20Appendix%201%20-%20Energy%20and%20water%20at%20home%20-%20Strategy%202019-25.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

There has been no impact.

B - Environment and climate change	Yes	No
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Is your policy/proposal relevant to the following questions?

B3 - Climate change mitigation and flooding -Will it proactively mitigate against a changing climate and flooding?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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In thinking about this question:

- How will it minimise flood risk from both coastal and surface flooding in the future?
- How will it protect properties and buildings from flooding?
- How will it make local people aware of the risk from flooding?
- How will it mitigate for future changes in temperature and extreme weather events?

If you want more information contact Tristan.thorn@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/env-surface-water-management-plan-2019.pdf>

<https://www.portsmouth.gov.uk/ext/documents-external/cou-flood-risk-management-plan.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

There has been no impact.

B - Environment and climate change	Yes	No
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Is your policy/proposal relevant to the following questions?

B4-Natural environment -Will it ensure public spaces are greener, more sustainable and well-maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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In thinking about this question:

- How will it encourage biodiversity and protect habitats?
- How will it preserve natural sites?
- How will it conserve and enhance natural species?

If you want more information contact Daniel.Young@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/pln-solent-recreation-mitigation-strategy-dec-17.pdf>

<https://www.portsmouth.gov.uk/ext/documents-external/pln-portsmouth-plan-post-adoption.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

There has been no impact.

B - Environment and climate change

Yes

No

Is your policy/proposal relevant to the following questions?

B5-Air quality - Will it improve air quality?



In thinking about this question:

- How will it reduce motor vehicle traffic congestion?
- How will it reduce emissions of key pollutants?
- How will it discourage the idling of motor vehicles?
- How will it reduce reliance on private car use?

If you want more information contact Hayley.Trower@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/env-aq-air-quality-plan-outline-business-case.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

Travel by E-scooter is less polluting than traveling in individual, privately owned cars. By reducing the amount of emissions from transportation in a dense urban areas like Portsmouth, E-scooters can help to reduce emissions, to meet air quality standards, and to decrease the health risks of poor air quality for our residents.

How are you going to measure/check the impact of your proposal?

The Council monitor air quality across the city through a series of testing sites. These will continue to be monitored through the Air Quality Team.

The operator is undertaking quantitative and qualitative surveys throughout the trial to help better understand the impact on modal shift. Similarly, PCC has undertaken two surveys to understand the impact of the scheme upon travel behaviour, with further surveys planned if the trial is extended.

As mentioned above in B1, the most recent surveys conducted have indicated high mode shift from car and taxi - 46% according to Voi's survey, and 54% according to PCC's. As scooters do not generate tailpipe emissions, such a high level of mode shift from the most polluting modes is helping to improve local air quality in the city, with Voi calculating that the trial has already reduced Portsmouth's PM2.5 particulate emissions by 16kg.

B - Environment and climate change

Yes

No

Is your policy/proposal relevant to the following questions?

B6-Transport - Will it improve road safety and transport for the whole community?



In thinking about this question:

- How will it prioritise pedestrians, cyclists and public transport users over users of private vehicles?
- How will it allocate street space to ensure children and older people can walk and cycle safely in the area?
- How will it increase the proportion of journeys made using sustainable and active transport?
- How will it reduce the risk of traffic collisions, and near misses, with pedestrians and cyclists?

If you want more information contact Pam.Turton@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/travel/local-transport-plan-3>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

The scheme provides an additional transport option for residents, workers and visitors to Portsmouth. The operator has a number of measures and initiatives in place to mitigate the impact on highway safety, including:

- the launch of the first e-scooter traffic school
- a fully integrated driver licence screening process
- provision of free / heavily subsidised helmets, and incentives for helmet use
- awareness campaigns and ongoing community engagement
- regular safety training events, including helmet giveaways, in Guildhall Square
- stringent sanitary measures for COVID-19

In addition, meetings are regularly held between the council, Hampshire Police and Voi, ensuring any issues are identified and collaboratively addressed, while Voi supported the police in delivering a well-attended Facebook Live scooter safety segment.

How are you going to measure/check the impact of your proposal?

Surveys and data collected by the Operator and the Council will enable an assessment of the impact on modal shift. Data collection and engagement will also inform the highway safety impact of the project. As mentioned above in B1, the most recent surveys conducted have indicated high mode shift from car and taxi - 46% according to Voi's survey, and 54% according to PCC's. This may suggest it is helping to improve road safety, but PCC's survey also indicates that safety concerns are nonetheless widespread among users and non-users alike. Further work is being undertaken by the Council and Solent Transport to obtain better data, especially from the police. At present, it is hard to differentiate between police-recorded incidents involving privately-owned scooters and those that are part of the trial, which are subject to much stricter vehicle standards and oversight.

B - Environment and climate change

Yes

No

Is your policy/proposal relevant to the following questions?

B7-Waste management - Will it increase recycling and reduce the production of waste?



In thinking about this question:

- How will it reduce household waste and consumption?
- How will it increase recycling?
- How will it reduce industrial and construction waste?

If you want more information contact Steven.Russell@portsmouthcc.gov.uk or go to:

<https://documents.hants.gov.uk/mineralsandwaste/HampshireMineralsWastePlanADOPTED.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

There has been no impact.

C - Regeneration of our city

Yes

No

Is your policy/proposal relevant to the following questions?

C1-Culture and heritage - Will it promote, protect and enhance our culture and heritage?

☐☒

In thinking about this question:

- How will it protect areas of cultural value?
- How will it protect listed buildings?
- How will it encourage events and attractions?
- How will it make Portsmouth a city people want to live in?

If you want more information contact Claire.Looney@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/pln-portsmouth-plan-post-adoption.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

There has been no impact.

C - Regeneration of our city

Yes

No

Is your policy/proposal relevant to the following questions?

C2-Employment and opportunities - Will it promote the development of a skilled workforce?

☐☒

In thinking about this question:

- How will it improve qualifications and skills for local people?
- How will it reduce unemployment?
- How will it create high quality jobs?
- How will it improve earnings?

If you want more information contact Mark.Pembleton@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cou-regeneration-strategy.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

The trial has the potential to provide access to employment and job interviews through its discount for those on a low income.

However, the number of eligible residents that have taken advantage of this has been relatively low so far, and the council is working

C - Regeneration of our city

Yes

No

Is your policy/proposal relevant to the following questions?

C3 - Economy - Will it encourage businesses to invest in the city, support sustainable growth and regeneration?



In thinking about this question:

- How will it encourage the development of key industries?
- How will it improve the local economy?
- How will it create valuable employment opportunities for local people?
- How will it promote employment and growth in the city?

If you want more information contact Mark.Pembleton@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cou-regeneration-strategy.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

The project will include a Portsmouth based team that will be responsible for rental e-scooter operations within the city. This includes warehouse based staff and people out in the field rebalancing the e-scooters, swapping batteries and dealing with any technical issues. The scheme operator is committed to employing locally for these roles.

How are you going to measure/check the impact of your proposal?

Confirm number of employees once scheme is in place and proportion that have been employed locally.

As of October 2021, Voi reported that 21 people in its fleet operations and Ambassador team were recruited locally and based out of the Fareham Warehouse.

Q8 - Who was involved in the Integrated impact assessment?

Gareth James (Future Transport Zone Project Manager)

This IIA has been approved by: Hayley Chivers (Interim Transport Planning Manager)

Contact number: 023 9283 4672

Date: 28 September 2022